

STRENGTHENING COLLABORATIONS, ADAPTING CHANGES



2021
Sustainability
Report



Table of Content

4	Achievements in Environmental, Social, Governance (ESG)
6	Performance Excellence in the Pandemic Era
10	Message from President Director
12	About PT Kideco Jaya Agung
13	Environmentally-Friendly Coal Products
20	Business Process and Supply Chain
22	About the Sustainability Report
24	Environmental Performance
25	Environmental Management Policy and its Performance Achievement
27	Carbon Absorption-Supporting Land Reclamation and Rehabilitation
29	Preserving Biodiversity
31	Efficient and Renewable Energy for GHG Emission Reduction
35	GHG Emission Control and Reduction
41	Waste Management to Prevent GHG Emission
46	Water Management to Conserve water Source
51	Social Performance
52	Protecting Our Employee
65	Defending Employee Human Rights
68	Empowering Community
70	PPM Program Priority
85	Sustainability Governance and Economic Performance
86	Supports for Good Corporate Governance and Diversity
90	Supports in Sustainable Operations
98	Stakeholders Approach
99	Supports for Anti-Corruption
101	KIDECO Support for Sustainable Development
108	Independent Assurance Statement
112	GRI Standard Content Index
117	Feedback Form

Achievement in Environmental, Social, Governance (ESG)

Environmental Performance

2021 Achievement	Strategy
<ul style="list-style-type: none"> Green National PROPER- KLHK Gold Province PROPER – Governor of East Kalimantan Province Gold Aditama, GMP Award in the Aspect of Environmental Protection - KESDM 	<ol style="list-style-type: none"> Fulfilling Environmental Quality Standards as per prevailing requirements Performing innovation activities outside the activities required Performing active communication among relevant departments



4,609.37 Ha

Reclamation Area
2020 : 4,168.12 Ha



253,912.64 GJ

Energy Decline Value
2020 : 137,423.69 GJ



136,135.21 Ton CO₂ Eq

GHG Emission Decline Value
2020 : 135,210.60 Ton CO₂ Eq

2021 Award	2020 Award
<ul style="list-style-type: none"> Green National PROPER- KLHK Gold Province PROPER – Governor of East Kalimantan Province Gold Aditama, GMP Award in the Aspect of Environmental Protection - KESDM 	<ul style="list-style-type: none"> Gold PROPER <ul style="list-style-type: none"> - Ministry of Environment and Forestry - Governor of East Kalimantan Province ADITAMA AWARD <ul style="list-style-type: none"> - Ministry of Energy and Mineral Resources

Governance Performance

2021 Achievement	Strategy
<p>Recertification for ISO 37001:2016 System Number IABMS 740623 (Anti-Bribery and Anti-Corruption Policy) by PT BSI Group Indonesia, December 2020. Dated 29 December 2020</p>	<p>By accomplishing the recertification of ISO 37001:2016, it proved that KIDECO has implemented Anti-Bribery Management System and good corporate governance.</p>

Economic Performance

2021 Achievement
Coal production of 35,821,057 tons.
Coal sales of 35,803,539 tons.
Coal sales of USD 2,196.88 million.
Saving cost production by +16%
Customer satisfaction index of 99.53%

Social Performance

2021 Achievement
Zero work-related accidents
Implementation of PPM program as planned
Vaccination for 654 employees and 12,157 business partners

Social Performance

2021 Award	2020 Award
<p>TOP CSR Award 2021</p> <ol style="list-style-type: none"> 5 Star Excellent CSR Program on integrated farming-based environment Top leader for CSR commitment 	<p>TOP CSR Award 2020</p> <ol style="list-style-type: none"> Job creation program category Skills enhancement program category Top leader for CSR commitment
<p>Indonesian Sustainable Development Award (ISDA) 2021</p> <p>PLATINUM</p> <ol style="list-style-type: none"> Community engagement in environmentally friendly blasting Workers' union coalition empowerment Employee housing facilities provision Environmentally friendly emission and energy management using LED technology Arboretum tandarayan 'KIDECO Gemilang' Scholarship Mobile library Self-reliance awareness movement of Tanah Grogot Detention House of Class IIB Clean water procurement and water refilling business unit development Oil palm farmers empowerment Kampoeng SDGS Samurangau Opportunities for local workforce CEO-level program CDO-level program <p>GOLD</p> <ol style="list-style-type: none"> Kideco Cares for COVID - 19 	<p>Indonesian CSR Award (ICA) 2020</p> <p>PLATINUM</p> <ol style="list-style-type: none"> Teluk Adang fishermen community empowerment Workers' union coalition empowerment Implementation of occupational health, safety, and environment (HSE) principle Environmentally friendly emission and energy management using LED technology Community engagement and empowerment XXX - mohon lihat komentar Arboretum tandarayan Ecosystem conservation based on integrated farming system Customer satisfaction program - KIDECO the most reliable coal supplier Independent in learning (school development program) Bookmobile in promoting literacy in Paser Regency 'KIDECO Gemilang' scholarship Green school-based world lungs school Self-sufficiency in cooperation-based agricultural groups, Harapan Mandiri and Rindang Jaya Technology innovation in organic fertilizers Self-reliance awareness movement of Tanah Grogot Detention House of Class IIB Oil palm farmers empowerment in supporting B30 Cooperation-based micro household business for agricultural women groups, Rangan Indah Community empowerment in preventing sexually transmitted diseases (HIV) Clean water facilities from brackish water to freshwater of Teluk Adang Sedari Dulu Building school (dreams become reality) Kampoeng CSR Samurangau KIDECO Bina Bersama Foundation CSR implementation based on ISO 26000:2013 Leadership and KIDECO Management Integration <p>GOLD</p> <ol style="list-style-type: none"> KIDECO CSR Academy Mosques for the empowerment of the congregation
<p>TSP Award 2021 of Paser Regency</p> <ol style="list-style-type: none"> Pillar of environment Pillar of social Pillar of economy 	
<p>ASN Award of Paser</p> <p>Awards from Paser Regent:</p> <ol style="list-style-type: none"> Zero accident Platinum award: <ul style="list-style-type: none"> P2 HIV & AIDS program P2COVID19 award 	



Performance Excellence in the Pandemic Era

Strengthening Environmental Values

Performance Excellence	Unit	2021	2020	2019
National PROPER Rating		Green	Gold	Gold
Postmining Reclamation Land Area	Ha	4,168.12	4,168.12	3,741.94
Energy Decline	GigaJoule	253,912.64	137,423.69	122,669.00
Greenhouse Gas (GHG) Emission Decline	Ton CO ₂ eq	136,135.21	135,210.60	129,920.13
Total Water Use	M ³	3,217,340	2,749,222	3,255,187
Fulfillment of Environmental Quality Standards Requirements	Category	Compliant	Compliant	Compliant

Nurturing Employee Values [102-48]

Performance Excellence	Unit	2021	2020	2019
Fatal Work-related Accident	Incident	Naught	Naught	Naught
Safe Working Hours	Million hours	1.68	1.53*	1.40*
Employee's Number of Hospital Visits	Visit	660	657	791
Total Employee Training Hours	Hour	121,291	19,352	22,896
Average of Training Hours/Employee	Hour	41.95**	39.74**	32.94**

*There was a restatement in 2020 and 2019 as some changes were found in the calculation, which previously used the number of working hours and business partners, and now only involved employees.

**The calculation was adjusted to different employees' training hours



Observation on Samurangau Eco Park

Sharing Human Values

Performance Excellence	Unit	2021	2020	2019
CSR Fund Realization	Billion Rp	53.02	42.10	47.48
Total COVID-19 Pandemic Management Assistance	Billion Rp	29.9	20.8	-

Creating Economic Values

Performance Excellence	Unit	2021	2020	2019
Saving Production Cost	%	+16%	+20.1	+20.0
Production Volume	Ton	35,821,057	33,004,280	34,281,940
Sales Value	Million USD	2,196.88	1,249.4	1,574.1
Customer Satisfaction Index	%	99.53	99.74	99.48
Corporate Tax Obligation Value	Million USD	352.09	60.4	98.3
Fulfillment of Domestic Component Level	%	34.82	41.11	22.15

Building Clean Business with Integrity

2021	2020	2019
The Board of Commissioners performs supervisory acts in the Company		
For effective oversight in the Company, the Board of Commissioners regularly held a meeting between the Board of Commissioners and Board of Directors of the Company	For effective oversight in the Company, the Board of Commissioners regularly held a meeting between the Board of Commissioners and Board of Directors of the Company	For effective oversight in the Company, the Board of Commissioners regularly held a meeting between the Board of Commissioners and Board of Directors of the Company
Assisting the Board of Commissioners in actualizing and supporting effective supervision in the Company.		
<p>Established and appointed members of the Committee to assist the Board of Commissioners in performing supervisory acts on behalf of the Company:</p> <ol style="list-style-type: none"> 1) Audit, Risk, and Compliance Committee 2) Nomination and Remuneration Committee (previously known as Human Capital Committee) 3) Project & Investment Committee 4) Sustainability Committee <p>Based on Circular Letter of the Board of Commissioners Number KJJ 216/LEG 022/IV of 1 April 2021</p> <p>* The meeting of ARC, Nomination & Remuneration, Sustainability Committee was held quarterly and virtually to discuss relevant scope of the committee *The meeting of ARC, Nomination and Remuneration, Sustainability Committee is held quarterly and virtually discussing relevant scope concerning work plan or special agenda approved.</p>	<p>Established and appointed members of the Committee to assist the Board of Commissioners in performing supervisory acts on behalf of the Company:</p> <ol style="list-style-type: none"> 1) Audit, Risk, and Compliance Committee 2) Nomination and Remuneration Committee (previously known as Human Capital Committee) 3) Project & Investment Committee 4) Sustainability Committee <p>Based on Circular Decree of the Board of Commissioners Number KJJ 206/LEG 015/VI of 28 July 2020</p> <p>* The meeting of ARC and Nomination and Remuneration Committee is held quarterly and virtually discussing relevant scope concerning work plan or special agenda approved.</p>	<p>Established and appointed members of the Committee to assist the Board of Commissioners in performing supervisory acts on behalf of the Company:</p> <ol style="list-style-type: none"> 1) Audit, Risk, and Compliance Committee 2) Nomination and Remuneration Committee (previously known as Human Capital Committee) 3) Project & Investment Committee 4) Sustainability Committee <p>Based on Circular Decree of the Board of Commissioners of 1 January 2019</p> <p>* The Committee held a meeting regularly to discuss materials in the scope of the Committee, including work plans, reporting, or special agenda that has been agreed.</p>



Top Management

2021

2020

2019

Implementing good corporate governance, supervision on the company to accomplish effective performance for the Company's interests and sustainability.

- | | | |
|--|---|----------|
| <p>1) Establishment and Appointment of Board of Ethics – Anti-Bribery Compliance Function based on Circular Decree of the Board of Directors Number KJJ 216/LEG 025/VII of 1 July 2021.</p> <p>2) Establishment and Appointment of Business Ethics and Integrity Function based on Circular Decree of the Board of Directors Number KJJ 216/LEG 026/VII of 1 July 2021.</p> <p>3) PT Kideco Jaya Agung stipulated Gifts and Banquet Policy in December 2021.</p> | <p>Implementation of the following policies:</p> <p>1) Implementation of Anti-Bribery and Anti-Corruption (ISO 37001). Based on Anti-Bribery Policy Number 12/KJA/PD/A/2020 of 26 November 2020</p> <p>2) Establishment of Governing Body, FKAP (Anti-Bribery Compliance Function), and BEI (Business Ethic and Integrity) to carry out ABMS in accordance with its functions and authorities. Based on Decree of the Commissioner on the Establishment of Governing Body of 20 Nov 2020, and Decree of the Board of Directors for FKAP and BEI establishment of 20 Nov 2020.</p> <p>3) Code of Conduct based on the document Code of Conduct of Nov 2020.</p> <p>4) Whistleblowing Procedure based on the document Whistleblowing Procedure of Nov 2020</p> <p>5) Held the Board of Directors' Meeting periodically as a means for cooperative decision-making, and each Director could operate as per function.</p> <p>6) Held a regular meeting between the Board of Commissioners and Board of Directors</p> <p>* Due to the pandemic, each meeting was conducted virtually so that all activities could be accomplished.</p> | <p>-</p> |
|--|---|----------|

Ensuring the Company's interests are protected, and vendors' obligations are met.

- | | | |
|--|---|----------|
| <p>Implementation of the following policies:</p> <p>1) Establishment of Contract Principle to ensure the contract making standards between Kideco and the counterpart receives satisfactory legal protection.</p> <p>2) Provided internal socialization on Standard Operational Procedure (SOP) of Legal Documents & Agreements Drafting to give insights on implementation of Work based on Agreements.</p> | <p>Implementation of the following policies:</p> <p>1) SOP of Legal Documents Drafting in Kideco. Ref: Legal Documents Drafting Policy of 1 August 2020.</p> <p>2) Record Management System</p> <p>* This Internal Legal-Record Management Portal was introduced in December 2020, and it was continued in 2021.</p> <p>* Record Management System, through digitalization for more productive and efficient performance, allowed a collaboration in processing documents, digital approval management filing process, and documents archived in said system.</p> | <p>-</p> |
|--|---|----------|

“ This year, we adjusted our Vision, Mission, and Values. We carried out such changes to align with our commitment to providing environmentally friendly energy for a sustainable future.



Message from President Director [102-14, 102-15]

Dear respected stakeholders,

The year 2021 still brought us challenges due to the COVID-19 pandemic, causing many changes in our lives, including business activities. The gravity of these changes urged us to be ready for adaptation by continuously innovating and showing the ability to manage challenges to benefit from opportunities and strengthen the sustainability aspect. KIDECO adapted to such a challenge together with all our stakeholders.

As a part of Indika Energy, we have full support in managing changes and increasing performance, including environmental, social, and governance aspects (ESG). We control the impacts of our activity and consider the ESG aspect in all our decision-making.

Responding to Challenges and Managing Changes

Mining activities still suffer due to the COVID-19 pandemic which has downgraded global mining operational performance. KIDECO responded to the challenge and implemented strategic policies that could stabilize production activities and manage the impacts from the arising changes.

On issues related to the environmental aspect, KIDECO will continue creating innovations for operational activities that contribute to efficiency enhancement and support more eco-friendly businesses. We are aware that environmental preservation is valued as a life source that needs to be protected from this day forward. Hence, we make efforts to restore the environment more than what becomes our responsibility.

All these are in line with KIDECO's vision, The Most Reliable and Eco-friendly Indonesian Energy Provider for Sustainable Future, and in accordance with one of the company's missions, which is Contributing to Green Living for Harmonious Environment.

Sustainability Performance

We have well managed the environmental, social, and governance aspects (ESG), as well as economic performance that they showed an improvement from the previous year. Despite the COVID-19 pandemic, in 2021 we accomplished to increase production by 35.8 tons, or right on target. The coal sale was realized at 35.8 million tons. This achievement was a result of the implementation of strategic policies as well as cooperation and synergy performed well by various parties.

KIDECO performance is also noticeable in the environmental aspect. We received Green PROPER from Ministry of Environment and Forestry for the environment management and community empowerment. Also, we use numerous environmentally friendly technology to support energy management initiatives for further optimization, such as electric bus and renewable energy sources installation, namely Solar Power in employee housing which will be extended to office locations. Strict occupational health and safety (OHS) is also applied in every work activity to ensure zero fatality.

In the social sector, KIDECO conducted community empowerment, whether inside the mining circle or in Paser Regency in general. The activities included community empowerment in the education, health, and economic sector for welfare increase. Our best programs, among which were Infrastructure Development Program and public facilities renovation (Road, Bridge, House of Worship), Integrated Farming System, Agricultural Group Empowerment through Oyster Mushroom Cultivation, Super Organic Fertilizer Production, Bookmobile Literacy Program, Scholarship Program, and Eco Park Samurangau Development. We would like to have a self-reliant community when we leave and that the post-mining stage commences.

Moreover, KIDECO achieved worldwide recognition for its sustainability program. In 2020, the company won 25 platinum and 1 Gold awards from Indonesian CSR Award (ICA); and the following year, 15 Platinum and 1 Gold award were received from Indonesian SDG's Award (ISDA) 2021. For the commitment to CSR, KIDECO earned 5 stars excellent, and Top Leader from Top CSR Award both in 2020 and 2021.

To support the ever-increasing operations and promote sustainability, KIDECO continues nurturing the competency of human resources. We provide training and education, as well as protect the human rights of the employee and the local community. We realize that business continuity is influenced by human resources' quality and trustworthiness. It is imperative for us to enhance competency, respect gender equality and diversity, and give equal opportunities in work.

KIDECO acknowledges that future needs of coal will shift to a more environmentally friendly energy. However, KIDECO realizes that in general the energy supply still needs to be maintained through the energy availability of coal. Hence, the company continues amplifying the efficiency of coal operations combined with managing the mining's negative impacts. KIDECO will keep on exploring the possibilities of various necessary innovations to making progress with a more environmentally friendly process.

Business Prospects and Target Achievement Strategies

Businesses in the coal mining sector still have opportunities and development prospects as energy demands remain relatively high. As of now, coal is still one the best alternatives in meeting energy consumption, whether through export or national energy needs. Through mining business areas and environmentally friendly coal product specifications, KIDECO will continue the hard work to give the best contribution.

KIDECO's Commitments and Hopes

We keep maintaining business sustainability through various strategies to achieve the target production and meet the customer needs while complying with all the regulations and creating innovations to boost the eco-friendly production process. Hence, we hope that our presence can give added values to all stakeholders.

Appreciation

We, on behalf of KIDECO, would like to express our gratitude and appreciate all the stakeholders. For all the collaborations and commitments established as of now, we were able to surpass 2021 and record a good sustainability performance. We hope KIDECO can continue contributing to Indonesia by preserving nature and culture for the Nation's future.

Jakarta, March 2022

On Behalf of the Board of Directors,

M. Kurnia Ariawan

President Director

About PT Kideco Jaya Agung

Vision, Mission, and Corporate Values [102-10][102-16][102-26]

On 7 September 2021, which coincidentally fell on KIDECO's 39th Anniversary, the company officially launched the new Vision, Mission, and Corporate Values. Socialization on Vision, Mission, and Corporate Values was carried out through different activities, such as internalization workshop, digital campaign, and multimedia intervention. Currently, the socialization and internalization of Vision, Mission, and Corporate Values are being prepared in a more comprehensive form through the establishment of People Transformation team, complete with relevant programs,

activities, measurement methods/parameters along with the necessary change management.

The change of our vision and mission, as well as the addition of our corporate values were conducted based on our commitment to keep providing environmentally friendly energy for a sustainable future. On the other hand, there were no significant changes in 2021 relating to areas of operations, suppliers, and capital ownership.

Vision

The most reliable and eco-friendly Indonesian energy provider for sustainable future.

Mission

1. Maximizing value creation for our stakeholders
2. Being Socially responsible for better Indonesian generation
3. Contributing to green living for harmonious environment
4. Continuously developing human capital for organization excellence

Kideco Values

SOLUSI
SYNERGY, OWNERSHIP, AGILITY, UNITY IN DIVERSITY
 SOCIAL RESPONSIBILITY, INTEGRITY

Synergy

Harmonization of goals and cooperation based on individual and other people's understanding to gain a cohesive team

Ownership

Keeping promises, providing results, extra hard work, and intelligent in achieving organization's excellent performance

Agility

Able to seek different perspectives and enhance process, products, and services to remain relevant with the market and gain optimized economic value for the organization

Unity in Diversity

Having the attitude of accepting and respecting diversity as an important asset in strengthening the organization

Social Responsibility

Implementation of safety, health, environmental preservation, and community development standards to acquire shared sustainability

Integrity

Being consistent in words and actions in complying with prevalent government policies, company regulations, and code of conduct to increase company reputation and credibility.

Environmentally Friendly Coal Products

KIDECO's coal products are bituminous coal, an environmentally friendly thermal coal with efficient energy (calorie). Bituminous coal has a lower content of sulfur and ash than other coals. KIDECO's coal also obtained a good reputation due to its compliance with environmental regulations, related to utilizing coals as an energy source for power facilities. Mining activities involved in the company include coal exploration, development, and mining activities up to coal shipping to buyers. During the reporting period, there were no products rejected or banned from the market. ^[102-2]

KIDECO's Coal Products Specification ^[102-2]

Element	Roto South	Blend	Samurangau
Calorific Value (GAR)	4,600-5,200	4,250-4,650	3,900-4,300
Total Moisture (ARB)	23-30	28.5-34.5	33-39
Ash	2.5-5.0	2.75-5.5	3.0-6.0
Sulfur	0.05-0.20	0.07-0.20	0.08-0.20
Particle Size < 50mm (%)	95	95	95

KIDECO at a Glance

Name of Company [102-1]	PT Kideco Jaya Agung (KIDECO)
Activity, Brand, Products, and Services [102-2]	KIDECO's mining activities include exploration, development, mining on coals as well as transporting coals to customers. The products offered are bulk coal and throughout the reporting period, no products were rejected or banned from the market.
Head Office [102-3]	Graha Mitra, 1st Fl. Jalan Jenderal Gatot Subroto Kav. 21 Jakarta 12930, Indonesia
Areas of Operation [102-4]	Paser Regency, East Kalimantan, Indonesia.
Legal Form [102-5]	Limited Liability Company
Market Served [102-6]	65 domestic and international customers. 12 countries of export destination.

Milestones in Sustainability

1982	Establishment of PT Kideco Jaya Agung in September.
1993	Signing of the Coal Mining Concession Work Agreement (PKP2B) with the Government of the Republic of Indonesia.
1993	Commencement of commercial production with the capacity of 1.2 million tons per year.
2014	The highest achievement in production, 40.3 million tons.
2017	PT Kideco Jaya Agung became a part of PT Indika Energy Tbk.
2018	Use of a new logo as KIDECO's identity.
2019	Gold PROPER from the Ministry of Environment and Forestry.
2020	Maintained the Gold PROPER Rank from the Ministry of Environment and Forestry.
2021	<ul style="list-style-type: none"> KIDECO applied solar power plants Achieved Gold Proper Province for the ninth time Launched corporate values, "SOLUSI" for Synergy, Ownership, Agility, Unity in Diversity, Social Responsibility, Integrity.

Share Ownership [102-5]

Shareholder	2021		2020	
	Total Share	Percentage (%)	Total Share	Percentage (%)
PT Indika Energy Tbk.	100,139	40	100,139	40
PT Indika Inti Corpindo	127,676	51	127,676	51
ST International Corporation	22,531	9	22,531	9
Total	250,346	100	250,346	100

Market Served [102-6]

Total Sale (Million Ton)	Total Sale 2021		
	Destination	Volume (Million Ton)	Percentage (%)
35.8	Domestic, including Domestic Market Obligation (DMO).	12.0	34
	Export to 12 countries.	23.8	66
Total		35.8	100

Mining Business Area [102-4]

Area	Unit	2021
Pinang Jatus	Ha	6,554
Samu Biu		6,583
Susubang Uko		6,903
Roto Samurangau		27,460
Total		47,500

Areas of Operation

KIDECO has Mining Business Area (WUP) that is in Paser Regency, East Kalimantan, Indonesia with an initial expanse of 50,921 hectares. The area was reduced by 3,421 hectares based on Letter of Directorate General of Mineral and Coal on the Approval of Work Plan of All PKP2B Area Number 2444/30/DJB/2017. Now, according to the Second Amendment of PKP2B of KIDECO, the WUP is 47,500 hectares, which was supported by Decree of Minister of ESDM Number 250.K/30/DJB/2018 of 21 May 2018 on Contraction for the Amendment of KIDECO's Coal Mining Concession Work Agreement. Coal mining operations are currently underway in Roto Samurangau and Susubang Uko.

Map of KIDECO's Sales Markets [102-6]

Organization Scale [102-7]

Description	Unit	2021	2020	2019
Total Employee	People	632	552	523
Total KIDECO Employee - union members	People	374	337	333
Number of areas of operation (head office & mining site)	Area	3	3	3
Balance Sheet				
Total asset		902.9	489.5	509.9
Total liability	Million USD	517.7	280.7	266.2
Total equity		385.2	208.8	243.6
Coal Production and Reserves				
Proven and Estimated Reserves*	Ton	436.9	465.3	531
Production		35,821,057	33,004,280	34,281,940

Note: *The reserves data was adapted from the matrix document 4a RKAB 2022

External initiatives [102-12]

External Initiatives	Status
Corporate Forum for Community Development	Member
Mining CSR Forum of East Kalimantan Province	Member
CSR Forum of Paser Regency	Chairman
CSR Forum of Ministry of Social of East Kalimantan Province	Member
KIDECO HR Forum	Chairman
HR Forum of Paser Regency	Member

Certifications

Name of Certification	Organizing Body	Validity Period
PAS 99:2012 Integrated Management System	British Standard Institution (BSI) Indonesia	2020 - 2023
ISO 9001:2015 Quality Management System	British Standard Institution (BSI) Indonesia	2020 - 2023
ISO 14001:2015 Environmental Management System	British Standard Institution (BSI) Indonesia	2020 - 2023
ISO 45001:2018 OHS Management System	British Standard Institution (BSI) Indonesia	2020 - 2023
ISO 50001:2018 Energy Management System	British Standard Institution (BSI) Indonesia	2019- 2022
SMK3 of PP 50 of 2012 on OHS Management System	SUCOFINDO c/q Ministry of Manpower of the Republic of Indonesia	2019- 2022
ISO 37001:2016 on Anti Bribery Management System	British Standard Institution (BSI) Indonesia	2020 - 2023

Non-Certifications

Standard/Regular	Stage	Department
ISO 31000:2018 on Enterprise Risk Management System	Implementation stage	ERM Dept.
Decree of the Directorate General of Energy and Mineral Resources (ESDM) Number 185.K/37.04/DJB/2019 on Mining Safety Management System	Implementation stage	HSE Dept.
ISO 14040: 2016, ISO 14044:2017, and Regulation of Directorate General of PPKL Number 14 KLHK on Life Cycle Assessment	Environmental impact assessment through the impact category of global warming (global warming 100a), acidification, eutrophication, ozone layer depletion, as well as energy and renewable energy use for KIDECO's Coal Life Cycle	Planning Dept. -CMS
Energy Audit	Implementation stage	CMS

Membership in Associations [102-13]

KIDECO actively involves in organizations and associations that are relevant with the Company's activities, but there is no financial contribution made except membership fee.



Member

Employees' Composition

Overall, total full-time employee as of the end of 2021 amounted to 632 people, consisting of 563 men, or 89.1%, and 69 women, or 10.1%. They are placed in Jakarta Head Office and in areas of operation in Paser Regency. In 2021, there were 12,576 other employees worked in KIDECO. Other workers mentioned here are business partners involved in complying with the supply required for the operation. [102-8][102-41][401-1]

All employees in KIDECO have involved local manpower, namely communities in Paser Regency and other regions in East Kalimantan. The Company is also committed to practice diversity. This has enabled harmonization among employees and in work.

Total KIDECO Employees Based on Gender [102-8]

Description	2021	2020	2019
Men	563	501	478
Women	69	51	45
Total	632	552	523

Total Employees and Other Workers in KIDECO [102-8]

Description	2021	2020	2019
KIDECO Employees	632	552	523
Other Workers (Business Partners)	12,576	12,585	12,711
Total	13,208	13,137	13,234

Total KIDECO Employees Based on Employment Status [102-8]

Description	2021	2020	2019
Permanent Employee	500	487	496
Non-Permanent Employee	132	65	27
Total	632	552	523

Total KIDECO Employees Based on Origin [102-8]

Employee's Origin	2021	2020	2019
Paser Regency	328	323	319
Other Regencies in East Kalimantan Province	69	53	46
Other Regions in Indonesia	227	166	148
Foreign Citizens (Expatriate)	8	10	10
Total	632	552	523

Recruitment of KIDECO New Employees in 2021 [401-1]

Areas of Operation	Men	Women	Total
Roto Samurangau	84	19	103
Susubang Uko	0	0	0
Jakarta Office	9	4	13
Total	93	23	116

Turnover Rate (%) [401-1] [102-48]

2021	2020	2019
2.24	1.52*	1.54*

*There was a restatement in 2020 and 2019

Total Employees Exiting KIDECO and their Reason in 2021

Background	Men	Women	Total
Pension	14	0	14
Resignation and Changing Job	11	4	15
Demise	3	0	3
Layoff - (End of Contract)	14	0	14
Total	42	4	46

All KIDECO employees are protected by Collaborate Labor Agreement, which is developed by the management along with the workers' unions, namely All Indonesian Workers' Union (SPSI), Indonesian Workers Welfare Union (SBSI), Paser Workers Union (SPP), and Coal Workers Union (SP Bara). Number of KIDECO's employees with Indonesian citizenship are fully protected (100%) with CLA. We allow the establishment of workers' union or collective discussion in the areas of mining operation. [102-41] [407-1]

Workers Union (SP) Membership

Description	2021	2020	2019
Total KIDECO Employees	632	552	523
Total KIDECO Employees – SP Members	374	337	333
Percentage of Membership (%)	59.2	61.1	63.7

Business Process and Supply Chain

KIDECO's business process and supply chain are per the Decree of Minister of ESDM Number 1953K/06/MEM/2018 on the Use of Operational Goods, Capital Goods, Equipment, Raw Materials, and Other Supporting Materials Obtained Domestically in the Energy and Mineral Resources Sector.

The decree is conducted through the Company's operations and business activities, in which there are no community/small-scale mining activities found in KIDECO's mining areas. Instead, the Company involves business partners in

the supply chain, which prioritizes local companies, and uses operational goods, capital goods, equipment, raw materials, and other supporting materials from within the country. Based on these efforts, KIDECO managed to be a coal mining company with the best domestic component level (TKDN) based on an assessment by the Indonesia Mining Association. The types of suppliers which are involved by the company consist of suppliers for heavy equipment, raw materials providers for operations, and others. [102-9]

Business Process, Supporting Facilities, and Partner Companies in KIDECO's Supply Chain

Business Process	Activities and Supporting Facilities	Number of Partner Companies
Mining	<ol style="list-style-type: none"> Open mining. 53 units of excavators. 340 units of dump trucks 	6*
Crushing Plant	<ol style="list-style-type: none"> 4 haul roads, spanning 3-20 km, especially dedicated for the crushing plant. 10 units of magnetic crusher with 55 million tons/year capacity. 	0
Inland Transportation	<ol style="list-style-type: none"> A specifically dedicated haul road of 39 km in length to the port. Over 100 units of Hauler trucks with the carrying capacity of 100.000 million tons/day. 	3**
Storage and Port Facility	Tanah Merah Coal Terminal (TMCT) is internationally certified with 55 million tons capacity. There were 21 units of conveyors with Magnetic Separators. Metal Detectors were also installed to avoid the metal mixing with coal.	0
Transshipment	Offshore transshipment facility in Adang Gulf, complete with 3 Floating Loader Facility (FLF) and 3 units of Floating Crane (FC).	3***

* Petrosea (PTRO), Sims Jaya Kaltim (SIMS), Pamapersada Nusantara (PAMA), Bima Nusa Internasional (BIMA), Karebet Mas Indonesia (KMI), Karya Kembar Bersama (K2B).

**Mandiri Herindo Adiperkasa (MHA), Samindo Utama Kaltim (SUK), Trasindo Murni Perkasa (TMP).

*** Cotrans Asia (CTA), Mitra Bahtera Segara Sejati (MBSS), Sea Bridge Shipping (SBS).

KIDECO is also committed to involve local and national suppliers in goods procurement and encourage them to purchase domestic products. Domestic products, according to the Company, are those that are manufactured and sold by local suppliers at regency, province, and national level. The realization of goods expenditure on domestic products in 2021 reached 100% of the total goods expenditure which was realized at USD146.20 million. [204-1]

By engaging local suppliers, it will also contribute to Regional Own Revenue (PAD) and employment opportunities for local community. There is significant indirect impact to KIDECO in the form of support for the company operations by involving local vendors residing around the company's work areas. Local vendors are vendors with legal body and established based on Law of the Republic of Indonesia, domiciled in the country (Indonesia), and have Domestic Capitals (PMDN), or Foreign Investment (PMA). [203-2]

Realization of Goods Expenditure (Million USD)

Year	Domestic Product	Import Product	Total	Percentage
	1	2	3	1:3
2021	146.20	0	146.20	100
2020	86.30	1.52	87.82	98.27
2019	110.25	1.88	112.13	98.32

Percentage of Partner Companies Based on Domicile (%) [204-1]

Domicile	2021	2020	2019
Local Companies in Paser Regency	11.52	0.9	0.4
Local Companies in Other Regions in East Kalimantan	32.92	3.4	3.4
National	55.56	95.7	96.2
Total	100	100	100

Despite KIDECO's large realization of domestic product expenditure, the Company still had to face obstacles in realizing the Domestic Component Level (TKDN). The 2021 percentage of TKDN reached 34.82%. Below are the obstacles encountered in fulfilling TKDN value:

1. Many circulating domestic products have not been registered at the Increase of Domestic Products Use (P3DN) Division, Ministry of Industry, for TKDN certification.
2. No comprehensive data on capital goods of domestic production for mineral mining activities with TKDN.
3. Limited availability of necessary domestic goods.
4. Some vendors conducted TKDN self-assessment without registering to the Increase of Domestic Products (P3DN) division, Ministry of Industry for TKDN certification.
5. Company's equipment still relied on international supplies which required KIDECO to import the materials/products abroad, as they were not available.



Mangrove Planting Program in Coastal Areas of Paser Regency

About the Sustainability Report

The 2021 KIDECO Sustainability Report contains information on sustainability and economic performance, as well as environmental, social, and governance (ESG) aspects. The reporting period was from 1 January to 31 December 2021. The information presented is a continuance of the 2020 Sustainability Report, which was published on 2 August 2021. We made several restatements on information data from the previous report which were insignificant by nature. The restatements in this report are affected by adjustments of scope and changes of calculation method. This Sustainability Report will be published every year by the company. [102-48][102-49][102-50][102-51][102-52]

This Sustainability Report has been prepared as per GRI Standards: Core Option and is supplemented with the Index at the end of the Report. KIDECO does not have subsidiaries so that all information pertaining to financial performance derives from KIDECO and has been audited by a Public Accounting Firm (KAP). The reporting of

sustainability performance encompasses material topics that include mining areas of operation in Paser Regency and Jakarta Head Office. Several information in the reporting was adjusted to the supporting information disclosure in the achievement of the Sustainable Development Goals (SDGs). [102-45, 102-54, 102-55]




















The defining material topics in the Sustainability Report referred to KIDECO's dynamic sustainability performance in 2020 and 2021, including the COVID-19 pandemic while considering ESG-related global issues. The reporting preparation emphasizes on the defining report content principles, which are materiality, sustainability context, stakeholder inclusiveness, and completeness.

KIDECO held a Focused Group Discussion (FGD) with academics on 27 January 2021 to determine the materiality topics. The materiality topics discussed in this report are results of the FGD and they have been reviewed and approved by the Board of Directors.

Process Stage of Defining Report Content [102- 32][102-46]

Identification	Priority	Validation	Review
Sustainability aspects that impact stakeholders and economic, social, and environmental performance of KIDECO, whether in Jakarta Head Office or mining business areas.	Defining every material topic that is deemed priority through discussions with KIDECO's Management.	Validating material topics and scope boundaries of the reporting by KIDECO's Board of Directors.	Internal and external evaluation based on feedback and suggestions to improve the reporting quality.

Material Topics and Boundaries [102-47]

No.	Material Topics & Sustainable Development Goals (SDGs)	Boundaries and Impacts to Stakeholders	
		Head Office	Mining Operation Areas
1	Occupational Health and Safety   	<ul style="list-style-type: none"> Government 	<ul style="list-style-type: none"> Local Government Employee Business Partner Community
2	Good Corporate Governance  	<ul style="list-style-type: none"> Shareholder Government 	<ul style="list-style-type: none"> Local Government Employee Business Partner Customer Community
3	Biodiversity 	<ul style="list-style-type: none"> Government 	<ul style="list-style-type: none"> Local Government Employee Business Partner Community
4	Energy  	<ul style="list-style-type: none"> Government Shareholder 	<ul style="list-style-type: none"> Local Government Employee Business Partner
5	Water and Effluent 	<ul style="list-style-type: none"> Government 	<ul style="list-style-type: none"> Local Government Employee Business Partner Community
6	Waste 	<ul style="list-style-type: none"> Government 	<ul style="list-style-type: none"> Employee Business Partner Community
7	Emission 	<ul style="list-style-type: none"> Government 	<ul style="list-style-type: none"> Local Government Employee Business Partner Community
8	Local Community Engagement        	<ul style="list-style-type: none"> Government Shareholder 	<ul style="list-style-type: none"> Local Government Employee Business Partner Community

KIDECO has performed assurance over this report, and it was led by an external independent party, SR Asia Indonesia. The assurance process was carried out virtually by having all Functions involved. For assurance results, see page 108-111. The Independent Party was not involved in the development of this report while the management had a role in selecting “assurance licensed provider”. [102-56]

Other information related to the Report, please contact: [102-53]

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Environmental Performance



The sustainability performance in environmental management is considered as a support for preventing impacts from climate change and preserving the environment. KIDECO also backs carbon absorption and greenhouse gas (GHG) emission reduction by leading reclamation with land revegetation and rehabilitation, energy efficiency, emission control, waste management, and water use management.

Management Approach [103-1, 103-2, 103-3]

Environmental performance is vital as it directly influences the efforts made in climate change impacts prevention and environmental preservation. KIDECO is committed to prevent the climate change impacts stemming from mining activities in Roto Samurangau and Susubang Uko, as well as to support environmental preservation endeavors. Environmental performance that became material topics include biodiversity, energy, water and effluent, waste, and emission. The strategies conducted are implementing ISO 14001:2015 Environmental Management System, ISO 50001:2018 Energy Management System, and Mining Safety Management System (SMKP), as well as renewable energy use initiatives. The environmental management is under the responsibility of Head of Mine Engineering and evaluated by the Board of Directors through the mechanism of key performance indicator (KPI) achievement. The 2020 environmental management performance was conducted well, being awarded with PROPER Gold by the Ministry of Environment and Forestry.

Environmental Management Policy and its Performance Achievement

KIDECO's Commitments	KIDECO's Specific Goals	Environmental Specific Goals
Integrated Management Standards (Pas 99): <ul style="list-style-type: none"> Quality Management System (ISO 9001) Occupational Health and Safety System (OHSAS 18001, SMK3 and SMKP) Environmental Management System (ISO 14001) Energy Management System (ISO 50001) Good mining practice 	<ul style="list-style-type: none"> Quality/Operational Occupational Safety and Mining Operation Safety Occupational Health Environment 	Environmental Specific Goals <ul style="list-style-type: none"> Ensuring all living environments to be taken into account in all operations within the company Preventing pollution and reducing incidents in the declining environmental capacity Performing reclamation in post-mining areas to be productive, stable, and safe in accordance with its locations as well as ensuring mine closure plan is planned well according to applicable regulations. Creating and heightening environmental awareness, and requiring all employees, contractors, and sub-contractors of KIDECO to be responsible towards the environment Implementing the 4R aspect (Reduce, Reuse, Recycle, Recovery) in B3 and Non-B3 waste management program, life cycle perspective, and Life Cycle Assessment (LCA) for measuring potential environmental impacts Monitoring and preserving biodiversity Conserving water resources and reducing water pollutant load Reducing air pollution, conventional pollutant substances, and greenhouse gas

KIDECO's environmental management is run by Environment Section – Safety & Environment Department, which is led by Head of Mine Engineering. This year, KIDECO won Green National PROPER from the Ministry of Environment and Forestry (KLHK), as well as Gold Province PROPER from the Government of East Kalimantan Province. This was

supported by all mining activities in Mining Business Area (WUP) Roto Samurangau and WUP Susubang Uko, which have been equipped with permit documents. [102-20]

KIDECO's PROPER Rank

Award	2021	2020	2019
National PROPER	Green	Gold	Gold
PROPER of East Kalimantan	Gold	Gold	Gold
GMP in the Aspect of Environmental Protection of the Ministry of ESDM	Aditama (Gold)	Aditama (Gold)	Subroto Award Finalist

Permit Document Completeness

Type of Document	Block and Document Number	
	Roto Samurangau	Susubang Uko
Feasibility Study	Directorate General of Mineral and Coal: Number 906/31.06/DJB/2020 of 4 August 2020.	Directorate General of Mineral and Coal: Number 608/31.02/DJB/2018 of 24 March 2018.
Environmental Impact Assessment (Amdal)	Regent of Paser: Number 660/009/IL/BLH/2015 of 28 August 2015. Capital Investment and One-Door Integrated Service Office/DPMPSTP (Addendum of AMDAL & RKL-RPL) Number 503/1137/DPMPSTP-02/41 of 3 October 2019.	DPMPSTP: Number 530/006/DPMPSTP.3.7/XII/2017 of 27 December 2017.
Reclamation Plan	Five-Year Reclamation Guarantee of 2018-2022 of DJMB-KESDM: Number 1807/37.06/DJB/2019 of 24 October 2019. Stipulation of Five-Year Reclamation Guarantee of 2018-2022 of DJMB-KESDM: Number B-298/MB.07/DJB.T/2022 of 23 January 2022.	Five-Year Reclamation Guarantee of 2020-2023 of DJMB-KESDM: Number 491/37.06/DJB/2020 of 21 April 2020
Post-Mining Plan	Directorate General of Mineral and Coal: Number 558/30/DJB/2012, 7 February 2012 Directorate General of Mineral and Coal: Number B-346/MB.07/DJB.T/2022 of 24 January 2022 (Approval of Amendment)	Directorate General of Mineral and Coal: Number 1528/37/DJB/2019, 11 September 2019.



Carbon Absorption-Supporting Reclamation and Rehabilitation Land

The Company practices open mining operations which directly impact the immediate environment along with the biodiversity in it. The diminishing trees will lower carbon absorption, causing incidental effect to to the climate change impacts.

Efforts realized by the Company are restoring the carrying capacity of carbon absorption and reduce the climate change impacts through sustainable reclamation and rehabilitation activities in post-mining areas to generate added values for the environment. This strategy is continuously renewed through innovations, one of which is this year's program called "With Teachers, Together We Enrich Green Generation Literacy". The aim of this program was to enrich the green generation literacy by distributing

biodiversity books to several groups of community, such as Lecturers, Educators, Students, College Students, NGOs, Governments, and Stakeholders.

Moreover, KIDECO also optimized the nursery center in WUP Roto Samurangau of 2 Ha with 800,000 seedlings capacity per year, and in WUP Susubang Uko with 2,000 seedlings capacity per year. The presence of the nursery center will help supply seedlings required for reclamation activity run by the Company.

Land Reclamation and Revegetation [304-3]

The realization of land reclamation activities in WUP Roto Samurangai in 2021 reached 442.62 Ha, making the cumulative extent of the land reclamation to 4,457.81 Ha. The realization of land reclamation activities in WUP Susubang Uko in 2021 spanned 29.02 Ha that the cumulative extent of the land reclamation changed to 151.56 Ha. Hence, the cumulative area of the reclaimed land up to the end of the reporting period totaled 4,609.37 Ha. In rehabilitating the land, KIDECO joined forced with different parties, including the government.

Realization of Reclamation (Ha) [304-3] [302-48]

WUP	2021		2020		2019	
	Realization	Cumulative	Realization	Cumulative	Realization	Cumulative
Roto Samurangau	442.62	4,457.81	393.59	4,018.03	502.00	3,624.44
Susubang Uko	29.02	151.56	32.60	150.09	25.97	117.49
Total	471.64	4,609.37	426.19	4,168.12	527.97	3,741.93

Note: Reutilization of the land reclamation in 2021 in Roto Samurangau Block and Susubang Uko spanned 2.84 Ha and 27.55 Ha respectively.

Discussion on land reclamation and revegetation in this report does not include mine closure plan as KIDECO is still in the process of extending the mining business activities permit with the Government, which will affect future mine closure plan.

Percentage of Land Reclamation to Mining Land and Realization of Reclamation and Revegetation Activities [304-3]

Description	Unit	2021	2020	2019
Mining Land Opening and Facilities	Ha	12,503.00	12,325.48	12,074.86
Reclamation Land		4,609.37	4,168.12	3,741.93
Percentage of Reclaimed Land to Mining Land	%	36.87	33.82	30.99
Number of Trees	Stem	4,299,386	3,959,341	3,692,641

Note: WUP Roto Samurangau and WUP Susubang Uko

The cumulative area of DAS rehabilitation in 2021 reached 5,113.40 Ha (including the 2020 DAS rehabilitation).

The rehabilitation of critical land in the 2021 DAS rehabilitation planting was accomplished in the first and second project.

- In Project 1, the planting activities completed the PO stage, spanning 4,000 Ha
- In Project 2, the planting activities completed the PO stage, spanning 1,113.40 Ha

Update: SK.3924/MENLHK-PDASHL/KTA/DAS.1/5/2021 of 21 May 2021 on the Amendment of Minister of Environment and Forestry Regulation No. SK.9320/MENLHK-PDASHL/KTA/DAS.1/11/2019 of 5 November 2019 on the Stipulation of Planting Locations in the Drainage Basin Rehabilitation on Behalf of PT KIDECO Jaya Agung.



Proboscis Monkeys in KIDECO's Tandarayan areas

Preserving Biodiversity

KIDECO is committed to support biodiversity preservation within the context of managing a sustainable environment. Such commitment is stated in a strategic plan, elaborated in an environmental policy. Even though KIDECO's operation results in emission, it still complies with the environmental quality standard and brings positive impacts to flora and fauna habitat. KIDECO's reclamation program also contributes positively to the environment, one of which is the increase of water supply accumulated in the reclaimed area. In the production operation stage, KIDECO targeted an area of 469.91 Ha to be reclaimed in 2021.

According to a biodiversity monitoring report, there were species discovered in the land reclamation which were included in the IUCN Red List and national conservation list. The reclaimed areas helped preserving and protecting the fauna. By reinforcing a sustainable reclamation, the number of animals or fauna found increased each year. Also, there had been no pest spotted in the reclaimed area and upsetting the flora and fauna living in the reclamation area. [304-2]

Area of Production Operation Permit

WUP	Forest Estate			Non-Forest Estate	Percentage	Total
	Forest Conservation	Protection Forest	Production Forest			
Roto Samurangau	-	-	11,975.66	15,484.34	80%	27,460.00
Susubang Uko	-	59.00	1,897.00	4,947.00	20%	6,903.00
Jumlah	-	59.00	13,872.66	20,431.34	100%	34,363.00

Unit in Ha.

KIDECO operates mining activities by performing open pit mining in areas with a status of forestry cultivation zone (production forest and limited production forest) and those that have Areas for Other Land Uses (APL). In addition, activities involved in the Nature Reserve are transportation and special docks for KIDECO coals which are also partly located in Teluk Adang nature reserve, which is implemented in accordance with the Forestry Minister Regulation No. P.85/Menhut-II/2014 on the Procedures for Cooperation in the Management of Nature Reserves and Nature Conservation Areas, as well as amendments in the Environment and Forestry Minister Regulation No. P.44/MENLHK/SETJEN/KUM.1/6/2017 on the Amendment of P.85/Menhut-II/2014. KIDECO has the legality in the form of Addendum of Cooperation Agreement of 2021 between Chief of BKSDA Kaltim and KIDECO of which Number: PKS.85/K.18/TU/PK/3/2021, Number: PKS.024/KJA/LGL/CON/III/2021 pertaining to the Strategic Development that is inevitable due to roads and docks use of ± 77.58 Ha and river spanning ± 8.34 KM in Teluk Adang Nature Reserve, Paser Regency, East Kalimantan Province. [304-1]

Land and Waters Monitoring

Efforts of preserving biodiversity are practiced through periodical monitoring around the land reclamation areas, mining areas, and the waters. Of the monitoring results, several protected animals were found, consisting of 15 mammals and 28 avifauna in Roto Samurangau Block and Susubang Uko Block. Furthermore, based on the 2021 monitoring results, in the waters around the mining area there was zero protected nekton which are included in the Regulation of the Minister of Environment and Forestry of the Republic of Indonesia No. P.106/MENLHK/SETJEN/

List of Protected Species in the Reclamation Area [304-4]

No	Local Name	Binomial Nomenclature	Conservation Status Based on the IUCN Red List
1	Bekantan kahau	<i>Nasalis larvatus</i>	Endangered
2	Owa kalawat	<i>Hylobates muelleri</i>	Endangered
3	Lutung merah	<i>Presbytis rubicunda</i>	Least Concern
4	Lutung dahi-putih	<i>Presbytis frontata</i>	Vulnerable
5	Lutung kelabu	<i>Trachypithecus cristatus</i>	Near Threatened
6	Rusa sambar	<i>Rusa unicolor</i>	Vulnerable
7	Kijang muntjak	<i>Muntiacus muntjak</i>	Least Concern
8	Pelanduk napu	<i>Tragulus napu</i>	Least Concern
9	Beruang madu	<i>Helarctos malayanus</i>	Vulnerable
10	Kucing tandang	<i>Prionailurus planiceps</i>	Not Available
11	Kucing merah	<i>Catopuma badia</i>	Endangered
12	Kucing kuwuk	<i>Prionailurus bengalensis</i>	Least Concern
13	Trenggiling peusing	<i>Manis javanica</i>	Critically Endangered
14	Kukang	<i>Nycticebus menagensis</i>	Vulnerable
15	Pelanduk kancil	<i>Tragulus javanicus</i>	Data Deficient

List of Protected Avifauna in the Reclaimed Area

No	Local Name	Binomial Nomenclature	Conservation Status Based on the IUCN Red List
1	Baza jerdon	<i>Aviceda jerdoni</i>	Least Concern
2	Elang berontok	<i>Spizaetus cirrhatus</i>	Least Concern
3	Elang bondol	<i>Haliastur Indus</i>	Least Concern
4	Elang hitam	<i>Ictinaetus malayensis</i>	Least Concern
5	Elang tikus	<i>Elanus caeruleus</i>	Least Concern
6	Elang tiram	<i>Pandion haliaetus</i>	Least Concern
7	Elang-alap jambul	<i>Accipiter trivirgatus</i>	Least Concern
8	Elang-ikan kecil	<i>Ichthyophaga humilis</i>	Near Threatened
9	Elang-laut perut-putih	<i>Haliaeetus leucogaster</i>	Least Concern
10	Kangkareng hitam	<i>Anthracoseros malayanus</i>	Vulnerable
11	Kangkareng perut-putih	<i>Anthracoseros albirostris</i>	Least Concern
12	Rangkong badak	<i>Buceros rhinoceros</i>	Vulnerable
13	Takur ampis	<i>Calorhamphus fuliginosus</i>	Least Concern
14	Takur gedang	<i>Psilopogon chrisopogon</i>	Least Concern
15	Takur topi-emas	<i>Megalaima henricii</i>	Near Threatened
16	Takur tutut	<i>Megalaima rafflesii</i>	Near Threatened
17	Cabak kolong	<i>Caprimulgus concretus</i>	Vulnerable
18	Cica-daun besar	<i>Chloropsis sonnerati</i>	Endangered
19	Cica-daun kecil	<i>Chloropsis cyanopogon</i>	Near Threatened
20	Bangau tongtong	<i>Leptoptilos javanicus</i>	Vulnerable
21	Alap-alap capung	<i>Microhierax fringillarius</i>	Least Concern
22	Alap-alap macan	<i>Falco severus</i>	Least Concern
23	Burung-madu sepah-raja	<i>Aethopyga siparaja</i>	Least Concern
24	Paok hijau	<i>Pitta sordida</i>	Least Concern
25	Paok hujan	<i>Pitta moluccensis</i>	Least Concern
26	Paok kepala-biru	<i>Pitta baudii</i>	Vulnerable
27	Kipasan belang	<i>Rhipidura javanica</i>	Least Concern
28	Tiong emas	<i>Gracula religiosa</i>	Least Concern

KUM.1/12/2018 on the Second Amendment of the Regulation of the Minister of Environment and Forestry No. P.20/MENLHK/SETJEN/KUM.1/6/2018 on the Types of Protected Plants and Wildlife.

KIDECO is aware that mining activities can create impacts to the ecosystem sustainability. Through KIDECO Care Program, we maintain the preservation of protected animals by building a wildlife corridor and planting multi purpose tree species, involving local people. There was additional fauna, consisting of 1 fauna, 3 types of avifauna, and 4 types of insects. Cumulatively, in 2021, there were 47 mammals, 134 avifauna, 33 herpetofauna, and 424 insects. Ever year, monitoring and

evaluation are performed, involving PT. ECOSITROP which is domiciled in Samarinda. The methodology used is direct and indirect observation through camera traps setup and wildlife capture using mist net, insect net, and grab stick. [304-3][MM2]

Another activity in increasing the biodiversity is by monitoring aquatic biota across 34 points, including the upstream and downstream river as well as Teluk Adang waters. According to the monitoring results, the average of biodiversity index for aquatic biota was at medium range ($H' > 1$). The uniformity index of the entire location shows the community was at a stable condition ($E' > 0.75$). This shows the community was not dominated by a certain type of species.



Efficient and Renewable Energy for GHG Emission Reduction



KIDECO makes efforts to manage the use of energy efficiently to sustain the GHG emission reduction through continuous innovations and renewable energy use as utilizing fuel-based energy in mining activities and its supporting activities will affect the emission load of the Greenhouse Gas (GHG) released into the air.



Energy Use and Saving

Fuel-based energy use which is concentrated in the mining activities and supporting actions may affect the emission load from the Greenhouse Gas (GHG) released into the air. KIDECO strives to manage the energy use efficiently to reduce emission (GHG) by performing continuous innovations and utilizing renewable energy.

Energy is also used to support mining operations and other operational activities. The energy used in WUP Roto

Samurangau and Susubang Uko is B30 for transportation and self-owned power plants. The energy source used at Central Jakarta Head Office is supplied by PT PLN (Persero) and fuel for operational vehicles. This report discloses information on energy use inside and outside company. The calculation is performed by converting the volume of fuel use to an energy unit (GJ) based on a method on the Energy Audit results. The total energy volume used in 2021 was 13,595,383 GJ with Energy Intensity of 0.38 GJ/ton of coals. [302-1, 302-2, 302-3]

Energy Use Inside and Outside of KIDECO and Energy Use Intensity [302-1, 302-2, 302-3]

Scope	Energy Source	Unit	2021	2020	2019
KIDECO	B30		623,531	597,309	641,214
Contractor	B30	GJ	12,971,851	12,976,038	13,929,754
Total Energy Use (KIDECO + Contractor)			13,595,383	13,573,347	14,570,968
Energy Intensity	Total Production	Ton	35,821,057	33,004,280	34,281,940
	Number of Energy Intensity	GJ/ton	0.38	0.41	0.43

Energy Audit Results

The energy source used by KIDECO is BBM Biosolar B30. KIDECO completed an energy audit by PT Tracon Industri in 2021 by analyzing the energy consumption results in 2020 and in the first semester of 2021. The largest energy use is detected in three processes, namely material removal or a transfer process of cover rocks material with 63% energy, followed by coal hauling with 12% energy, and coal mining with 10% energy. These processes require the largest heavy equipments in KIDECO. The assessment results led with Energy Management Self Assessment Tools (EMA) stated that the energy management system in KIDECO is in good condition, combined with the commitment upheld by the

management on maintaining the energy efficiency at a relatively high level. Below are the recommendations given by PT Tracon Industri to KIDECO:

- To control capacity ratio & variable relevant to the best practice level;
- To utilize PLN's electricity to replace the power from genset;
- To control crusher's operational load to the best practice level;
- To reduce the number of start stop incinerators;
- To install Variable Speed Drive (VSD) to set up the impeller speed.

Sustainable Innovation and Renewable Energy

In 2021, KIDECO introduced an innovation by cultivating the use of alternative energy/new renewable energy (EBT) to bolster energy efficiency with the installation of Solar Power Plant (PLTS) around the employees' basecamp. Through this activity, the use of B30 for genset can be reduced to meet the electricity needs in the employees' basecamp. This program started in the beginning of 2021 and managed to reach an energy efficiency of 1,765 GJ, equivalent to a saving value of Rp392.51 million. This innovation also lowered the air pollution load generated.

In compliance with the Presidential Regulation No. 66 of 2018 which controls the extent use of biofuel of 20% for solar diesel (B20), currently KIDECO uses B30. The total use of biofuel (B30) in 2021 reached 357,074,118 liters (100%). KIDECO also cultivates solar cells for small-scale power plants, whether for supporting facilities in production area or through corporate social responsibility (CSR) programs.

Volume of Use and Biofuel Cost

Year	Use of Biofuel (100%)	
	Volume (Gigajoule)	Cost (USD)
2021	13,595,383	181,213,075
2020	13,573,347	113,471,866
2019	14,570,968	198,353,126

Energy Saving

In 2021, KIDECO successfully endeavored to save the energy use, among others were the implementation of Fuel Management System (FMS), Vendor Held Stock (VHS), and audit energy by a certified independent party every three years. The value of total energy saving in 2021 reached

253,912.64 GJ, saving Rp57.46 billion. KIDECO had a target to reduce the energy use intensity by 1% annually while the realization in 2021 was 7.7% from the previous year. The basis for calculating the energy use reduction referred to the previous year. [302-4]

Efforts in Saving Energy and their Achievements [302-4]

Effort	Energy Value Saved (GJ)		
	2021	2020	2019
Solar cells use in the mining areas	16,979.96	17,270.55	17,270.55
Solar cells use in the fostered villages	13,295.58	13,295.58	13,295.58
Used lubricants consumption as diesel fuel substitution in blasting activities	19,461.08	21,347.94	12,336.11
Lighting system replacement in overburden excavation activities	27,377.02	16,426.21	14,275.16
Bottom plug stick use in blasting activities	67,514.82	1,489.64	3,515.03
Mud handling system replacement with pump installation on excavator units	69,538.14	42,693.78	32,668.10
Installation of sound reduction equipments on HD 777D units	2,568.01	1,050.35	144.12
Self-sufficient through refilled RO technology-based drinking water	190.52	190.52	47.63
Biodigester in IFS areas	25,013.26	17,659.44	29,116.99
Installation of FECO (Auto Economod) on HD units to reduce fuel consumption in OB removal activities.	11,974.25	5,987.12	Program has yet started

Efforts of Saving Energy and their Achievements [302-4]

Effort	Cost Value Saved (Million Rp)		
	2021	2020	2019
Solar cells use in the mining areas	3,814.04	2,111.60	3,320.39
Solar cells use in the fostered villages	2,986.46	1,625.59	2,556.17
Used lubricants consumption as diesel fuel substitution in blasting activities	4,371.35	2,610.12	2,371.71
Lighting system replacement in overburden excavation activities	6,149.43	2,008.36	2,744.51
Bottom plug stick use in blasting activities	15,165.19	182.13	675.79
<i>Mud handling system replacement with pump installation on excavator units</i>	15,619.67	5,219.98	6,280.69
Installation of sound reduction equipments on HD 777D units	576.83	128.41	27.71
Self-sufficient through refilled RO technology-based drinking water	42.80	32.53	8.13
Biodigester in IFS areas	6,052.00	4,272.45	7,044.43
Installation of FECO (Auto Economod) on HD units to reduce fuel consumption in OB removal activities.	2,690.00	732.00	Not started yet



Integrated Farming System

GHG Emission Control and Reduction

KIDECO continues to make efforts in controlling and reducing GHG emission by monitoring and measuring the GHG Scope 1 emission of GRI Standard, which is a GHG emission released from operating heavy equipments during coal mining and coal hauling. The calculation system for GHG emission load adheres to the Regulation of Minister of KLHK No. 4 of 2014. KIDECO has also completed calculating the GHG emission starting from Scope 1 and Scope 2. The

total GHG emission in 2021 reached 768,756.48 tons CO₂eq, which was higher than the total GHG emission in 2020, which arrived at 767,510.58 tons CO₂eq. This occurred due to higher coal production while the 2021 GHG emission intensity showed 0.021 tons CO₂eq/ton of coal, which was lower than the 2020 GHG emission intensity, reaching 0.023 tons CO₂eq/ton of coal. The calculation of emission intensity only covered the Scope 1 of 0.021 tons CO₂eq/Ton.

Calculation of Volume and GHG Emission Intensity [305-1][305-4] [102-48]

Description	Unit	Average Measurement Result		
		2021	2020*	2019
GHG Emission Generated by KIDECO	Ton CO ₂ eq	35,257.83	35,257.83	47,421
GHG Emission Generated by Contractors with the energy sourced from KIDECO	Ton CO ₂ eq	733,735.65	733,498.65	1,030,178
Total GHG Emission	Ton CO ₂ eq	768,756.48	767,510.48*	1,077,599
Total Coal Production	Ton	35,821,057	33,004,280	34,281,940
GHG Emission Intensity	Ton CO ₂ eq/Ton	0.021	0.023	0.032

*There was a Restatement of 2020 where the emission calculation started using a calculation method on B30 fuel use (which previously was solar diesel).

Indirect GHG Emission (Scope 2) [305-2]

GHG Emission of Scope 2 refers to indirect GHG emission generated from power purchase by KIDECO to Perusahaan Listrik Negara (PLN) to meet the electricity needs at KIDECO Office in Balikpapan and Jakarta. The calculation and reporting methodology on GHG emission is based on "The Greenhouse Gas Protocol: GHG Protocol: A Corporate Accounting and Reporting Standard-Revised Edition". This standard was established in a partnership between World Resources Institute and World Business Council for Sustainable Development.

Results of Indirect GHG Emission Measurement (Scope 2) (ton CO₂e) [305-2]

Description	Unit	Average Measurement Result		
		2021	2020	2019
GHG Emission Generated by KIDECO	Ton CO ₂ eq	43.81	53.00	
GHG Emission Generated by Contractors with the energy sourced from KIDECO	Ton CO ₂ eq	-	-	KIDECO has yet performed a calculation on emission scope 2
Total GHG Emission	Ton CO ₂ eq	43.81	53.00	
Total Coal Production	Ton	35,821,057	33,004,280	

Another effort made by KIDECO was by monitoring and measuring the ambient air quality, which was conducted at an external laboratory, Balai K3 Samarinda and Adhikarilab Indonesia. The measurement adhered to the quality standards in PP No. 41 of 1999 on the National Ambient Quality Standards, PP No. 22 of 2021 (Appendix VII) on the Implementation of Environmental Protection

and Management, Permenaker No. 5 of 2018 on the Occupational Health and Safety in the Work Environment and Kepmen LH No. 48/Menlh/11/1996 on the Noise Level Quality. Based on the monitoring and measurement results in 2021, the ambient air quality in KIDECO sites was under the established threshold.

Air Quality Monitoring

No	Parameter	Unit	Environmental Quality Standard	Environmental Quality Standard	Average Monitoring Results		
					2021**	2020*	2019*
Roto Samurangau Block							
1	CO	µg/Nm ³	30,000	4,000	777.11	346.67	325.42
2	NO ₂	µg/Nm ³	400	65	17.73	33.37	35.13
3	SO ₂	µg/Nm ³	900	75	31.61	32.14	33.98
4	TSP						
	Residence	µg/Nm ³	230	230	57.36	126.84	121.91
	Work Area	µg/Nm ³	230	230	58.40	146.61	142.60
Susubang Uko Block							
1	CO	µg/Nm ³	30,000	4,000	895.79	352.70	326.55
2	NO ₂	µg/Nm ³	400	65	14.22	26.70	36.45
3	SO ₂	µg/Nm ³	900	75	33.17	27.47	31.87
4	TSP						
	Residence	µg/Nm ³	230	230	34.88	103.64	146.39
	Work Area	µg/Nm ³	230	230	51.24	130.93	142.21

Note:

*Based on PP No. 41 of 1999 on Air Pollution Control

**Based on PP No. 22 of 2021 on the Implementation of Environmental Protection and Management

Noise Monitoring

No	Parameter	Unit	Environmental Quality Standard	Average Monitoring Results		
				2021	2020	2019
Roto Samurangau Block						
1	Residence	dB	55+3*	52.90	53.2	55.6
2	Work Area	dB	85**	59.60	53.1	54.8
Susubang Uko Block						
1	Residence	dB	55+3*	48.08	45.8	49.3
2	Work Area	dB	85**	52.19	49.0	48.0

Note:

*Based on Kepmen LH No. 48/Menlh/11/1996 on the Noise Level Quality

**Based on Permenaker No. 05 of 2018 on the Occupational Health and Safety in Work Environment

Efforts in Reducing Emission

Throughout 2021, KIDECO made an effort to reduce the GHG emission and other emissions. The baseline used as a calculation for reducing the scope 1 and scope 2 emission was the year 2020. The following are programs implemented for emission reduction.

- Revegetation on overburden areas and the integrated farming system areas. By activating the revegetation activities, the CO₂ emission gas was able to be absorbed by trees.

Revegetation Benefits for CO₂ Emission Reduction [305-5]

Description	Unit	2021	2020	2019
Revegetation in the Overburden Areas				
CO ₂ Emission Absorption	Ton CO ₂ eq	29,878.97	28,146.48	25,268.50
Saving Value	Million Rp	10,210.29	9,838.42	8,529.23
Revegetation in the Integrated Farming System (IFS) Areas				
CO ₂ Emission Absorption	Ton CO ₂ eq	39.15	35.48	35.68
Saving Value	Million Rp	13.38	12.40	12.04
DAS Rehabilitation	Ton CO ₂ eq	2,065.53	1,434.97	The program has not started
Saving Value	Million Rp	705.84	502.24	The program has not started
Success in GHG Emission Reduction	%	17.70	17.61	12.06

- The utilization of solar cells for lighting in the mining sites and electricity use for the public.

Benefits of Using Solar Cells for CO₂ Emission Reduction [305-5]

Description	Unit	2021	2020	2019
Solar Cells Use in the Mining Sites				
CO ₂ Emission Absorption	Ton CO ₂ eq	960.14	1,277.25	1,277.25
Saving Value	Million Rp	328.10	446.45	431.13
Solar Cells Use for the Public				
CO ₂ Emission Absorption	Ton CO ₂ eq	751.80	983.28	983.28
Saving Value	Million Rp	256.91	343.70	331.90



Solar cells PT Kideco Jaya Agung

- Energy utilization from the excavators as an energy source that replaced the tower lamp system for lighting system in excavation activities.

Benefits of Energy Use from Excavators as Tower Lamp Replacement [305-5]

Description	Unit	2021	2020	2019
LED Lights Installation on Excavators				
CO ₂ Emission Absorption	Ton CO ₂ eq	1,548.04	1,214.80	1,055.72
Saving Value	Million Rp	529	424.63	356.35

- Installation of sound reduction on HD units for saving fuel use during dumping process.

Benefits of Sound Reduction Installation on HD Units [305-5]

Keterangan	Satuan	2021	2020	2019
Sound Reduction Installation on HD Units				
CO ₂ Emission Absorption	Ton CO ₂ eq	145.21	77.88	10.66
Saving Value	Million Rp	49.62	27.22	3.60

- Replacement of the mud sediment handling system with pump installation on Excavator units.

Benefits of Replacing Mud Sediment Handling System with Pump Installation on Excavator Units [305-5]

Description	Unit	2021	2020	2019
Mud pump installation on Excavators				
CO ₂ Emission Absorption	Ton CO ₂ eq	3,932.06	3,157.43	2,415.98
Saving Value	Million Rp	1,343.67	1,103.66	815.50

- Use of Non-Halon Fire Extinguisher

Benefits of Using Non-Halon Fire Extinguisher [305-5]

Description	Unit	2021	2020	2019
Use of Non-Halon Fire Extinguishers				
CO ₂ Emission Absorption	Ton CO ₂ eq	98,847	98,847	98,847
Saving Value	Million Rp	33,778.21	34,551	33,365

- Biodigester in IFS Areas.

Benefits of Biodigester in IFS Areas [305-5]

Description	Unit	2021	2020	2019
Biodigester in IFS Area				
CO ₂ Emission Absorption	Ton CO ₂ eq	6.61	1.17	1.93
Saving Value	Million Rp	2.26	0.41	0.65

- Refilled drinking water using reverse osmosis technology

Benefits of Refilled Drinking Water Using Reverse Osmosis Technology [305-5]

Description	Unit	2021	2020	2019
Biodigester in IFS Areas				
CO ₂ Emission Absorption	Ton CO ₂ eq	10.77	14.09	3.52
Saving Value	Million Rp	3.68	4.93	1.19

- Use of water gun to substitute water trucks for watering the coal stockpile access road

Benefits of Water Gun Use as a Substitution to Water Trucks for Watering the Coal Stockpile Access Road [305-5]

Description	Unit	2021	2020	2019
Use of water gun				
CO ₂ Emission Absorption	Ton CO ₂ eq	15.50	20.27	20.27
Saving Value	Million Rp	5.30	7.09	6.84

Benefits of Absorbing the CO₂ Emission

Effort	CO ₂ Emission Absorption Tons CO ₂ eq			Saving Value (Million Rp)		
	2021	2020	2019	2021	2020	2019
Revegetation in the Overburden Areas	29,878.97	28,146.48	25,268.50	10,210.29	9,8383.42	8,529.23
Revegetation in IFS Areas	39.15	35.48	35.68	13.38	12.40	12.04

Total Conventional Emission Load [305-7]

Type of Emission	Unit	2021	2020	2019
NOx	Ton	734.76	597.46	219.56
SOx	Ton	2.39	5.81	6.31
CO	Ton	110.27	92.96	67.52
Particle	Ton	6.63	12.48	9.90

In 2021, KIDECO also endeavored to lower the emission load by introducing an innovation of water gun use as a replacement to water trucks operations on the coal stockpile access road/ The water gun unit was installed on several points in the stockpile areas without diminishing

the quality of watering required. This program brought positive impacts, such as watering on access roads which initially required two units of water truck, now are removed, hence there is zero emission generated from operating the water truck units.



HSE Department's technical team proceeded with field inspection in KIDECO's mining sites



Processing Waste into Organic Fertilizer

Waste Management to Prevent GHG Emission

The GHG emission also originates from Waste that KIDECO strives to manage the waste to reduce the potentials of GHG emission. The management is conducted based on 3R (Reduce, Reuse, Recycle) activities in accordance with the types and characteristics of waste generated.

Activities, Generated Waste, and its Management

Activities	Form and Type of Waste	Management
Open pit mining.	<ul style="list-style-type: none"> - Top soil - Overburden 	<ul style="list-style-type: none"> - Piled in mining sites and the surroundings. - As a backfill.
Heavy Equipment Operation and Automotive Workshop Health Center	Hazardous and Toxic Waste (B3)	<ul style="list-style-type: none"> - Stored in Temporary Dump Site (TPS) - Transferred to licensed third parties. - Reuse - Reduce.
Corporate Canteen	Non-B3 Waste	<ul style="list-style-type: none"> - Reuse - Recycle - Reduce

Topsoil and Overburden Management

Another strategy led by KIDECO in reducing the GHG emission is by managing the topsoil and overburden (OB) by stockpiling them in the mining sites and outside the mining sites. The stockpiling material then to be reused as backfill. [306-2]

Topsoil (TS) Volume [306-2]

Block	Unit	2021	2020	2019
Roto Samurangau		12,686,413	14,335,149	13,275,585
Susubang Uko	BCM	476,030	538,664	476,030
Total		13,162,443	14,873,813	13,751,615

Overburden (OB) Volume [306-2]

WUP	Unit	2021	2020	2019
Roto Samurangau		170.06	177.31	208.81
Susubang Uko	Million BCM	9.82	9.61	5.83
Total		179.88	186.92	214.64

B3 Waste Management and Processing [306-2]

Another strategy applied by KIDECO in reducing the GHG emission is by managing B3 waste. The B3 waste generated comes from operating heavy equipments. The waste is managed and processed through reuse, recycle, reduce, and then to be transferred to a licensed third party. An innovation which was introduced in 2021 was the installation of Power Inverter as an alternative lighting system in exploration activities. This is accomplished by means of engineering manipulation with Power Inverter installed on the drilling unit to change DC power input to AC power volt, resulting in electricity. Hence, genset is not of use anymore, meaning there is zero used lubricating oil.

Types of B3 Waste and their Management [306-2]

Types of Waste	Method of Processing
Used lubricating oil, used batteries, used lubricating oil filters, used hoses, used grease, clinical waste, used TL lights, used cartridges, incinerator ash, contaminated soil, electronic waste, laboratory waste, used B3 packacing waste.	B3 Waste Storage Activities <ul style="list-style-type: none"> - Stored in the Temporary Storage Site (TPS), which amounted to 26 units. - Obtaining a permit from the Paser Regent and Chief of DPMPSTP of Paser Regency. - Being handed over to licensed third parties for processing.
Clinical waste, used lubricating oil, solar diesel filter, used rag, and similar waste with the waste code of B110D (including used hoses).	B3 Waste Processing Activities <ul style="list-style-type: none"> - Decree of Minister of LHK No. SK.473/Menlhk/Setjen/PLB.3/7/2019 of 22 July 2019 (extension). - Decree of Chief of BKPM No. SK.1/1/KLHK/2020 of 3 March 2020.
Used lubricating oil.	B3 Waste Utilization Activities <p>To be reused as solar diesel replacement in blasting activities. Per the permit of Decree of Minister of LHK No. 376/Menlhk/Setjen/PLB.3/8/2018 of 31 August 2018.</p>

B3 Waste Generated (Ton) [306-3]

Types of B3 Waste	2021	2020	2019
Used lubricating oil	2,788.63	2,344.22	3,184.40
Used batteries	60.04	69.06	61.72
Used lubricating oil filters	99.53	82.34	110.29
Used rags	85.71	71.86	95.63
Hose	21.51	22.22	26.90
Grease	10.69	9.6	8.93
Clinical waste	27.31	14.53	0.32
TL Light	0.03	0.26	0.43
Cartridge*	0	0	0
Residue	14.28	4.31	4.36
Contaminated soil	20.88	9.91	13.26
Electronic waste	0.16	0	0.25
Laboratory waste	0.3	0.64	0.39
Used B3 packaging waste	5.28	2.34	0.62
Total	3,134.35	2,631.64	3,507.5

*) Procurement of printing is carried out under a rental system, so that used cartridges are managed by a rental service company

KIDECO continues creating innovation to reduce used lubricating oil by installing LED lamps for heavy equipments in excavation activities. The manipulation lowered the amount of used lubricating oil from the use of tower lamp generator, which initially required two units on each excavator. This innovation also unburdened the environmental load.

Additionally, KIDECO furthering its efforts in reducing the B3 waste generated by:

- Flushing differential oil, hydraulic & transmission;
- Replacing the mud handling system;
- Reducing the used lubricating oil by installing LED lamps on excavation units;
- Installing LED lamps on new buildings;
- Replacing tank packaging for lubricating oil packaging;
- Utilizing used lubricating oil for blasting activities;
- Installing power inverter as an alternative lighting in exploration activities.

Volume and Percentage of B3 Waste Reduction (Dominant): Used Lubricating Oil

Reduction Program	Unit	2021	2020	2019
Flushing differential oil, hydraulic & transmission	Ton	198.66	408.16	474.30
Replacing the mud handling system by replacing edy pump	Ton	4.13	2.53	1.96
Replacing the lighting system with LED lights	Ton	3.78	6.48	3.24
Total Reduction	Ton	206.57	417.20	479.50
Total B3 waste generated	Ton	3,134.35	2,631.64	3,507.50
Success in reducing B3 waste (Dominant)	%	15.17	15.85	13.67

Percentage of B3 Waste Reduction (Non-Dominant): Used TL Lights and Used B3 Packaging

Reduction Program	Types of Waste	Unit	2021	2020	2019
Installting LED Lights	Used TL Lights	Ton	0.35	0.46	0.53
Use of tank packaging for lubricating oil packaging	Used lubricating oil packaging	Ton	102.40	191.03	157.65
Total Reduction		Ton	102.75	191.49	158.18
Non-dominant B3 waste generated		Ton	345.72	287.42	323.10
Success in B3 waste reduction (non-dominant)		%	29.72	66.62	48.96

Utilization of Used Lubricating Oil Waste for Blasting Activities

KIDECO also strives to make use of used lubricating oil to substitute solar diesel (AN-FO) for blasting activities, adhering to the permit released by the Ministry of Environment and Forestry (KLHK) No. SK.376/Menlhk/Setjen/PLB.3/8/2018 on the Extension of B3 Waste

Management Permit for PT Kideco Jaya Agung B3 Waste Use Activities. The volume of used lubricating oil that was reused in 2021 totaled 460.02 tons with the saving value reaching Rp3.27 billion.

Volume and Percentage of Utilizing Waste from Used Lubricating Oil [306-4]

Utilization Program	Unit	2021	2020	2019
Utilization of used lubricating oil in blasting activities	Ton	460.02	504.62	291.60
Utilization of used lubricating oil by a licensed third party	Ton	2,328.61	1,839.60	2,093.03
Total Utilization	Ton	2,788.63	2,341.22	2,384.63
Total B3 waste generated	Ton	3,134.35	2,631.64	3,507.50
Success in Utilizing B3 waste from used lubricating oil	%	89	89	68

Value of Used Lubricating Oil Waste in Blasting Activities

Description	Unit	2021	2020	2019
Volume Used	Ton	460.02	504.62	291.60
Saving Value	Million Rp	3,265.12	2,907.74	2,371.52

KIDECO created an innovation to lessen the B3 waste in the form of mud handling system during the reporting period. This system was able to optimize the hauling of mud. Other than that, the Company lowered used B3 packaging generated in the form of drums, jerrycans, and other small packagings by

enforcing waste management companies to send large-size refillable packagings which then to be returned to the waste management companies. The implementation of the policy took place in 2021 and it managed to bring down 102.4 tons of B3 waste generated with the saving value of Rp1.54 billion.

Non-B3 Waste Management [306-4]

Processing Method	Form of Use	Unit	2021	2020	2019
Organic	Use of manure for composting.		55,350	144,400	112,800
	Use of fish bone waste as fish feed pellets		0	2,150	3,000
Recycle	Utilization of used tyres for road markings and erosion control		1,669,500	1,672,140	1,078,780
	Used belt conveyors	Kg	720	1,580	1,643
	Utilization of used packaging of drinking water bottles (1.5 liters)		0	12.44	184
	Utilization of tyres for public assistance		277,060	391,230	31,360
Total use			2,002,630	2,211,512.44	1,227,767.00
Non-B3 waste generated			3,372,817	3,105,964.54	2,115,207.23
Success in Utilization		%	59.38	71.20	58.04



Direct Learning in CSR Fostered Adiwiyata School's Greenhouse

Non-B3 Waste Management and Processing

The non-B3 waste management and processing is also practiced by KIDECO by reusing them for various necessities. Throughout the reporting period, KIDECO came up with an innovation by means of using Go Arc application to decrease the amount of paper waste.

- E-mail use for administrative means to reduce the use of paper.

Value of Using E-mail

Description	Unit	2021	2020	2019
Volume of Paper Saving	Kg	143.25	104.83	110.9
Saving Value	Million Rp	1.72	1.25	1.33

- Reducing plastic bottles waste through tumbler program for employees.

Value of Tumbler Program for Employees ^[102-48]

Description	Unit	2021	2020	2019
Volume of Plastic Bottles Waste Reduction	Kg	9,981	9,329	1,764
Saving Value	Million Rp	1,353	1,286.72*	236.25

*There was a restatement on the 2020 data



Together with CSR Fostered Partners in Coastal Areas

Water Management to Conserve Water Source

The source of water used by KIDECO originates from rainwater contained in sediment ponds and surface water. We are committed to managing the water by using the water efficiently. This can lessen the use of energy required during the water intake and preserve several existing water sources.

KIDECO fosters an innovation to perform water use efficiency through Fog Cannon. The use of fog cannon concentrates in the coal stockpile areas, mainly in watering coal ash activities. Prior to this program, the coal wash watering used water trucks which lacked efficiency in refilling water, and during the spraying activity they required a massive amount of water. With a spraying force up to 100 meters, the fog cannons can reach all coal stockpile areas easier, faster, and more efficient. The

nozzle allows the sprayed droplets to split up smoother and creates consistency in the watering process, which require fewer water consumption. From this activity up to the end of 2021, the use of raw water was saved up to 7,009 m³ or equivalent to Rp9 million.

The operation of watering ash in the coal stockpile areas was previously conducted by using a water truck unit. Upon filling the tank, in general there were spills of water and, during the process of watering, the droplets sprayed were not distributed evenly that it consumed a huge amount of water. Moreover, in 2021, KIDECO introduced an innovation by installing Big Gun Sprinkler with a nozzle system in the coal stockpile areas. The working principle of the equipment starts with water moving with a maximum pressure of 11.5 kg/cm through an impeller which will accelerate the

exiting water from the rotation center to the nozzle. Water from the nozzle then to be sprayed for watering the coal stockpile areas with a range of 80 – 100 meters and 360° rotation. The nozzle causes the droplets to split up better and creates consistency in watering, hence the the amount of water consumed is much fewer. The installation of Big Gun Sprinkler with a nozzle was able to save the use of raw water up to 3,793 m³ until the end of 2021, or equivalenten to Rp4.9 million.

Water Management

Water needs are used for operating activities and domestic purposes. The needs of water are met by obtaining from surface water based on the License for Water Intake (SIPA) of the Paser Regency Government and reusing from

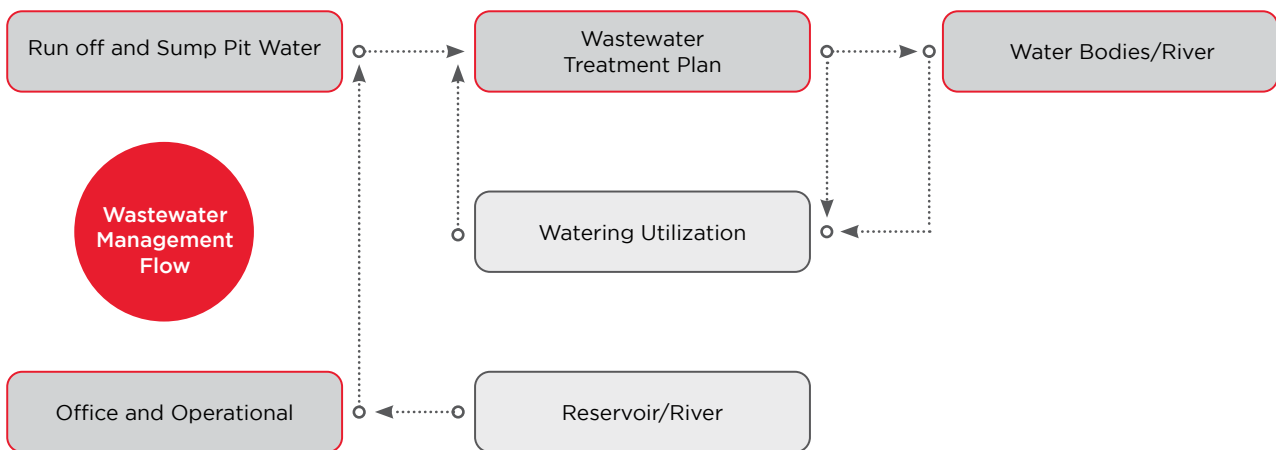
sediment ponds. As of the end of the reporting period, KIDECO has had 8 SIPA. The total water volume obtained in 2021 reached 2,588,624 m³ with an average debit of 295.50 m³/hour. KIDECO performs strict monitoring through a flow meter to ensure water collecting does not affect the condition of the river and nor does it disturb the use by the public. Additionally, there was not any water stress found in the water source. [303-1, 303-2, 303-3, 303-5]

Another water source flows from the sediment ponds. KIDECO operated 29 sediment ponds (of the 2021 period) with the capacity of 7,730,042 m³. Some water in the sediment pond are used by KIDECO and Business Partners. Total water volume used from the sediment ponds in 2021 reached 628,716 m³.

Water Use Based on the Source (m3) [303-3][303-5]

Water Source	2021	2020	2019
Surface Water (Rain-fed Pond and river)	2,588.62	2,243.24	2,426.80
Surface Water (Sediment Pond)	628.71	505.98	828.40
Total	3,217.34	2,749.22	3,255.18

Wastewater Management Flow



Drainage Volume [303-4]

Description	2021	2020	2019
Volume of Drainage	300,957,011	349,271,827	397,053,619
Number of Sediment Ponds	29	29	30

Wastewater Quality Monitoring

Location	Parameter	Unit	Environmental Quality Standards	KIDECO Standard	Average Measurement Result		
					2021	2020	2019
Roto Samurangau Block							
• Kandilo River	pH		6-9	7-8	7.72	7.94	7.64
• Samurangau River	TSS	mg/l	300	200	23	13	10
• Popor River	Fe	mg/l	7	<7.0	0.47	0.29	0.11
• Tandarayan Retention Basin	Mn	mg/l	4	<0.5	0.08	0.04	0.02
• Melas River							
• Kamarayun River							
• Biu River							
• Kuaro River							
Susubang Uko Block							
• Kandilo River	pH		6-9	7-8	7.71	7.89	7.63
• Uko River	TSS	mg/l	300	200	18	11	8
• Busi River	Fe	mg/l	7	<7.0	0.35	0.21	0.06
• Suru River	Mn	mg/l	4	<0.5	0.11	0.04	0.05
• Kenyan River							

The Environmental Quality Standard is based on Perda Kaltim No. 02 of 2011 Appendix I.27 on the Water Processing and and Water Pollution Control



Monitoring Water Quality

River Water Quality Monitoring [303-4]

No	Parameter	Unit	Environmental Quality Standard	Average Measurement Result		
				2021	2020	2019
Roto Samurangau Block						
1	Physics					
	Temperature	°C	Deviasi 3	25.00	25.11	21.97
	TDS	mg/l	≤1000	374.00	96.94	134.93
	TSS	mg/l	≤50	105.70	89.45	79.38
2	Inorganic Chemistry					
	pH		6-9	7.90	7.63	7.66
	BOD	mg/l	≤3	1.40	1.50	0.71
	COD	mg/l	≤25	7.00	5.24	1.86
	DO	mg/l	≥4	7.10	7.02	7.08
	Total Phosphate	mg/l	≤0.2	0.10	0.05	0.01
Susubang Uko Block						
1	Physics					
	Temperature	°C	Deviasi 3	25.00	24.86	21.83
	TDS	mg/l	≤1000	107.00	107.28	122.65
	TSS	mg/l	≤50	122.76	128	39.25
2	Inorganic Chemistry					
	pH		6-9	7.90	7.57	7.61
	BOD	mg/l	≤3	1.40	1.55	0.84
	COD	mg/l	≤25	6.90	4.73	2.30
	DO	mg/l	≥4	7.00	6.97	6.75
	Total Phosphate	mg/l	≤0.2	0.06	0.06	0.02

*)The Environmental Quality Standards are based on Perda Kaltim No. 02 of 2011 Appendix I.27 on the Water Management and Water Pollution Control

KIDECO is also committed to reducing water pollution load released into water bodies. This action is exercised to minimize the impacts on water bodies, including the biota.

Wastewater Pollution Load Reduction Program [303-4]

No.	Reduction Program	Unit	2021	2020	2019
1	Substituting aluminium sulfate and megafloc	Ton TSS	30.73	17.23	12.05
2	Processing mud with geotube	Ton TSS	0.00	27.34	164.07
3	Reusing air washing bay to reduce the parameter level of Total Suspended Solid (TSS)	Ton TSS	15.74	14.64	13.68
4	Reducing pollution load for BOD parameter deriving from domestic wastewater by providing public sanitation	Ton BOD	4.56	4.56	4.56
5	Reducing water pollution load for BOD parameter deriving from manure management with biodigester	Ton BOD	1.51	0.87	1.57
6	Processing wastewater by using rollfloc as aluminium sulfate substitute	Ton TSS	15.30	117.61	208.66
7	Making of soaps using used cooking oil to reduce the parameter load of oil and grease	Ton of oil & rease	0.85	0.85	0.36
8	Domestic wastewater processing at domestic wastewater processing installation facilities using filtering bags "filsa"	Ton TSS	0.04	0.04	0.02
9	Creating a control box from sump pit pumping activities to lower the TSS parameter pollution load	Ton TSS	620.03	667.20	443.00

Calculation of Pollution Load in Roto Samurangau and Susubang Uko Blocks

Parameter	Pollution Load (Ton/Year)		
	2021	2020	2019
	1	2	3
TSS	7,778.92	5,022.88	3,967.51
Iron (Fe)	158.47	111.79	40.15
Manganese (Mn)	23.45	13.76	12.16

KIDECO has also come up with an innovation of installing filtering bags (filsa) to enhance domestic wastewater processing in domestic wastewater processing installation facilities. This innovation accomplished to decrease the TSS parameter of pollution load by 0.9 tons or equivalent to a saving value of Rp219 million in 2021. This was an accumulated value up to 2021.

Moreover, in 2021, KIDECO introduced an innovation with the aim of lowering pollutant load on the Total Suspended Solid (TSS) parameter in the Settling Pond by establishing a Control Box. The water processing from sump pit pumping activities was previously directly pumped into the first compartment of a settling pond that it increased the processing load from the settling pond, mainly the load from TSS parameter. This program is applied and combined with initial settling means and a control box

outside the settling pond. The working principle of the control box starts from water that is pumped from the sump pit and flows into compartments through an inter-compartment flow system in a zig-zag manner so that the physical settling process can work optimally in which solid particles that contained in the pump water with larger mass than water itself (solid > water) can settle by gravity. The existence of the control box can help the initial processing with the effectiveness of TSS level reduction of up to 40%, which can reduce the processing load in the settling pond. As of 2021, this innovation could lower the pollution load of the TSS parameter by 2,110.043 tons of TSS or equivalent to a saving value of Rp52.7 million.

Social Performance



The focus of KIDECO activities in the era of COVID-19 pandemic is to protect the employees and the public. The Occupational Health and Safety (OHS) aspect became our priority, and we make efforts in concentrating in the welfare of the people residing around the mining sites.

Management Approach [103-1, 103-2, 103-3]

Social performance that became material topics are Occupational Health and Safety and Local Community Engagement. Throughout the pandemic, KIDECO has made efforts to protect the health and safety of the employees, work environment as well as communities residing around the mining sites. The form of the company's social performance can be seen in the implementation of Corporate Social Responsibility (CSR) to the community and OHS management. CSR management is the responsibility of Chief of Corporate Services Officer (CCSO) and OHS management is the responsibility of Director of Mine Engineering, which will be evaluated routinely using KPI achievement index. In 2021, the OHS and CSR management were well-implemented that they helped the company to seize the Green National PROPER from the Ministry of Environment and Forestry (KLHK).

Protecting Our Employees

Occupational Health and Safety Policy MK3L Mission

1. Accidents involving "Zero" deaths.
2. "Zero" lost time injury.
3. Minimize the company's loss of assets and equipments.
4. Guarantee all occupational health hazards are effectively managed.
5. Guarantee employees' health is effectively managed.
6. Create and maintain a clean & healthy workplace

Tujuan Spesifik Kebijakan Sistem Manajemen Terpadu KIDECO

Occupational Health & Safety in Mining Operations	Occupational Health
<ul style="list-style-type: none"> • Zero fatality • Zero loss time injury • Minimize the loss of equipments and assets. • Ensure that quality check, maintenance on facilities and infrastructure, installation as well as mining equipments are managed well and in compliance with applicable standards. 	<ul style="list-style-type: none"> • Ensure all health hazards that may arise in workplace are effectively managed • Ensure employees' occupational health is effectively managed • Create and maintain a clean and health workplace • Perform an active prevention against the spread of HIV/AIDS and types of psychotropic substances.

Efforts

- Comply with all applicable laws and regulations and enforce national and international standards to reflect our commitments.
- Provide adequate trainings to all employees to achieve the company's goals.
- Integrate Quality, OHS, and Environment (QHSE) in daily activities.
- Focus on sustainable improvements.

Establishment of QHSE Policies and Operational System

Organization & System	QHSE Team & Committee; ISO 45001, OHSMS and SMKP
Operation & Execution	Education & training; QHSE Protocol Management
Program & Objectives	QHSE Program; Support for OHS and Environment for suppliers

In accordance with the Integrated Management System Policy, KIDECO is committed to actualize the Integrated Management System standards (PAS 99), in which includes safety management system:

ISO 45001

a. An international standard recognized for OHS management and used by the company for selling value to consumers with global market targets.

b. Occupational Health and Safety Management System (OHSMS)

The Government of Republic of Indonesia's Regulation No. 50 of 2012 on Occupational Health and Safety Management System (OHSMS) oversees the safety and health of all employees who are the responsibility of the company by implementing all clauses, which are aligned with the company's risk class and a Certification Audit to obtain an award from the government pertaining to the occupational health and safety management system.

c. Mining Safety Management System (SMKP)

Kepdirjen ESDM No. 185.K/37.04/DJB/2019 on Technical Instruction of Mining Safety and Mineral and Coal Mining Safety Management System Implementation, Assessment, and Reporting as a derivative regulation from Permen ESDM No. 26 of 2018 and Kepmen ESDM No. 1827/30/MEM/2018. The mining safety management is divided into two parts, which are Mining Work Health and Safety, and Operational Safety. An audit process is completed at a minimum of once a year to assess the implementation of elements related to mining safety.

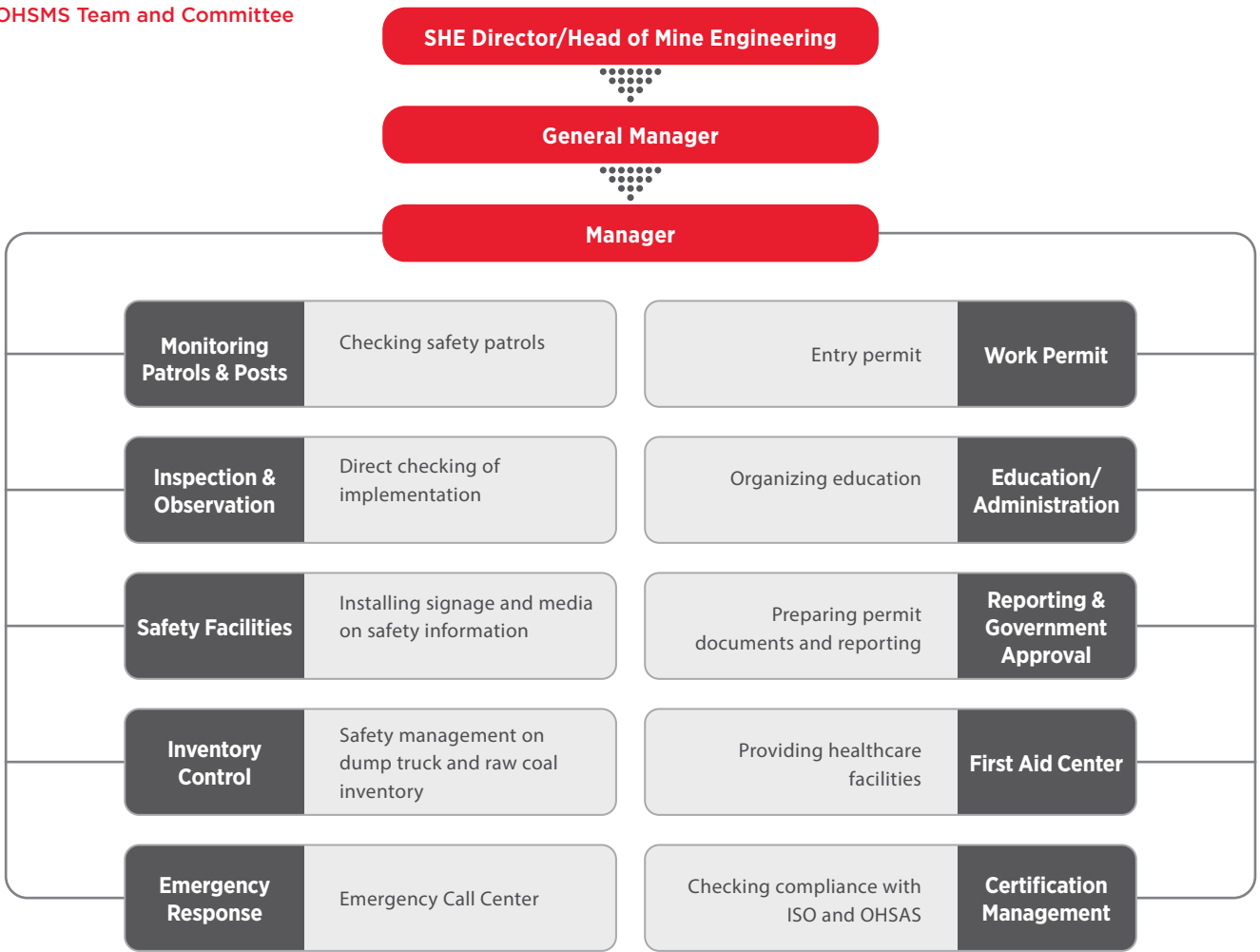
Organization and QHSE System

Participation and consultation process are run to identify, evaluate, and manage any workplace hazards. This attempt aims to reduce hazard risks, such as fire, explosion, buried by a landslide, perils in automotive workshop, and others. The HSE Department optimizes digitalization by creating 'safety web' and developing KIDECO's application Go Arc Safety. The Safety Web consists of 4 features, such as Hazard Report, Online Training, Permit, and Accident. It functions to encourage employees to develop reports, provide consultation, and perform any measures if any unsafe situation occurs. Reports then to be reviewed in advance by the management to determine the subsequent plan. [403-4]

Employees included in the occupational health and safety management system [403-8]

KIDECO has formed OHS Development Committee (P2K3) as a shared committee that represents the employees and management. Stipulations on OHS are stated in Collective Labor Agreement (CLA) and binding to all KIDECO employees as well as partners and contractors, without exception. Developments in the OHS department are expected to fortify the OHSMS system. [403-4][403-8] [403-1]

OHSMS Team and Committee



The OHS Development Committee (P2K3) consists of:

1. Safety Committee
 In accordance with ISO 45001
 It is responsible for evaluation results run by all relevant departments and business partners with meeting frequency of once every three months, and the decision-making authority is upheld by Head of Mine Engineering.
2. Safety Representative
 In accordance with ISO 45001
 It is responsible for any issues and findings existing in responsibility areas of each relevant department with meeting frequency of once every two weeks, and the decision-making authority is the highest Leader of respective department.
3. Company's P2K3
 In accordance with PP No. 50 of 2012 on the Implementation of Occupational Health and Safety

- Management System It is responsible for the results of internal and external issues as well as several immediate hazards that need to be mitigated and followed up based on risk control hierarchy with meeting frequency of once every three months by developing and submitting a report to the relevant government office, and the decision-making authority is KTT.
4. Mining Safety Committee (KKP)
 In accordance with Directorate General of ESDM Decree No. 185/37.04/MEM/2019 on Technical Instruction of Mining Safety and Mineral and Coal Mining Safety Management Implementation, Assessment, and Reporting. The committee has the responsibility for results of internal and external issues as well as several immediate dangers that need to be mitigated and followed up per risk control hierarchy, meeting frequency of once every three months, and the decision-making authority is KTT.

Number and percentage of all employees and non-employee workers but whose job and/or workplace is controlled by the organization:

Types of Organization	Number of Participants	Participation Percentage (%)
Safety Committee	65	9.5
Safety Representative	63	9.2
OHS Development Committee	65	9.5
Mining Safety Committee	65	9.5

Number and percentage of all employees and non-employee workers but whose job and/or workplace is controlled by the organization and has been audited internally:

Employee	Number of Employees	Percentage (%)
KIDECO	632	100
Business Partners	12,576	100

Number and percentage of all employees and non-employee workers but whose job and/or workplace is controlled by the organization and has been audited or certified by an external party:

Employee	Number of Employees	Percentage (%)
KIDECO	632	100
Business Partners	12,576	100

P2K3 Membership of 2021

Description	Number	Number of KIDECO Employees	Percentage to Total Employees (%)
Employee Representatives	44	632	6.7
Management Representative	21		3.3
Total	65		10.3



Vaccination Activities in Coastal Areas

Together Coping with the COVID-19 Pandemic

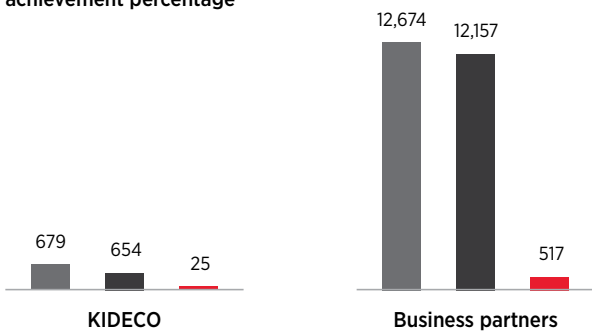
KIDECO ensures all activities are performed by considering the health protocol per Letter of Director of Technical and Environment/Head of Mining Inspector of the Ministry of Energy and Mineral Resources (ESDM) No. 797/37.04/DBT/2020 on the Efforts of Preventing the COVID-19 Spread in workplaces. Additionally, there is also a Circular Letter of the Ministry of ESDM No. 02.E/04/DJB/2020 on the Preventio and Management of COVID-19.

KIDECO continuously coordinates and cooperates with the Local Government through the National COVID-19 Vaccination program. KIDECO also established a Task Force Team (TFT) for the COVID-19 Vaccination for employees and their employees through Gotong Royong Vaccination program.

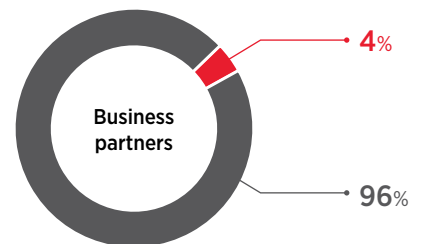
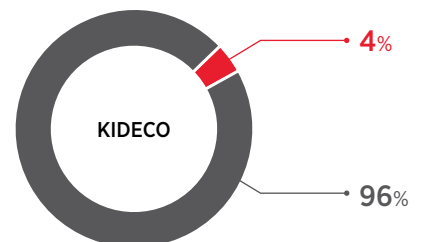
	Number of Employees	Total Vaccinated Employees	Total Non-Vaccinated Employees
Kideco	679	654	25
Business partners	12,674	12,157	517

	Percentage of Vaccinated Employees	Percentage of Non-Vaccinated Employees
Kideco	96%	4%
Business partners	96%	4%

achievement percentage



● Number of employees ● Total Vaccinated Employees ● Total Non-Vaccinated Employees



● Vaccinated ● Non-Vaccinated



The COVID-19 management is dealt with the establishment of Task Force Team (TFT) by involving cross departments, consisting of teams of HSE, General Affair, Management Support, and doctors. Various steps and other programs are also in effect to prevent and mitigate the COVID-19, such as:

1. A Special Unit establishment (internal COVID-19 Task Force);
2. Facilities establishment (quarantine, transportation);
3. Resources preparation (healthcare workers, medical equipment);
4. Administrative preparation (procedure, Circular Letter, regulation, promotive);
5. Personal protective equipment provision;
6. A Special Unit establishment (internal COVID-19 Vaccination Task Force).

Efforts which have been made throughout the COVID-19 pandemic were as follows:

1. Prevention programs through promotives and education (health talk, webinar, flyers, banners, billboards, and health consultation);
2. Prevention programs through administrative efforts (mobility restriction, meeting in crowds, leave/day offs outside Paser Regency, requiring mask as an obligation, time allocation/shift, interchangeable time allocation/days off, work procedure that aligns with the COVID-19 health protocol);
3. Prevention and management programs through rehabilitative measures (quarantine, isolation, and transportation as well as healthcare workers and support facilities; screening and examination facilities through Rapid Test and PCR Swab);
4. Aid program for the public on the COVID-19 prevention and management;
5. Periodical coordination with the Local Government and Central Government (ESDM) relating to the COVID-19 prevention and management.



As of the end of 2021, the implementation of rapid test antigen reached 59,731 of the total KIDECO employees and contractor workers.



Vaccination Activities for the public



Other endeavors made by KIDECO in coping with the COVID-19 continued in 2021 where isolation wards were built with a system that is more controlled, not independent. This was due to the lack of balance between the number of healthcare facilities and number of patients. Said facilities

will be dedicated to employees with positive confirmation and who are symptomatic (mild) and asymptomatic. For those who have moderate/severe symptoms will be evacuated to a referral hospital. Facilities for quarantine and KJA isolation have the following details:

QUARANTINE/ISOLATION FACILITIES

Mess KM 40 (<i>Site</i>)	32	Quarantine while waiting for PCR Swa.
Mess 9 (<i>Basecamp</i>)	45	Isolation
Hotel Golden Tulip (Balikpapan)	By request	Quarantine while waiting for PCR Swab results

COVID-19 REFERRAL HOSPITAL FOR ISOLATION

Panglima Sebaya Hospital (RSPS)		Paser Regency
Muhammadiyah Hospital (Exs. RSPS)		Ex. RSPS in Paser Regency
Pertamina Balikpapan Hospital	By request	Balikpapan
Bhayangkara Balikpapan Hospital		Balikpapan
Tentara Balikpapan Hospital		Balikpapan
Balikpapan Baru Hospital (HER Hotel)		Balikpapan

PCR SWAB FACILITIES

Indika Solidarity		Balikpapan
Pertamina Balikpapan Hospital	By request	If there is any isolation employee
Balikpapan Baru Hospital		If there is any isolation employee

HEALTHCARE WORKERS

Doctor	4	PT Kartika Bina Medika Tama (healthcare workers of quarantine and isolation facilities in KJA, Batu Kajang)
Nurse	11	
Laboratory Analyst	2	
Administration	2	

Occupational Safety Performance

Work safety performance showed improvements which were marked by the absence of fatality cases for the last three years. In terms of high-consequence occupational accidents, the company has several examples, such as that of related to blasting activities, heavy operational equipments, maintenance unit, mobilization, and high-risk job. [403-9]

Use of Explosives and Blasting	Feasibility Test on Tools and/or Installation	Mining Safety Cost
<p>Steps that are implemented related to safe blasting to manage mining slope stability:</p> <ul style="list-style-type: none"> Using Tie-Up method which is made per hole to reduce the blasting vibration against the mining slope stability. Monitoring surface vibration due to blasting by determining the PVS standard at a maximum of 3 mm/s per SNI 7571:2010. The surface vibration measurement also involves an external party (independent institution) to carry out the measurement in the residential area around PT Kideco Jaya Agung. Blasting procedure at a close proximity with critical areas refers to Risk Level Classification and Slope Stability Status Based on Movement Speed Increase in Pit and Waste Dump Slope. Using Pre-Split Blasting method to create new Freefaces and reduce the impacts of surface vibration. Using Electronic Detonator by setting up a delay hole by hole to reduce the impacts of surface vibration. Using Air Decking method (Top Decking, Bottong Decking, Sysdeck, Bottle Airdeck, Concrete Decking). Determining the short drilling distance to slope of 16 meters from the first hole close to the slope to the foot of the slope. 	<p>Tools and/or installations with Certificate of the Feasibility of Equipment Usage (SKPP/SKPI) from the Directorate General of Minerals and Coal, Ministry of ESDM:</p> <ul style="list-style-type: none"> Number of lifting and rigging aircrafts to which operational feasibility test was applied amounted to 39 units Number of boiler and pressure vessels to which operational feasibility test was applied amounted to 1 unit Number of distributions of lightning that was installed and to which operational feasibility test was applied amounted to 14 units 	<p>KIDECO provides mining safety cost with Rp91,320.18 million realized in 2021, which was higher than Rp56,180.62 million in 2020.</p> <p>Such cost included fees on OHS and operational safety, which were organized by business partners.</p>

Lifting and Rigging Aircrafts		Boiler and Pressure Vessel		Lightning Distributor		Jack Stand		Storage Tank	
Km 40	23	Km 40	18	Km 40	24	Km 40	10	Km 40	3
Km 35	3	Km 35	5	Km 22	3	Km 35	8	Km 35	3
Km 22	6	Km 22	4	Electricity Installation		Km 22	10	Km 4	1
TMCT	13	TMCT	14	Km 40	2	TMCT	10	SM Paku	1
Pama	21	Pama	25	Km 22	3			TMCT	8
		Bima	4					Pama	2

Number of Work Accidents [403-9]

Category	2021	2020	2019
Minor Accident (People)	0	0	0
Major Accident (People)	0	0	0
Fatality (People)	0	0	0
Lost Time Injury (Day)	0	0	0
Frequency Rate (%)	0	0	0
Severity Rate (%)	0	0	0

*The data only includes KIDECO employees

Risks from Types of Work and Mitigation Attempts

Addressing various work with high risks, we carry out several mitigation attempts. These attempts are aimed to preserve occupational health and safety as well as to

prevent any work related illness (PAK). The following is mapping of types of risky jobs along with their mitigation.

Types of Work	Mitigation
Blasting	Certification & competency (KIM, KPP Pratama, KPP Madya), working permit & permit entry
Heavy equipment driver/operator	GPS tracking, in-car camera, speed awareness monitoring, SIMPER, SIOK, SIO
Buildings and facilities construction	CSMS, inspection, work permit, IBPR, JSA
Maintenance unit	IBPR, job safety analysis, work permit, LOTO, inspection, observation
Mobilization	Work permit, induction, IBPR, JSA
High-risk job (confined space, hot work, working at height, working near water)	Special work permit, induction, competencies, evacuation tools, monitoring tools, IBPR, JSA, emergency medical tools, APAR (fire extinguisher)

Occupational Health Performance

KIDECO is committed to providing a sound and safe work environment not only for employees, but also for business partners and contractors. KIDECO performs programs and activities that promote healthy work environment, among which as follows: [403-3, 403-5, 403-6, 403-7]

- Providing support in healthcare cost and health insurance, including BPJS Health;
- First Aid Central Facility (P3K) in mining operation sites and Tanah Merah Coal Terminal (TMCT);
- Healthcare class in the COVID-19 pandemic era was handed over through a virtual system or online using Ms. Teams or ZOOM application in the form of visits and

healthcare material delivery to partner companies and employees' families;

- Prevention and Management (P2) of HIV/AIDS and drugs abuse, and the COVID-19;
- Routine medical check-ups by collaborating with external healthcare institutions, such as Pertamina Balikpapan Hospital and Tirta Medical Center Clinic;
- Hygiene and Sanitation Inspection to KIDECO's canteen, Standardization Inspection on First Aid Center and Clinics in KIDECO Sites, Inspection on First Aid Kit's content, fit while Work Inspection (random fatigue, random drugs, and random alcohol test);
- Measurement and monitoring of occupational hazards.

Support for Occupational Health Performance [403-6]

Description	Unit	2021	2020	2019
Medical Cost	USD	391,832.1	409,494.14	384,352.61
Health Insurance		955,609.24	591,668.78	539,111.70
Cooperation with Referral Hospitals	Hospital	142,149.06	1,145	1,095

Healthcare Programs for KIDECO's Employees, Partner Companies' Workers and Public [403-6] [102-48]

Program	Number of Participants		
	2021	2020	2019
Counseling and Promotion			
Counseling on P2 HIV/AIDS, Hepatitis A&B, dengue fever, heart attack, stroke, diabetes, and other non-infectious diseases.	2,126	360	1,581**
Counseling on prevention and eradication of drugs abuse and black market, rest management, employees' occupational health, first aid, and health talk.	1,384	850	1,082**
Counseling on COVID-19 prevention and vaccination	1,577	214	Not implemented yet
Medical check-ups for employees	Routine in January 2021: 475 Routine in December 2021: 514	484	473 KIDECO
OHS-awareness calisthenics	600	200	200
Cholesterol, blood sugar, and uric acid tests.	93	113	91
Blood donation	*Not implemented	163	719
I-Reborn (employees' BMI monitoring)	442	538	Not implemented yet
Treatment			
Visiting patients to the P3K Center	660	657	614

*Despite no blood donation in 2021, KIDECO continued urging permanent employees to join a blood donation event by directly visiting PMI in Paser Regency.

**There was a restatement of number of participants in 2019 where the calculation was changed with more business partners

Potentials of Occupational Health Problems and Mitigation Strategies

Types of Health Problems	Mitigation Strategies
Work-related disease and occupational disease (PAK), diseases arising from work relationships (PAHK), including	<ol style="list-style-type: none"> 1. Managing healthy menu for employees in the company's canteen and nutritional content calculation. 2. Calisthenics once a week. 3. Routine medical check-ups. 4. Providing Personal Protective Equipment (APD). 5. Measuring and monitoring occupational hazards. 6. Inspecting hygiene and sanitation. 7. Promoting occupational health through visual and virtual media. 8. Being active doing physical activities (routine exercises), and checking body mass index.
Drugs abuse and HIV/AIDS spread	<ol style="list-style-type: none"> 1. Mandatory drug test policy on narcotics, psychotropics, and other addictive substances. 2. Giving preventive counseling through random test in the field. 3. Giving preventive counseling and VCT on HIV/AIDS.
COVID-19 Pandemic	<ol style="list-style-type: none"> 1. Established a Special Unit (internal COVID-19 Task Force). 2. Set up facilities (Quarantine, Transportation). 3. Prepared resources (Healthcare Workers, Medical Equipment). 4. Administrative Preparation (Procedure, Circular Letter, Regulation, Promotive). 5. Prepared Personal Protective Equipment. 6. Established Special Unit (internal COVID-19 Vaccination Task Force).

OHS Training

OHS training can further broaden and sharpen the knowledge and skills of employees in relation to occupational health

and safety. In 2021, KIDECO held several OHS training for its employees, partners, and contractors.

OHS Training [403-5]

Description	2021	2020	2019
Types of Training	23	30	29
Number of Participants	496	3,497	2,974

The significant discrepancy in the number of participants occurred because there were only KIDECO employees in 2021, and in 2020 and 2019 there were additional business partners.

Types of OHS Training [403-5]

Description	2021	2020	2019
First Operational Supervisor (POP)	53	358	307
Mid-Operational Supervisor (POM)	20	62	34
Main Operational Supervisor (POU)	4	13	13
Class 2 Blaster Course	0	21	21
Rigger	15	0	0
Energy Manager	0	3	3
Fire and Land Fire Control	30	0	0
Contractor Safety Management System	46	0	0
Land Surveyor	0	7	7

Description	2021	2020	2019
Welder	32	0	0
SMKP Awareness	33	15	9
General OHS Expert	17	20	22
Construction OHS Expert	0	6	6
Electricity OHS Expert	0	4	2
Level III TOT	20	0	0
Lifting Equipment SIO	51	72	74
FAT and License for P3K Officer	30	0	15
Incident Investigation	38	60	38
HIV/AIDS Counselor	0	0	0
Genset Operator	0	6	6
Behavior-based Safety	21	0	0
P2K3	21	0	0
OHS Expert Certification on Steam Aircraft and Boiler and Pressure Vessel	0	1	1
Class 1 Blaster	0	2	2
Helicopter Landing Officer	3	0	0
Lock Out Tag Out (LOTO)	29	0	0
OHS Expert Certification on Lifting and Rigging Aircraft	0	2	1
Leadership & Communication Skill	33	0	0
Total	496	652	561

Strategies Towards Zero Fatality and LTI ^[403-1]

We strongly commit to amplifying the OHS performance. This commitment is embodied in the Safety Department through objectives, strategic targets and programs (OTP), and some of these programs are mentioned below:

1. Organizational Aspect
 - Establishment of OHS Disciplinary Enforcement Committee
 - Appointment of Safety Representative in each Department
 - Organizing training and competency for all employees
 - Acquiring additional Safety Personnel
 - Holding a meeting for Top Management of both KIDECO and the partners pertaining to severe accidents
2. Infrastructure Aspect
 - Creating digitization report (hazard report, permit, online induction, incident management)
3. System Aspect
 - Building a monitoring tower for forest and land fire
 - Purchasing new fire trucks
 - Procuring long-range lighting detection system and mobile lighting protection system.
 - Measuring the maturity level of safety culture
 - Internal Audit of SMKP and SMT
 - Fatigue management program
 - Procedure review
 - Establishing I-reborn program
4. Supervisory Aspect
 - Implementation of night patrol program
 - Emergency drill
 - Facilities, infrastructure, installation, and equipments certification
 - OHSMS Evaluation

In 2021, all managerial levels from Assistant Manager to Directors would be involved in night patrols. This activity was in effect to guarantee that the OHS has been accomplished and run well. The night patrols will support safety patrol, safety talk, and safety meeting through collaborations with business partners.

Another effort was the formation of OHS Disciplinary Enforcement Committee. The Company made sure that in 2021 all employees on the supervisory level gained the competency as First Operational Supervisor (POP), Mid-Operational Supervisor (POM), and Main Operational

Supervisor (POU). Communication intensity with business partners/contractors was increased to once a month to monitor further.

Subsequently, KIDECO evaluated the QHSE implementation to confirm no practices that conflicted with human rights. Recognizing that health and safety of the employees are the company's responsibility. In 2021, the QHSE evaluation included 46 partner companies/contractors or equivalent to 100%. There was not any child labor nor forced labor in partner companies/contractors. [412-3] [408-1] [409-1] [403-2]

Evaluation Results on Partner Companies [403-5]

Description	2021	2020	2019
Work Contract Termination	4	2	3
Work Contract Extension	41	38	36
New Partner Companies	5	7	5
Number of Partner Companies	46	45	41

Leaving Employment that Endangering Workers [403-2]

KIDECO guarantees the safety of all workers by acknowledging the employees' rights to leave employment due to occupational safety and work-related illnesses. Work situations that may trigger any kinds of danger and threaten the safety of the work or cause a work-related illness can be left by the workers. The process of leaving work requires filling out a daily work preparation form; making a report that includes hazard report, P5M program (safety talk), and supervisory inspection (daily work environment readiness form), as well as reporting i-news on the identification of hazardous activities and their risks. KIDECO protects all workers from any punitive measures if they opt to leave work due to occupational safety and work-related illnesses.

OHS Incident Investigation [403-2]

Incidents concerning occupational health and safety (OHS) are followed up with investigations. There is the OHS Disciplinary Enforcement Committee (KPD) Team that is tasked to analyze investigation results. After identifying the dangers and assessing the risks, corrective measures and necessary improvements are then determined for the OHS management system.

Work culture is a guideline in work, for compliance with global standards, a culture of compliance and high integrity. KIDECO continues to build a work culture so that it can be applied by all workers and supports the implementation of MK3L.

Work Culture

High Ethics

Employees are capable of being honest and transparent with high ethical awareness.

- A sound outlook towards the Company
- Honesty and diligence
- Having initiative and setting examples
- Having awareness, autonomy, and responsibility

Global Proficiency

Employees are capable of working with professional spirit based on global thinking and skills.

- Global sensitivity
- Foreign language skills
- Specialized knowledge



Positive & Active

Employees are capable of actively carrying out their work to achieve their goals, rejecting passive attitude. A sound outlook towards the company.

- Awareness of goals
- Durable spirit
- Strong competitive spirit

Creative

Employees have no fear towards changes and innovations, and capable of making efforts to seek better solutions through creative thinking.

- Creative problem-solving ability
- Changing way of thinking
- Driving force
- Courage in facing challenges
- Flexibility

Defending Employee Human Rights

The Company steadfastly implements policies which do not conflict with Human Rights. In 2021, KIDECO was not involved in incompliances and breaches which violates Human Rights.

Human Rights in Collective Labor Agreement

- Working hours planning and mandatory compensation for overtime to avoid forced labor. [409-1]
- Freedom of association and speech by forming a work union and developing a CLA. [407-1]
- Diversity and equality, including distributing remuneration without discriminating genders and background. [405-2]

- Child labor prevention with a minimum age of 18 years old and youth labor prevention in hazardous work by implementing the competencies of all work. [408-1]

KIDECO pays remuneration to all employees in accordance with provisions on minimum wage which are controlled based on local chief stipulations. The company also established a relation according to an applicable regulation, Law No. 13 of 2003 on Manpower as amended with Law No. 11 of 2020 on Job Creation.

Percentage of the Comparison Between the Lowest Wage to Local Minimum Wage [202-1]

Position	2021	2020	2019
Non-staff	114.75	115.66	118.45
Female	114.75	115.66	125.50
Male	114.75	115.66	118.45

Facilities and Benefits Program for Employees

Facilities and Benefit Programs	Description	2021	Accumulation (2016-2020)
Loan for home construction	Financial loan of a maximum of Rp250 million with 0% interest for home construction	Rp6.35 billion (26 participants)	Totalled 82 employees with a total budget of Rp19.07 billion
Regular children's education assistance	Educational financing for employees' children from kindergarten to university level	562 children of employees (semester 2, Academic Year of 2020/2021); 564 children of employees (semester 1, Academic Year of 2021/2022)	Totalled 5,386 children of employees with a total budget of Rp3.06 billion
Children's education assistance for university admission	Educational assistance for employees' children to embark on college level	35 children of employees with Rp70 million worth of assistance	Totalled 181 children of employees with a total budget of Rp211 million
Educational assistance for high-achieving children	Educational assistance for employees' high-achieving children since elementary school to university level	108 children of employees with Rp83.55 million worth of assistance (semester 2, Academic Year of 2020/2021)	Totalled 738 children of employees with a total budget of Rp327.92 million
Employees' term of service award	Showing appreciation and presenting a gold award for employees who have served and contributed for 10, 20, and 30 years.	50 employees	Total Employees benefitting from Gold Coin amounted to 220 with a total assistance of Rp2.42 billion



Signing Ceremony of CLA of PT Kideco Jaya Agung

Protecting Employees' Competence

Competency development for each employee is performed through education and training which are accomplished internally and externally. The main training delivered focuses on fundamental skills and techniques, performance

management, leadership, OHS development, financial management and planning, as well as international standardization implementation (ISO). In 2021, the average training hours reached 41.95 hours per employee.

Employees' Average Training Hours [404-1]

Year	Number of Participants	Number of Training Hours	Average Training Hours/ Employee
2021	2,891	121,291	41.95*
2020	487	19,352	39.74*
2019	695	22,896	32.94*

*The calculation was adjusted to different training hours of employees

Employees' Training Hours Based on Types of Training [404-1]

Types of Training	2021	2020	2019
Inhouse & Public Training on Managerial	1,262	422	610
Inhouse & Public Training on Operational & Certification	1,629	65	85
Total	2,891	487	695

Training Hours Based on Position Level [404-1]

Position Level	2021	2020	2019
Manager Upwards	807	74	136
Assistant Manager	670	80	102
Supervisor	722	153	246
Staff/Foremen/Officer/Engineer	669	165	202
Non-Staff	23	15	9
Total	2,891	487	695

Career Development for KIDECO's Permanent Employees

Career Development in 2021	Male	Female	Total
Promotion	59	3	62

In 2021, KIDECO had its employees participants in competency test for various certifications, such as POP, POM, POPAL, TOT, Weighbridge Operator, Forklift Operator, Energy Manager, CBA Certification by Quantum Quality International, and others.

Empowering Community

The COVID-19 pandemic does not hamper KIDECO to proceed with Corporate Social Responsibility (CSR) activities. Aside from advancing its business development, we the company, make efforts to place CSR as the focus of the company to bring benefits to the public and support the Sustainable Development Goals.

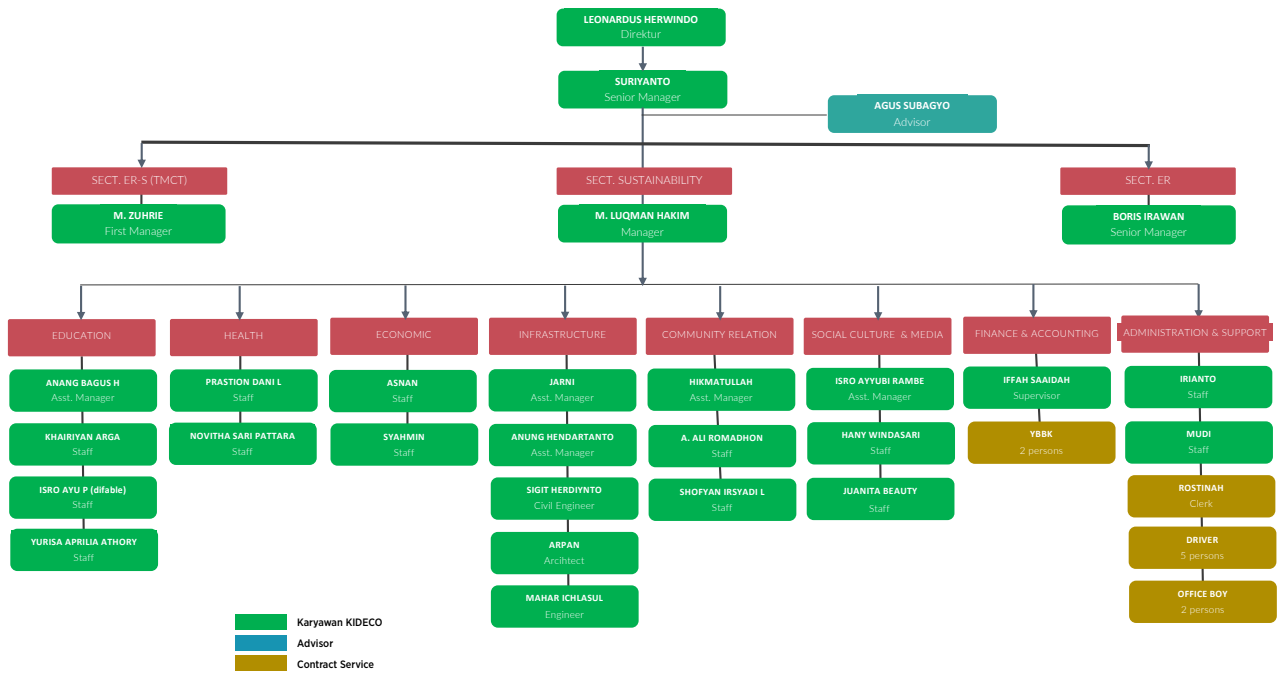


Posyandu Cadres of CSR Fostered Partners

Vision, Mission, and Motto of PPM

Vision	Mission	Motto
Together with KIDECO towards independent community	<ul style="list-style-type: none"> • Improvements among the community in different life aspects • Responsible social investments • Harmony and environmentally friendly 	Think globally and act nationally with local wisdom

ER & SUSTAINABILITY ORGANIZATIONAL STRUCTURE [102-18]



CSR Department's Responsibilities: [102-19]

- Establishing CSR strategy and action plan;
- Determining CSR KPI and monitoring its development;
- Supervising community development and cooperation;
- Publishing CSR reports.

A CSR Committee is in place with President Director as the leader and Director of Finance, Director of Operation, and Head of Mine Engineering for assistance. The CSR Committee also functions to facilitate a CSR forum for the public. [102-20]

CSR Financing

Community empowerment activities are embodied in Community Development and Empowerment (PPM) using KIDECO's financing program. The financing does not originate from parent company nor other resources. The budget plan for PPM program in 2021 amounted to Rp52.92 billion. According to the Regulation of ESDM Minister No. 25 of 2018 on Mineral and Coal Mining Business, if the realization cannot be attained then it will be rolled forward to the following year, making the accumulated PPM budget plan of 2021 to Rp52,924,177,637. This was caused by the remaining PPM budget of 2020 of Rp5,424,177,637, which will be distributed into different PPM sectors in 2021.

The implementation of CSR program is based on social mapping results related to issues, potentials, and the people's needs. The programs are prioritized according to deliberation results held together with various stakeholders. Up to date, the CSR program conducted has included the communities around the mining sites of WUP Roto Samurangau and Susubang Uko which were already in production, and Pinang Jatus which is still in exploration stage. The CSR program of KIDECO includes 72 locations from Ring I to Ring V areas. [413-1]

The CSR program implementation is one of the forms of activities dedicated to minimizing the negative impacts from mining operations. These CSR activities focus on Education, Infrastructure, Health, and Economic Empowerment departments. As of the end of 2021, there were no negative impacts generated by the company to the communities around the WUP. Throughout the reporting period, no negative potential nor actual impacts that were caused by the company's activities. KIDECO has also complied with regulations and obtained valid permits. Additionally, KIDECO has completed the calculation on water, ash, and noise quality, and they did not go over the approved threshold. [413-1] [413-2]

Comparison Between PPM Fund Plan and Realization in 2021 (in billion Rp)

No.	Main Program	Plan	Realization	Percentage (%)
1	Education	7.99	6.65	83.23
2	Health	4.06	2.41	59.36
3	Real Income Rate & Occupation	7.78	6.35	81.66
4	Economic Self-Sufficiency	1.54	0.81	52.82
5	Social and Culture	19.67	24.02	122.11
6	Environmental Management	1.10	0.82	74.55
7	Community Institutionalization	0.01	0.01	100.00
8	Infrastructure	10.79	11.95	110.75
	Total	52.92	53.02	100.19

KIDECO's CSR Program Financing 2021 (in billion Rp)

No.	Main Program	2021		2020		2019	
		Cost	%	Cost	%	Cost	%
1	Education	6.65	12.54	6.47	73.8	8.12	99.1
2	Health	2.41	4.55	3.45	83.0	5.48	105.1
3	Real Income Rate & Occupation	6.35	11.98	5.49	80.6	5.39	83.1
4	Economic Self-Sufficiency	0.81	1.53	0.90	58.9	2.19	57.1
5	Social and Culture	24.02	45.30	19.86	94.5	19.41	135.9
6	Environmental Management	0.8	1.51	0.23	30.1	3.59	94.1
7	Community Institutionalization	0.08	0.15	-	-	0.20	40.0
8	Infrastructure	11.95	22.54	5.67	130.5	3.11	60.1
Total		53.02	100	42.10	88.6	47.48	99.9

Community Engagement [203-2]

KIDECO continuously involves communities and stakeholders in developing, implementing, and evaluating PPM Program and other CSR programs. Several activities that have involved the communities to contribute are as follows:

- A workshop was held on 9 November 2019 on Sustainable Paser Development, involving several parties. The activity was participated by the government and DPRD of Paser Regency, Ministry of ESDM as well as 61 Village Heads and 10 District Heads as direct partners to KIDECO's PPM program;
- Verification on CSR programs development of fostered villages, consisting of 72 Fostered Villages in 10 Districts of Paser Regency;
- Social Mapping, Stakeholder Mapping;
- Multiplier Effect Study on the Impact of PT Kideco Jaya Agung;
- Measuring the Impacts of Kideco's CSR/PPM Program Against Stakeholders Based on Social Return on Investment;
- Virtual PPM Forum.

In accordance with the 62nd anniversary of Paser Regency, the Government of Paser Regency organized Corporate Social Responsibility (TSP) Award, Paser Awards of 2021. This activity was a collaboration between Research Development Planning Board (Bappedalitbang) of Paser Regency and CSR Forum of Paser Regency. There were 16 companies from differing sectors participating in said activity, including KIDECO.

PPM Program's Priority

The focus of PPM Program performed by the company are the economic, education, health, and infrastructure sectors. Referring to the program priority, the company attempts to revitalize the economy of society to increase the welfare. There were 10 districts in Paser Regency which transformed into fostered villages in the PPM program.

PPM Program Priority

Economy and Culture

- Developing local economy potentials through program packages for plantation, farming, husbandry, and fishery;
- Financing the capital of micro business.

Education

- Increasing the quality and capacity of fostered school's residents;
- Assistance program for S1 & S2 scholarship;
- Education simulation;
- Mobile library;
- Assistance for Educational Infrastructure;
- Funding Stimulant Assistance for Education;
- Awards for High-Achieving Students;
- KIDECO Bina Bersama Foundation.

Health

- Increasing the quality of Posyandu cadres;
- Assistance for health infrastructure;
- Health promotion;
- Clean water facilities.

Assistance Infrastructure

Providing infrastructure to support the self-sufficiency of PPM: public services, roads and bridges access, clean water, education, health, place of worship, and others.

Economic Program of PPM

The main objectives of the economic program are to increase income, create job opportunities, and establish self-sufficiency for communities. There are several programs that have been accomplished sustainably by KIDECO by involving the communities in environmental management around the mining sites which aligned with local wisdom, such as farmers' community engagement in procuring organic compost fertilizer.

This 2021, KIDECO started involving the communities to manage manure waste which will be reused in farming activities as compost fertilizer, biogas, and others. The company has built an installation of Biodigester to transform cow manure waste into renewable energy in the form of biogas. Based on this program, KIDECO has calculated that

the energy generated from IFS area in which utilizes the waste of 53 livestock animals created 25,013.26 GJ and this contributed to the decrease of emission by 6.6 tons EqCO₂.

In waste management, KIDECO helped managing the waste generated in Songka Village by providing 1 unit of Dozer, which could ease the waste management in Batu Sopang District, especially the communities residing around the mining sites.

KIDECO contributed a set of laboratory equipments to the Environment Office (DLH) of Paser Regency with the aim of supporting the duties and functions of DLH in providing accurate and valid data on environmental quality and being an evidence in upholding laws on environment.

Plantation

The implementation of PPM Program reflects on potentials and strongly upholds the values of local wisdom. The plantation sector concentrates in palm oil and rubber. A number of assistance conducted by KIDECO were increasing the farmers' capacity, strengthening the institution, procuring lands, opening lands, providing superior seeds, maintaining and constructing road access to the plantation. The plantation program implemented has brought impacts to the communities, such as the rise in village income that was gained from the increasing palm oil price in the market. As a demplot to the pilot project in cultivating palm oil plants, the locations of Integrated Farming System (IFS) managed to produce 24 tons of palm oil in 2021.

2021 Developments

Program	Village	Land Area	Beneficiaries
New Village Plantation Procurement	1. Rantau Atas 2. Keluang Paser Jaya 3. Klempang Sari 4. Padang Jaya 5. Sempulang 6. Long Gelang 7. Pasir Belengkong 8. Suatang Keteban	13 Ha	8 Villages
Palm Oil Plantation Maintenance	Biu	100	1 Village
Village Plantation Maintenance	Rantau Panjang	4	1 Village

Integrated Farming System

Activities fostered in the integrated farming system are those that combine farming activities with village-oriented tourism to maximize the land use. The inclusion of tourism in this IFS can open opportunities to increase income and improve the national happiness index. Owing to the COVID-19 pandemic condition, IFS activities were impossible to conduct.

Institutional Performance

Program Performance	Unit	2021	2020	2019
Number of Farmer Groups	Group	4	4	4
Number of Members	People	100	100	95
Amount of Average Income per Member	Rp	2,500,000	2,500,000	2,400,000
Number of Study Visits by Residents	People	38*	250*	15,000

*Significant decrease occurred due to the COVID-19 pandemic

Environmental Performance

Program Performance	Unit	2021	2020	2019
Amount of Liquid Fertilizer Processing	Liter	150,000	175,000	165,000
Amount of Organic Fertilizer Processing	Kg	52,500	219,000	156,000

Performance in Husbandry, Fishery as well as Plant Cultivation

In 2021, amidst the pandemic condition, fishery cultivation continued to serve as a supporting factor for the economic growth among women farmers' groups. Thus, the fishery cultivation is still maintained up to date.

Additionally, livestock cultivation is still run as a means to fulfill the needs of meat in celebrating the Festival of Sacrifice. Not only that the meat is used, but the waste generated can be processed by the farmers into compost and liquid fertilizers, to which then used for plantation and farming activities.

Activities of Husbandry and Fishery as well as Plant Cultivation

Program Performance	Unit	2021	2020	2019
Number of Cows	Cow	53	78	53
Number of Goats	Goat	37	50	100
Number of Fish	Fish	15,000	15,000	10,000

Home Industry

The development of home industry involves housewives by forming a Women Farmers' Group (KWT). Its primary activity is manufacturing various processed home industry products, such as amplang, crackers, and other similar snacks without preservatives. In 2021, there were 95 residents from two villages who received guidance in

KWT activities, which were KWT Rangan Indah in Rangan Village and KWT Samuntai Village of Long Ikis District. This guidance was given along with a strict safety protocol. KWT that successfully turned into a non-governmental organization post guidance was KWT Rangan Indah Agung, which now has developed into Women Farmers' Cooperation of Rangan Indah Agung.

Number of non-governmental organization members of Paser Regency in 2021

No.	Description	Location/Village	Number of Members
1	Women Farmers' Group of Rangan Indah	Rangan/Kuaro	50
2	Women Farmers' Group of Samuntai	Samuntai/Long Ikis	45
3	Farmers' Group of Rindang Jaya	Samurangau/Batu Sopang	15
4	Farmers' Group of Harapan Mandiri	Samurangau/Batu Sopang	15
5	Village-Owned Enterprise (Bumdes)	Janju/Tanah Grogot	8
6	Village-Owned Enterprise (Bumdes)	Padang Jaya	6
7	Village-Owned Enterprise (Bumdes)	Klempang Sari	8
8	Village-Owned Enterprise (Bumdes)	Uko	8
9	Village-Owned Enterprise (Bumdes)	Biu	10

In 2021, fifteen units of home industry was capable to absorb 87 people in workforce. In the future, KIDECO will further develop the Digital Marketing which can heighten the potentials of home industry and we will focus to increase the number of existing home industry.

Realization of Home Industry Development Program

Achievement Indicator	Unit	2021	2020	2019
Number of IRT Production Central	Unit	15	15	13
Number of Types of Products Manufactured	Product	69	69	67
Number of Members	People	87	87	85
Operating Income per Annum	Million Rp	5,000	5,000	3,000

Non-Governmental Organization (Cooperation)

KIDECO had made an accomplishment in guiding non-governmental organizations which have now transformed into a cooperation. In 2021, four cooperation were fostered by KIDECO with a total of 180 members.

List of CSR Fostered Cooperation of PT Kideco Jaya Agung of 2021

Name of Cooperation	Location	Number
Fishermen Cooperatin of Telake Jaya Agung	Muara Telake	1
Fishermen Cooperation of Adang Agung Jaya	Muara Adang	1
Farmers' Cooperation of Mandiri Jaya Agung	Samurangau	1
Women Farmers' Cooperation of Rangan Indah Agung	Rangan	1



CSR Programs

Social and Culture Program of PPM

Public Relations Activities and Participation in Public Holiday Festivities

In 2021, approaching Eid al-Fitr and Eid al-Adha, PPM KIDECO distributed 16,300 religious packets to pre-prosperous families in 91 points across 8 districts, and 140 cows in 135 points throughout 8 districts. Christmas

festivity of 2021 was delayed until January 2022 due to the COVID-19. Aside from aids during public holidays, KIDECO also participated in Musabaqoh Tilawatil Qur'an (MTQ) at Regencial level in Muara Koram District, which was joined by 10 Districts in Paser Regency.

Staple Food Packets

Year	Number of Location	Financing (billion Rp)	Number of Packets
2019	82	2.61	15,550
2020	82	2.56	15,550
2021	91	2.53	16,300

Cows as Animal Sacrifice

Year	Number of Location	Financing (billion Rp)	Number of Cows
2019	108	1.80	112
2020	109	1.82	113
2021	135	2.32	140

Support for Paser's Traditional Art and Culture

To support Paser's traditional art and culture activities, KIDECO offers sponsorship for each festival held by Rebuntung dance studio. In 2021, the Rebuntung Dance Studio won first place representing Indonesia in Sopravista Prometheus International Festival online in Italy.

Community Development and Training

KIDECO actively participates in social activities by establishing an emergency team for natural and non-natural disasters, such as social assistance. In the beginning of 2021, the assistance was given to communities affected by a natural disaster in South Kalimantan and West Sulawesi. Moreover, KIDECO directly helped providing aid to those who were affected by the natural disaster caused by Mount Semergy and fire incident in Batu Kajang.

Despite the absence of KIDECO Futsal CUP 2021, it did not deter the company in nurturing sports and youth. KIDECO took up the role as a sponsor in NMC CUP 2021, which served as a soccer competition for students and held by NMC Media, one of local online media in Paser Regency. Also, the company supported Premier League Soccer Competition of Tanah Grogot, which was organized by ASKAP PSSI Paser.

Aside from actively supporting futsal, KIDECO's Badminton Academy participated in several events, among others were friendly competition in Balikpapan which won first place in men's singles and a national event Taqi Arena in Cimahi, Bandung, which ranked 8th.

KIDECO also established an Independent and Aware Movement (GSM) for Fostered inmates of Class IIB Tanah Grogot Penitentiary Institution, which continued to 2021. This program aims to increase awareness, skills, and independence of fostered inmates who are serving time in prison. The GSM program offers various training, such as handcraft work from Lepironia (sedge)/grass and cord rope, culinary session, making assorted bread, farming and fishery activities, and snacks with a total of ± 36 fostered inmates. In 2021, the GSM activities injected Rp18 million into the Non-Tax State Revenue (PNBP) while the premium given to the fostered inmates amounted to Rp60.21 million. The amount of premium received by WBP depended on the length of time they completed the development program. The highest premium of this year was accepted by Nurisa at Rp9.42 million, who is now free.

Socio-cultural Infrastructure Procurement

Socio-Cultural Infrastructure	Program Realization							Total
	2021	2020	2019	2018	2017	2016	2015	
Road	3	3	3	2	-	5	13	29
Bridge	3	1	1	2	-	1	7	13
Mosque & Musholla	3	6	7	3	2	7	2	28
Electrical Facilities	-	-	198	189	55	1	4	447
Buildings' Fence	1	-	-	2	-	4	7	14
Sports Facilities	1	1	1	1	1	-	3	9
Community Security Post	-	-	-	1	-	2	1	4
Office Gutters	1	-	1	-	1	-	2	4
Place of Ablution	1	1	-	-	-	1	3	6
Office Yards	1	2	-	4	-	4	4	14

Educational Program of PPM

Human Resources Development is the priority of KIDECO as quality HR will strengthen the community's self-sufficiency in coping with the company's post-mining activities. There were several activities held by the company up to the end of the reporting period.

PPM KIDECO's Educational Program is as follows:

- School Development Program
- Training and Skills for Teachers
- Rewards for High-Achieving Students, KIDECO Paser Gemilang
- Paser Gemilang Scholarship (S1 and S2)
- Stimulant Assistance for Education
- Performance of Bina Bersama KIDECO Foundation (YBBK)

School Development Program

SDP Program is now focused on developing human resources (HR), namely teachers and students. Not only the activities focusing on model schools that require constant guidance, but also have the teachers participated in training programs. In 2021, the SDP program was applied in 10 districts, giving exposure to 200 schools in Paser Regency. To success the programs, KIDECO joined forces with various parties, such as Education Office, teachers' forum starting from Kindergarten's teachers' forum (IGTKI), primary school teachers' forum (Teachers' Work Group/KKG), primary school teachers' forum (Primary Schools' Principals' Work Group/K3S), middle schools' teachers' forum (Subject Teacher Association), and middle schools' principals' forum (Middle School Principals' Association). The cooperation allowed KIDECO to increase the program quality that by the end of 2021 KIDECO has had 19 Adiwiyata Binaan Schools, consisting of 3 Model Schools and 12 Impact Schools. Moreover, SDN 013 Batu Sopang and SMPN 1 Batu Sopang successfully seized Adiwiyata Mandiri and SDN 004 Batu Sipang Adiwiyata Regency.



School Development Program

Implementation of SDP

No.	District	School	Teacher	Student	Remark
1		SDN 013	40	730	Model School
2	Batu Sopang	SMPN 1	42	594	Model School
3		SMPN 2	18	219	Model School
Sub Total		3	100	1,543	
	Batu Sopang	SDN 001	17	365	Impact School
1		SDN 002	12	103	Impact School
2		SDN 004	8	72	Impact School
3		SDN 005	10	116	Impact School
4	Batu Sopang	SDN 009	11	100	Impact School
5		MI Fathurrahman	11	173	Impact School
6		MTs Fathurrahman	10	135	Impact School
7		SMPN 4	13	92	Impact School
8		SMAN 1 Batu Sopang			
Sub Total		6	92	1,156	
1	Muara Samu	SDN 001	11	131	Impact School
2		SDN 002	10	74	Impact School
Sub Total		2	21	205	
1	Kuaro	SDN 010	9	128	Impact School
Sub Total		2	9	205	
	Tanah Grogot	SMPN 1	22	183	Impact School
Sub Total		1	22	183	
Grand Total		13	234	3,032	

Teachers' Training and Skills

Teachers' training programs are in place based on a cooperation with regency-level Teachers' Forum. We have a target to organize training for 1,000 teachers, but throughout the reporting period we only managed to invite 1,156 teachers. The training was joined by teachers from Batu Sopang, Muara Samu, Kuaro, Muara Komam, Long Ikis, Long Kali, Tanah Grogot, Pasar Belengkong, Batu

Engau, and Tanjung Harapan Districts. The training was held online with a theme reflecting the year 2021, Digital Learning, Digital Literacy and Minimum Competency Assessment for Primary School, Middle School, and High School Teachers. As for TK-PAUD teachers, they were given the theme Digital Literacy. These training were aligned with the existing needs after coordinating with the Education Office and Teachers' Forum.

Realization of Training and Improvement of Teachers' Skills

Program Beneficiaries	2021	2020	2019
Number of Teachers	1,156*	707	991

*All trainings in 2021 were held online

Number of Teachers Benefitting from HR Development Training Program

Year	TK/PAUD	SD	SLTP	SLTA
2019	116	400	185	6
2020	280	165	328	228
2021	246	430	420	60



Scholarship/stimulant fund

Scholarships of KIDECO Gemilang and KIDECO Paser Gemilang

Assistance in the form of S1 educations scholarship is given for high-achieving students who come from underdeveloped family and are unable to continue their education to university level. KIDECO also provides

scholarship to excellent graduates to pursue S2 education. As of the end of 2021, there have been 35 high-achieving graduates who were selected as beneficiaries, with a total of assistance of Rp1 billion per year. This assistance was available throughout a 4-year study period for S1 and 2 years for S2.

As were the previous years, in 2021, KIDECO granted a reward for those who excelled academically to show an appreciation and encourage them to maintain their performance. In the reporting period, there were 1,935 high-achieving students who became beneficiaries with a total assistance given reaching Rp334.04 million.

Realization of S1 and S2 Scholarship

Beneficiaries	Unit	2021	2020	2019
S1 Education	People	30	30	30
S2 Education		5	5	5
Total	Billion Rp	1	1	1

Realization of Beneficiaries of High-Achieving Students (KIDECO)

Description	Unit	2021	2020	2019
School	People	98	96	96
Reward		1,935	1,911	1,830
Total	Rp	334,039,000	326,551,000	255,598,000

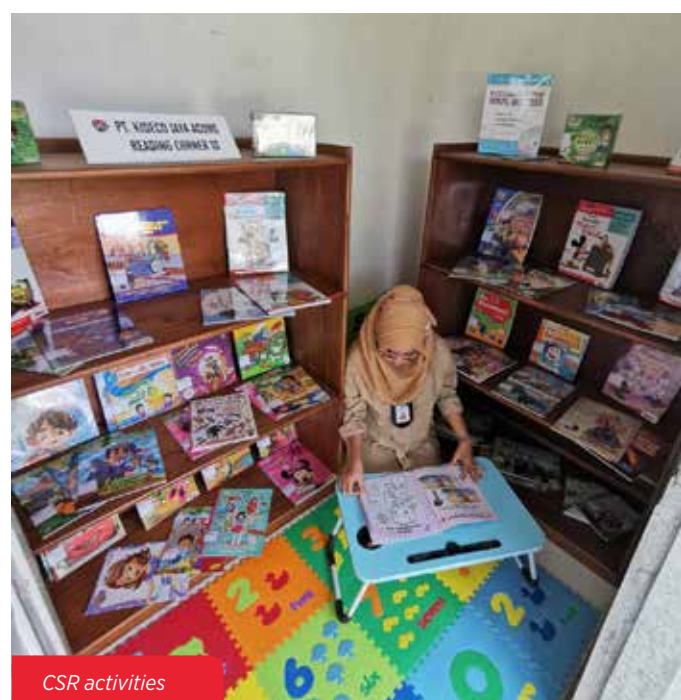
Comparison of Plan and Realization of Beneficiaries of High-Achieving Students (KIDECO Gemilang)

No.	District	Plan		Realization		Educational Level
		School	Reward	School	Reward	
1	Batu Sopang	35	819	35	819	TK PAUD-SLTA
2	Muara Samu	15	231	15	231	
3	Muara Komam	20	375	20	375	
4	Kuaro	21	396	21	396	
5	Tanah Grogot	7	114	7	114	
Total		98	1,935	98	1,935	

No.	Educational Level	Number	
		School	Reward
1	Kindergarten/Early Childhood Education (PAUD)	26	279
2	Primary School/MI	47	1,104
3	Middle School/MTS	16	363
4	High School/MA	9	189
Total		98	1,935

Education Fund Assistance and Mobile Library

KIDECO still makes efforts in educating the people of Indonesia through education fund assistance and mobile library. The education fund assistance is aimed for high-achieving students from least fortunate families across all educational levels and excelling teachers. In 2021, number of education fund assistance beneficiaries reached 2,318 in four districts.



CSR activities

Total beneficiaries of stimulant assistance for education in 2021

No.	District	Total Beneficiaries	
		2021	2022
1	Batu Sopang	891	823
2	Muara Samu	1,148	1,138
3	Tanah Grogot	139	139
4	Muara Komam	140	136

There are 3 units of operating mobile library complete with various facilities. The mobile library is also equipped with multimedia tools and storytellers, who can motivate children in their learning process. During the COVID-19 pandemic, this facility was unavailable as school children studied online.

Mobile Library Program Performance

Description	2021	2020	2019
Number of Vehicles	3	3	3
Number of Books Collection	13,055	13,055	11,535
Number of School Visits	0 (pandemic)	73	73
Borrowing Frequency of the Books	0 (pandemic)	128	32,139
Total Visiting Students and Teachers	0 (pandemic)	189	21,546

KIDECO Bina Bersama Foundation (YBBK)

Considering the increasingly stricter the work competition is, KIDECO strives to help the people who are about to embark the employment sector. The YBBK program was introduced to provide trainings related to skills and fundamental expertise required in employment. Several trainings taught are English, Arabic, and computer courses, which are currently in high demand. Moreover, YBBK

also sharpening the education quality for children who are in kindergartens and Quran education school (TPA). The contribution made by KIDECO was noticeable in the assistance given to the program facilities and infrastructure, but they were separated from the Education PPM program. In 2021, due to the ongoing pandemic, the learning process of YBBK was held online.

YBBK Performance Realization

YBBK Activities	2021	2020	2019
TK Jaya Taka	142	184	184
TPA Ibadurrahman	0	48	48
Computer Course	137	62	58
English Course	517	178	430

Plan and Performance Realization of YBK of 2021

Types of Education	Number of Students						Total	
	Batu Sopang Unit		Muara Samu Unit		Muara Komam Unit		Plan	Realization
	Plan	Realization	Plan	Realization	Plan	Realization		
Kindergarten	100	142	0	0	0	0	100	142
Quran Education School	0	0	0	0	0	0	0	0
Computer Training	0	0	0	0	40	42	60	137
English Training	200	475	0	0	40	42	240	517

Educational Collaboration Program

In 2021, PT Kideco Jaya Agung collaborated with Indika Foundation in the education sector of CSR program. There were 4 programs embedded in the synergy, which were as follows:

1. Foster Parent Program, a school guidance and financing program for children residing around KIDECO's sites. This activity was designed to assist foster children until they have the ability to work independently after graduating from high school despite not pursuing higher education.
2. KIDECO Digital Competition, a digital competition program with 3 categories, namely photos, videos, and essays for the youth residing around KIDECO's sites using the theme Peace and Collaboration. The program was to have the students around the sites to be able to channel their creativity into digital work.
3. Peace Value Training Program, a program that allows students to be immersed in values of peace.

4. KIDECO UKS Champion, a training and guidance program designed for middle school students so that they could become a health ambassador in their schools. The students would be able to understand and spread the importance of healthy lifestyle, even more so in this pandemic era.

Health Program of PPM

In 2021, PT Kideco Jaya Agung contributed to achieving the Sustainable Development Goals (SDGs) in the health sector. There were several programs applied, such as Posyandu Empowerment, Health Mobile (Posbindu Mobile), Education on the dangers of drugs and HIV/AIDS for adolescents, capacity building for healthcare workers, vaccine goes to community, clean water facilities to establishment of facilities that support community-based health business activities. All these programs are to awaken the awareness in the community towards healthy life.

Realization of Healthcare Priorities of PPM Program

Description	Total Beneficiaries		
	2021	2020	2019
Number of Posyandu Cadres	27	-	-
Number of Fostered Posyandu	6	-	6
Number of Healthcare Workers (Midwives)	583	223	-
Number of Health Mobile	1	1	1
Target of Audience for Webinar on Educating the Dangers of Drugs and HIV/AIDS			
Student	450	0	475
Teacher	9	0	180
School	9	0	10
Clean Water Facilities	2	4	5
Posyandu	6	6	5
Health Canteen	2	1	1
Bathing, Washing, Latrine (MCK) Facilities Construction	1	0	0
Proper Housing	10	9	6

Trainings for Posyandu Cadres and Healthcare Workers (Midwives)

Training	Location	Total Beneficiaries							
		Midwives		Cadres		Posyandu		Village	
		Plan	Realizaion	Plan	Realizaion	Plan	Realizaion	Plan	Realizaion
Upskilling posyandu cadres	Batu Sopang District	-	-	36	12	18	4	18	4
Health Webinar	Paser Regency	200	433	-	-	-	-	-	-
PMBA	Klempang Sari	-	-	15	15	-	-	-	-
Training on Midwifery Updates	Paser Regency	150	150	-	-	-	-	-	-

Realization of Healthcare Infrastructure Procurement

In 2021, KIDECO created clean water facilities provision program by constructing drinking water refilling station using Reverse Osmosis (RO) system in Pondong Village and Pasir Mayang Village of Kuaro District. KIDECO joined

forces with Bumdes and villages to manage the drinking water refilling stations. The total budget realization for this program amounted to Rp296 million.

Healthcare Infrastructure Procurement

Healthcare Infrastructure	Program Realization							Number
	2021	2020	2019	2018	2017	2016	2015	
Clean Water Facilities	2	4	5	13	-	1	2	21
Posyandu	1	-	6	-	-	1	2	4
Health Mobile	0	1	1	1	-	-	3	6
Health Canteen	2	1	1	1	1	-	2	8
Bathing, Washing, Latrine (MCK) Facilities Construction	1	-	-	3	-	3	4	11
Proper Housing	10	9	6	10	9	8	10	62

Aside from the programs mentioned above, KIDECO also maintains an assistive program in the form of proper housing given to residents of Biu, Samurangau, and Songka Village. The beneficiaries of the proper housing were pre-prosperous people who live in those villages. The number of proper housing built since 2002 totaled 417 units of house.

Protecting Community from the COVID-19 Pandemic

Protecting communities residing around the mining sites of KIDECO is a part of its commitment in the COVID-19 pandemic era. We perform social and environmental

responsibility by implementing safety protocol and organizing virtual meetings.

In 2021, KIDECO provided facilities & infrastructure assistance to support mitigating the COVID-19 pandemic and organize the COVID-19 vaccination programs. KIDECO built a vaccine counter to help the mobile goes to community program reached its target, which was communities who struggled to obtain vaccines (remote area). The beneficiaries of this program totaled 23,707 people with first and second dosage.

Vaccination Program of 2020-2021

Vaccine Recipient	Vaccination 1	Vaccination 2	Percentage
Employee	654	654	100%
Contractor	12,157	12,157	100%
Community	7,169	4,368	75%

Allocation of fund for this program amounted to Rp2.64 billion. KIDECO also channeled some aids related to the COVID-19, such as follows:

1. Renovation of 2 units of quarantine buildings of re-ex Panglima Sebaya;
2. Assistance in building vaccine and swab facilities for Puskesmas of Batu Kajang;
3. Assistance in providing 20 oxygen contractors for Panglima Sebaya Hospital;
4. Assistance in providing 5 units of oxygen contractors for Paser Health Office;
5. Assistance in providing rapid tests and personal protective equipment for Muser Puskesmas;
6. Assistance in providing healthcare tools and vitamins for healthcare workers in Panglima Sebaya Hospital;

7. Support in accelerating the COVID-19 vaccination in Paser Regency;

8. Assistance in providing 2 units of coldchain/ice-lined refrigerators.

Infrastructure Development Program of PPM [203-1]

Program of infrastructure and public facilities development are on pro bono so communities can gain more flexible access to public facilities. The realization of some infrastructure developments includes posyandu building, multifunction building renovation, repairs on connection roads interdistrict, intervillage, and on plantation roads. Moreover, in 2021, PPM KIDECO established 3 shallows' cultivation houses in 3 villages.

Beneficiaries of the 2021 infrastructure program

Infrastructure Program	Village	Number
Posyandu	Samurangau	48
Multifunction Building	Biu	795
Road	Samurangau, Biu	1,772
Bridge	Samurangau	7,985

Realization of Supporting Infrastructure Program of PPM

Supporting Infrastructure of PPM	Program Realization							Number
	2021	2020	2019	2018	2017	2016	2015	
Village Office, BPD, Bumdes, PKK, Posyandu	1	5	7	12	1	1	1	5
Multifunction Building and Education	1	1	1	4	-	1	-	8
Shallows' Nest Cultivation House	3	8	8	16	8	2	2	59
Procurement of Fishermen's Boat Engines	94	94	94	70	126	137	128	745
Road	3	5	4	2	-	5	12	27
Bridge	1	1	2	2	-	1	7	15

Supporting Infrastructure Development in Coastal Areas

Throughout the reporting period, KIDECO provided aids in the form of supporting infrastructure for communities in coastal areas. This is in effect to help the communities, who work as fishermen, in obtaining transportation. Beneficiaries of these boat engines in 2021 were communities living in

coastal areas in 4 villages with a total of 94 units of boat engines. Villages which received the assistance were Muara Telake, Muara Adang, Pondong, and Harapan Baru Villages. Besides the boat engines, KIDECO also erected a place of worship and other supporting infrastructures.



Infrastructure for CSR Assistance on Community Economy

Sustainability Governance and Economic Performance



Developing the economy and regenerating local communities are among important items for KIDECO as a corporate. These are embodied through good corporate governance (GCG) implementation based on sustainability values.

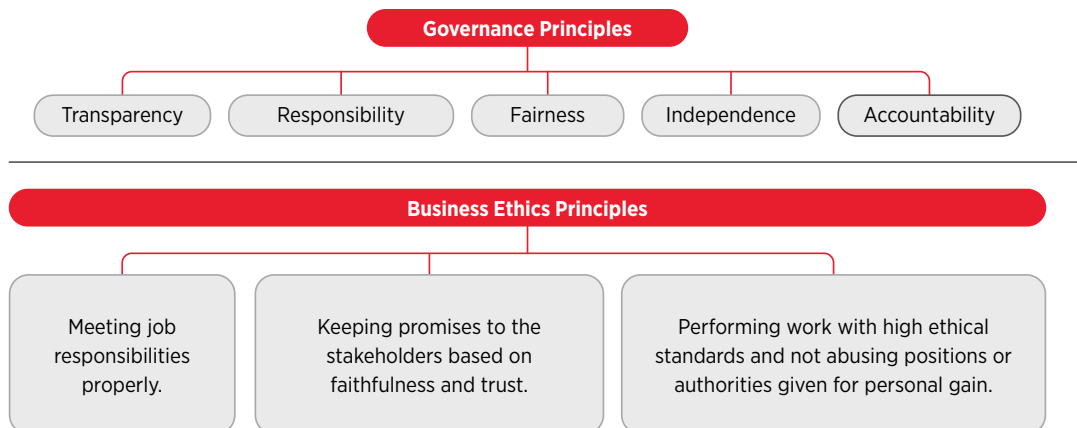


Top Management

Supports for Good Corporate Governance and Diversity

Good corporate governance is applied starting from the highest management, Board of Directors and Board of Commissioners, by involving all corporate officials and employees. The GCG implementation is in accordance with

applicable laws in performing business with integrity and ethics. Supports for the GCG implementation also come from various stakeholders.



Supporting Diversity

The company supports diversity in managing business. The highest governance structure is General Meeting of Shareholders (GMS), followed by Board of Commissioners and Board of Directors. To bolster the supervisory function, the Board of Commissioners has the help of special committees while the Board of Directors serves a concurrent position as Chief of Officer. In this sense, the Board of Directors functions to streamline business developments as well as the strategies for its implementation and oversight. President Commissioner and other commissioners do not serve any concurrent positions as executives. The Board of Commissioners focuses on overseeing the company, and the Board of Directors concentrates on spearheading the company. [102-18, 102-23, 102-26]

Membership of the Board of Commissioners and Board of Directors will be stipulated in the GMS based on the proposal of shareholders. Members of the Board of Commissioners and Board of Directors do not have certain relations that may cause conflict of interests on both sides. Hence, a selective appointment is necessary so that business runs according to the GCG principles. The appointment of members of the Board of Commissioners and Board of Directors is adjusted to the competent expertise and educational background.

[102-24, 102-25]

As a support to the supervisory function of the Board of Commissioners, in 2021 KIDECO established committees, such as follows:

1. Audit, Risk & Compliance Committee;
2. Nomination and Remuneration Committee;
3. Project and Investment Committee;
4. Sustainability Committee.

Composition of the Board of Commissioners as of 31 December 2021 [102-22]

Name	Gender	Position	Field of Expertise
Azis Armand	Male	President Commissioner	Economics – Urban Planning
M. Arsjad Rasjid P.M.	Male	Commissioner	Computer Engineering – Business Administration
Ha Gil Yong	Male	Commissioner	Accounting Economics
Komisaris Jenderal Polisi (Purn) Drs. Suhardi Alius, M.H.	Male	Commissioner	Indonesian National Police - Law
Letnan Jenderal TNI (Purn) Dodik Wijanarko, S.H.,CfrA	Male	Commissioner	Military Academy – Law
Bob Kamandanu	Male	Commissioner	Chemical Engineering – Business Administration – Finance
Kamen Kamenov Palatov	Male	Commissioner	Business Administration

Composition of the Board of Directors as of 31 December 2021 consisted of nine people. The appointment of members of the Board of Directors has also considered the field of expertise and other diversity background. Additionally, the Board of Directors has the assistance of Advisor and Head of Mine Engineering, which are equivalent to Director. [102-22]

Composition of the Board of Directors as of 31 December 2021

Name	Gender	Position	Field of Expertise
Mochamad Kurnia Ariawan	Male	President Director	Finance-Accounting
Johanes Ispurnawan	Male	Vice President Director	Economic and Human Resource
Tatan Achmad Taufik	Male	Director	Finance-Accounting
Anton Kristianto	Male	Director	Marketing, Economy -Management
Leonardus Herwindo	Male	Director	Mechanical Engineering – Business Administration
Edra Emilza	Male	Director	Mining Engineering
Kim Il Soo	Male	Director	Civil Engineering
Kang Seungmin	Male	Director	Mining/Civil Engineering
Arif Kayanto	Male	Director	Law

The composition of the Board of Directors and Board of Commissioners is based on Deed of Amendment No. 13 of 15 April 2021 and Decree of Justice. All forms of amendments of the Board of Commissioners and Board of Directors will be reported to the Minister of Energy and Mineral Resources (ESDM) upon the fulfillment of Article 64 of the ESDM Minister's Regulation No. 7 of 2020. The amendment has been reported by KIDECO to ESDM on 29 April 2021 through Letter of Kideco No: KJJ 216/LEG-020/IV on the Reporting of Changes in the Composition of the Board of Commissioners and Board of Directors of PT Kideco Jaya Agung of 23 April 2021.

In 2021, a Task Force Team ("TFT") of Environmental, Social & Governance ("ESG") 1 led by Leonardus Herwindo based on the Internal Memo of President Director No: 38/KJA/PD/A/XI/2020 of 25 November 2020 and followed by the establishment of TFT ESG 2 led by Johanes Ispurnawan based on the Internal Memo of the President Director No:20/KJA/PD/A/VIII/2021 of 26 August 2021. All forms of responsibilities and decision-makings were conducted collectively through the supervision of the Board of Commissioners and reported to Shareholders through GMS. On the other hand, the Board of Directors could delegate their duties to their subordinates according to the GCG implementation. The new structure due to the 2021 changes can be viewed on page 70. [102-19, 102-20]

If there is an urgency, the Board of Directors can consult with stakeholders directly or indirectly by delegating

authorities. Such consultation is to identify and manage various impacts and issues of environment, social, and governance (ESG) on activities conducted by KIDECO. Referring to community empowerment activities, the Board of Directors delegates authorities to Senior Manager External Relation-Corporate Social Responsibility (ER-CSR) to consult and coordinate with stakeholders. [102-19, 102-21, 102-29]

KIDECO implements Key Performance Indicators (KPI) as a reference for the performance assessment of the Board of Commissioners and Board of Directors. Assessment is carried out periodically and stipulated in the beginning of a fiscal year. We also have the Board of Commissioners and Board of Directors participated in enhancing their insights on sustainability performance. [102-27, 102-28]

ESG Risk Management [102-11]

The company performs a mapping on key risks which have relations to issues management of environment, social, and governance (ESG). Risk management is led by Risk Management Team which reports its performance directly to the Board of Directors. The risk management will run a periodical assessment to search for opportunities that can be used in developing the company's business operations. KIDECO's risk management relates to OHS and human capital aspects as well as environmental impacts from mining activities. [102-31]

ESG Risks and their Mitigations [102-30]

Types of Risks	Mitigation
Environment	KIDECO is aware that its operations could possibly impact the environment. The Company constantly conforms to all provisions and responsibilities related to environmental impact caused, including mine reclamation and rehabilitation.
Social	
Occupational Health and Safety	Coal mining activities performed by the Company may potentially cause work accidents, which could disrupt the operations. KIDECO continuously seeks to reduce the potential accidents or damages, which could lead to material liability, by implementing the best mining practices.
Community	KIDECO seeks to keep a good relationship with local communities to reduce social conflict potentials. The Company holds sustainable empowerment programs to elevate the community welfare, in hope they will participate in keeping the relationship and supporting KIDECO presence.
Governance	
Regulation	Amendments in regulations have immediate effect to the Company's operations and competitiveness. KIDECO makes efforts to adjust with the prevailing governance provisions on energy resources in Indonesia, and strives to prioritize contractors, workforce, products, as well as domestic services.
Production	Performing periodical coordination between KIDECO related departments with partner companies.
Global Coal Market Volatility	The global coal market affects the selling prices and Revenue. KIDECO attempts to maintain the customers through renewal and extension of supply agreement in order to achieve coal purchases with mutually beneficial agreements. KIDECO does not perform coal mining reserves development if the long-term fluctuation of coal prices in the global market fluctuate seems unprofitable or may significantly increase operations fee.

KIDECO holds a meeting with various stakeholders, including shareholders, employees, and communities. The said meeting is to discuss urgent matters with possible follow-ups. [102-33] [102-34]



Annual Strategic Meeting of the Board of Directors



BOD's Annual Strategic Meeting

Supports in Sustainable Operations

KIDECO implements efficiency and innovations that can bolster sustainability amidst the COVID-19 pandemic and global coal price volatility. We ensure continuity of

operations so that economic performance can be sustained and distributed.

Management Approach [103-1, 103-2, 103-3]

Production rate and revenue are continuously maintained by the company for optimal operations. We carry out optimization through Minerva Project and have the initiatives to expand new export destinations for market growth. Economic performance becomes the responsibility of Chief of Officer (CFO) Function with KPI-based evaluation. On the other hand, managing the company is the responsibility of Board of Director and evaluated by the Board of Commissioners. The evaluation results state that KIDECO's management performance has run well.

KIDECO's Performance Excellence

KIDECO strives to continue showing excellence performance despite still experiencing the COVID-19 pandemic. Throughout the reporting report, the production volume of 2021 reached 35,821,057 MT coal or 100.28% of the target, increasing by 8% compared to 2020. This increase was adjusted with the government policy to control prices.

The sale volume in the reporting period reached 35,803,529 tons of coal or 100.29% of the target. The marketing focus of this year was to meet the Domestic Market Obligation (DMO), and the main export market was China as the lockdown policy in the COVID-19 pandemic was almost over.

Economic Performance

Description	Unit	2021	2020	2019
Sales		2,196.8	1,249.4	1,574.1
Gross Profit	Million USD	835.58	177	248.3
Operating Profit		773.8	138.9	211.0
Net Income		426.3	75.4	119.8
Average Selling Price	USD/Ton	61.36	37.82	45.07
Gross Margin		38.03	14	15.7
Operating Margin	%	35.22	11.1	13.4
Net Margin		19.41	6.0	7.6
EBITDA Margin		35.4	10.85	13.9

Production and Sale Performance

Description	Unit	2021	2020	2019
Overburden	mn bcm	179,875,758	186,921,225	214,641,987
Production Volume	MT	35,821,057	33,004,280	34,281,940
Sale Volume	MT	35,803,539	33,054,580	34,721,730
Stripping Ratio	X	5.02	5.66	6.26
Average Selling Price	USD/Ton	61.36	37.82	45.07

Country of destination and percentage of coal sales in KIDECO

Country of Destination	Percentage of Total Buyers	Percentage of Total Purchase Quantity
Indonesia	25	34
China	28	30
Japan	6	2
South Korea	8	5
Taiwan	2	3
Philippines	12	5
Malaysia	2	9
Vietnam	2	1
Singapore	1	1
Thailand	3	1
India	9	7
Slovenia	1	1
Selandia Baru	1	1

Continuously Safeguarding KIDECO's Excellence

We are committed to always safeguarding KIDECO's excellence for sustainable operations and business.

Supporting Materials in Coal Production Process ^[301-1]

Material	Unit	2021	2020	2019
Blasting				
Ammonium Nitrate	Ton	29,610	30,040	32,265
Dynamite	Kg	96,103	82,344	103,499
Detonator	Unit	592,107	632,758	748,112
Chalk		63,665	46,930	48,365
Alum	Kg	1,366,460	932,725	624,255
Other reagents		49,050	39,650	54,375
RollFloc		54,365	29,960	26,565

KIDECO ensures operational excellence remains maintained and well-implemented. We constantly perform exploration to increase resources and coal reserves as well as implement quality management. We also synergize with other subsidiaries of Indika Energy to achieve maximum operations and business.

In 2021, as of the end of the reporting period, KIDECO's explorations recorded an estimate of 1,525.1 million tons of coal resources, whereas the coal reserves totaled 437.8 million tons. Based on the results and production rate, KIDECO's production period can reach 22 years.

Estimated Coal Resources in KIDECO

Areas of Operation	Unit	2021	2020	2019
Roto Samurangau	Million Ton	1,502.14	1,536.96	1,543.95
Susubang Uko		23.00	24.00	40
Samu Bui		7.30	1.50	-
Total		1,525.14	1,568.30	1,583.95

Estimated Coal Reserves in KIDECO

Areas of Operation	Unit	2021	2020	2019
Roto Samurangau	Million Ton	422.1	493.0	495.0
Susubang Uko		7.30	5.0	5.7
Samu Bui		0.90	0	0
Total		430.3	498.0	500.7

The quality excellence of products become our responsibility, and KIDECO is committed to protect the quality of environmentally friendly coal products. Quality management is implemented in accordance with ISO

9001:2015 which has been obtained by the company. Its implementation is also integrated with KIDECO's Integrated Management starting from mining, hauling, storing, and shipping.

Quality Improvement Target

Target	2021 Achievement
On-schedule and prompt production.	35,821 Kton
On-schedule and prompt shipment	35,842 Kton
Quantity assurance	RS 10,598 Kton, Blend 3,269 Kton & SM 21,975 Kton
Accurate quality specification	RS 4,841 kcal/kg, Blend 4,533 kcal/kg & SM 4,140 Kton

KIDECO's Coal Quality Monitoring

Name of Block	KIDECO's Coal Quality Parameter			
	Caloric Value (Kkal/Kg)	Ash (%)	Total Sulfur (TS) (%)	Total Moisture (%)
Roto Samurangau				
North Roto	3,989-6,208	2-6	0.08-0.21	14-37
Central Roto	3,961-4,945	2-8	0.08-0.17	24-36
South Roto	4,290-5,594	1-9	0.07-0.20	20-32
Samurangau	4,000-4,839	2-6	0.09-0.35	26-38
Susubang Uko				
Susubang	4,567-5,454	1-10	0.11-0.30	20-25

KIDECO has one-stop mining system with effective and efficient operation as it is supported with adequate infrastructure. The production capacity is 55 million tons per year with an open pit method using trucks and excavators.

Cover material will be hauled according to the types of material. In 2021, the company's operational activities were not conducted together with community resettlement in the areas of operation.

Coal Hauling Operational Flow

Stage	Infrastructure and Facilities
Mine	Mine road, excavator, dump truck
ROM Stockpile	Mine road, dump truck
Crushing Plant	RS 10,598 Kton, Blend 3,269 Kton & SM 21,975 Kton
Silo	<ul style="list-style-type: none"> • Coal crusher and coal filter • Conveyor Belt
Tanah Merah Coal Terminal (TMCT)	<ul style="list-style-type: none"> • Hauling road • Double decker trailer truck • Conveyor Belt • Stockpile area • Barge filling
Barge	Barge
Transshipment	<ul style="list-style-type: none"> • Floating crane • Floating loading facilities

KIDECO builds synergy with other subsidiaries of Indika Energy Group to bolster the increase in operation and business. The synergy established includes mining

operation service with PT Petrosea Tbk (Petrosea) as well as energy infrastructure with PT Mitrahaatera Segara Sejati Tbk (MBBS) and Cirebon Electric Power.

KIDECO's Synergy with Indika Group's Subsidiaries

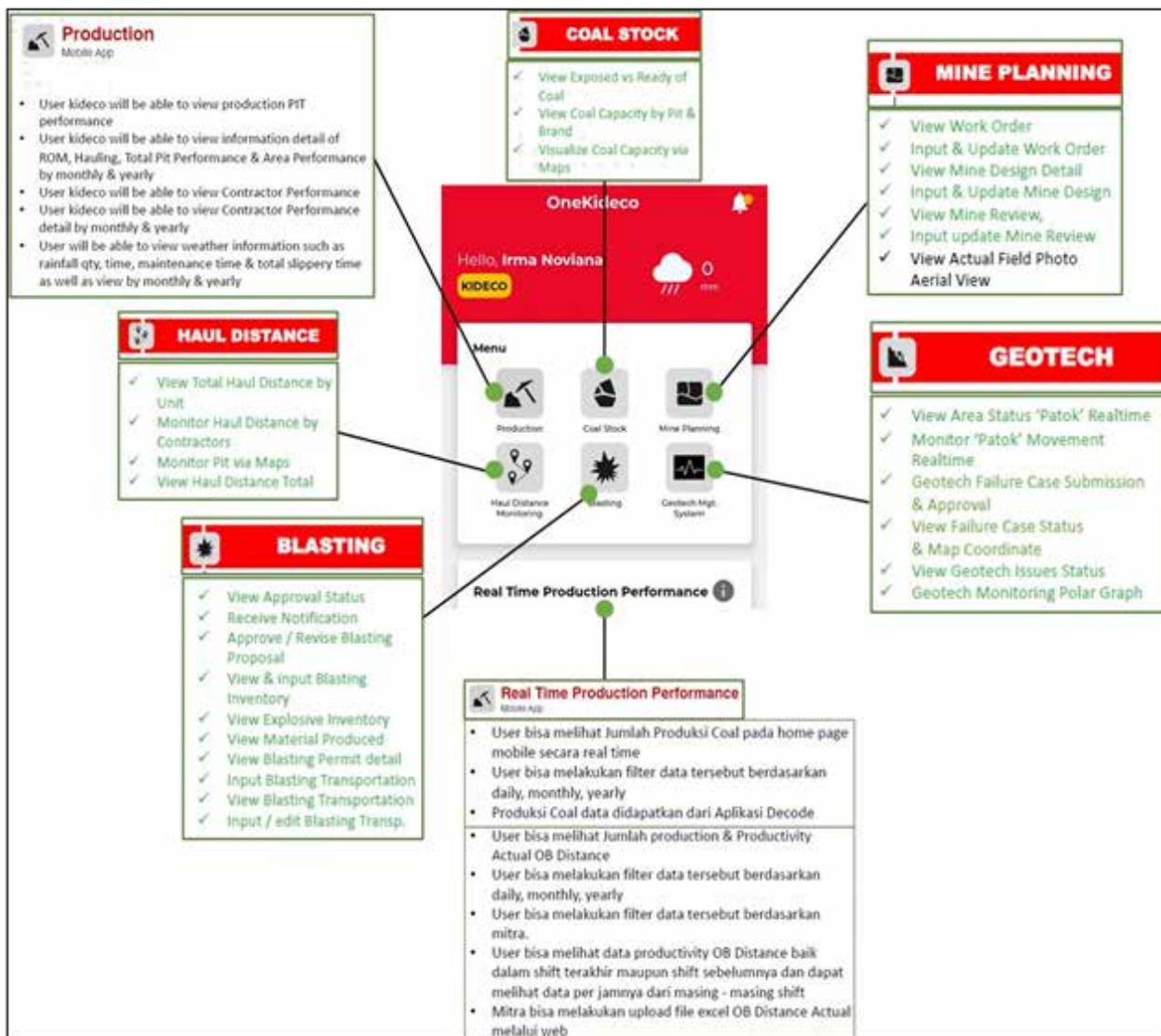


Digitizing KIDECO's Operations

To enhance the supervision and operational aspect performance in KIDECO's mining sites, a digitization system was prepared to focus on the projected mining operations and acceleration in information dissemination, problem solving and decision making. The system can increase the level of safety and allows good mining implementation

can be accessed easily by all employees through mobile phones.

Innovations which materialized include creating mining operational business process using digital technology and data in the form of an application to analyze geotechnical data, mine planning, blasting and production.



Economic Value Generated and Distributed

The majority of KIDECO revenue in the reporting report originated from coal product sales. The company did not gain any revenue from the government assistance nor tax incentives. The total revenue in 2021 reached USD2,196.8 million. In general, mining operations will be impacted by

extreme weather changes, mainly if the rainfall goes above average for a long time. In 2021, disturbances in the climate and weather changes have not caused any significant financial implications and we have not recorded any loss from this impact. [201-1, 201-2, 201-4]

Realization of KIDECO Revenue

Description	Unit	2021	2020	2019
Total Export Sale		1,591.5	791.65	1,062.05
Domestic Sale	Million USD	605.3	457.82	512.12
Total		2,196.8	1,249.47	1,574.17
Areas of Operation				
Tax		3,389.1	1,699.8	3,032.0
PNBP	Billion Rp	4,074.1	2,300.9	3,244.3
Total		7,463.2	4,000.8	6,276.3

Sustaining Customers' Satisfaction

The company makes efforts in continuously sustaining customers' satisfaction by optimizing the products generated. A customer satisfaction survey is conducted periodically using assessment indicators which include

strategic relations, future growth, volume contribution, profitability, duration of business, loyalty, and business flexibility. The 2021 Customer Satisfaction Index was 99.53%, which decreased compared to 2020.

Customer Satisfaction Index

2021	2020	2019
99.53%	99.74%	99.48%

A mechanism called Coal Quality Feedback System is available for customers and it is managed by Quality Control Team. This mechanism aims to ensure and maintain

the quality of coal products per specifications determined by the customers. Throughout the reporting period, there were 18 feedback and each of these has been followed up.

Implementation of Coal Product Quality Feedback System in KIDECO in 2021

Feedback submitted	Number	Form of Follow-Up
Disparity in Analysis results	8	Intensified field supervision, FIFO management improvement on coal in loading docks. There were 2 incidents of the 8 reports which were charged with fine.
Issues of ash, oversize, and foreign materials	5	Fresh coal shipping, maximizing chemical ratio for the mixture of coal washing materials during loading in the dry season as well as improvements in crushing process
Self combustion	5	Shipping fresh coal, FIFO coal management improvement in loading docks.
Total	18	

Information Disclosure on Remuneration

KIDECO complies with applicable regulations and provisions of Indika Energy as the parent company in performing remuneration policy. Indika Energy as the controlling shareholder plays an important role in determining the remuneration policy for the Board of Commissioners, Board of Directors, corporate officials, and KIDECO's employees as a whole. This report has not disclosed the amount of remuneration and the percentage of total annual remuneration increment for KIDECO's employees. [102-35]

[102-36] [102-37] [102-38] [102-39]

Stakeholders Approach and Engagement [102-40, 102-42, 102-43, 102-44]

KIDECO always involves stakeholders and maintain communication in every activity. Identification of stakeholders is based on:

- Stakeholders' closeness to the impacts of KIDECO's operations;
- KIDECO's direct and indirect impacts to stakeholders;
- Stakeholders' relations and influences in economic, legal, and other factors;
- Urgency level KIDECO has against the occurring issue.

Stakeholders Approach

Key Topic and Stakeholders' Needs	KIDECO Response	Method of Engagement, Implementation, and Frequency
Shareholder		
<ul style="list-style-type: none"> • Production and business growth. • Good corporate governance (GCG) adjustments. • Good relationship with local communities. 	<ul style="list-style-type: none"> • Boost in coal production volume and sales. • Efficiency in production and operation. • Adjustments of organizational structure and other governance. • Performing Community Development and Empowerment Program (PPM). 	<ul style="list-style-type: none"> • Submission of periodical performance report, published as per needs. • Annual General Meeting of Shareholders (AGMS) once a year. The 2021 AGMS was held on 24 March 2021. • Adjustments of governance structure per regulations. • Assistance in empowerment, which was conducted as per needs.
Customer		
<ul style="list-style-type: none"> • Guaranteed quality, supply, and price of coal as per contract 	<ul style="list-style-type: none"> • Implementation of Quality Management System (ISO 9001). 	<ul style="list-style-type: none"> • Communication and meetings with customers at least once a year • Customer satisfaction survey. The 2020 Customer Satisfaction Index was 99.53%.
Government		
<ul style="list-style-type: none"> • Legal compliance • Good environmental performance, including the aspects of energy, water, emission, biodiversity, effluent and waste • Good implementation of governance and OHS in the company • Business growth • Good relationship with positive impacts to the community 	<ul style="list-style-type: none"> • Fulfilling obligations as per Coal Mining Concession Work Agreement (PKP2B), including the Post-Mining Plan (RPT). • Environmental and mining safety management as per practice regulations • Corporate social responsibility (CSR) activities 	<ul style="list-style-type: none"> • Tax payment and other liabilities in accordance with PKP2B, including reclamation guarantee. • Standards certification of environmental management and mining safety as well as periodical audit as per needs. • Periodical performance reporting to the Government, which is conducted as per needs. • Participation in PROPER assessment, which is accomplished once a year. KIDECO managed to obtain Gold PROPER of Province – Governor of East Kalimantan Province • Community Development and Empowerment Program
Employee		
<ul style="list-style-type: none"> • Safety and healthy work environment. • Improvement in welfare and benefits. • Competence and career development • Having good policies and environmental management 	<ul style="list-style-type: none"> • Implementation of Occupational Health and Safety Management System (OHSAS 18001 and SMK3 PP No. 50 of 2012) as well as Mining Safety Management System (SMKP). • Stipulation of remuneration and normative rights compliance • Education and training for employees • Implementation of environmental management system • Employees competence development in running good environmental management system 	<ul style="list-style-type: none"> • Daily safety induction and OHS socialization • Enforcement of company regulations as a substitute to CLA. • KPI training and assessment once a year • Placing employees as an initiator and person-in-charge for the environmental management system

Key Topic and Stakeholders' Needs	KIDECO Response	Method of Engagement, Implementation, and Frequency
Local Community		
<ul style="list-style-type: none"> Welfare development Prevention of environmental damages/contamination 	<ul style="list-style-type: none"> CSR activity in the form of community development and empowerment (PPM), improvements in education quality, health services, and infrastructure Standardizations in environmental management and mining safety 	<ul style="list-style-type: none"> Periodical dialogue at a minimum of once a week or as per needs Organize stakeholder forum at least once a month
Suppliers and Partners		
<ul style="list-style-type: none"> Shared growth through supply chain Good policies and environmental management system. 	<ul style="list-style-type: none"> Transparency in the process and procedures of operational work contract Giving technical and operational support to suppliers and business partners Implementing environmental management and mining safety system. 	<ul style="list-style-type: none"> Quarterly meeting with suppliers and business companies or as per needs if necessary

Supports for Anti-Corruption

KIDECO is committed and supports anti-corruption actions across all internal scope and those that related to stakeholders. We have obtained the ISO 37001:2016 Anti-Bribery Management System (ABMS) in 2020. The certification becomes a reference for us in supporting the management and in making decisions.

The management has decided on several actions that are allowed and prohibited by both the management and stakeholders based on the implementation of ABMS, among which are:

- Not tolerating all forms of bribes
- The management released an anti-bribery policy in November 2020
- All employees were asked to sign an integrity charter containing an employee's agreement to comply with all prevalent regulations in the company, including Corporate Values and Governance, Business Code

of Conducts, Anti-Bribery Management System, and Articles of Association

- All Business Partners and Vendors were also asked to sign an Integrity Charter in which they were required to participate supporting the Anti-Bribery policy performed by the company.

The implementation of ABMS is strengthened with socialization to all stakeholders and trainings for relevant departments. The socializations are actualized by adjusting to the current condition in the pandemic era. In 2021, the socialization on policies and procedures of anti-corruption were held in front of all Board of Directors, Manager and Assistant Manager Team of each department. Moreover, all business partners, both contractors and subcontractors have been exposed to the socialization on policies and procedures of anti-corruption through relevant Departments. [205-2]

Anti-corruption trainings have been given to 100% members of governance body.



Anti-Bribery Management System Certification

Whistleblowing System

KIDECO has a whistleblowing system (WBS) that can be accessed by all employees and stakeholders. It serves to accommodate employees' report on various breaches, inappropriate behavior or alleged mistakes performed by employees. Rules and mechanism on reporting unethical or unlawful behavior as well as actions that conflict the organization integrity can be viewed in whistleblower system which can be accessed via <https://wbs.kideco.app/>, or directly contact members of FKAP or BEI [102-17, 102-33]

The WBS is handled by Anti-Bribery Compliance Function (FKAP) with help from Business Ethic Integrity (BEI). Members of the FKAP consist of directors, such as Chief Corporate Services Officer (CCSO), Chief Finance Procurement Officer (CFPO), and Chief Legal Services Officer (CLSO), while members of BEI originate from Legal, Internal Audit, and HRD. All whistleblowers' identity will remain in confidential. As of the end of 2021, no complaints were submitted through WBS.

Internal and external mechanisms are conducted by:

- Understanding departments' each Bribery Risk Register;
- Acknowledging the risk level of each department, such as low, medium, or high risks;

- Via WBS on KIDECO website <https://wbs.kideco.app/>
- Conforming with ABMS/WBS Policy/Gift & Entertainment regulations
- Reporting/discussing the issues with members of FKAP/BEI

Code of Conduct and Committee Charter

The company exercises code of conducts which functions as a guideline in controlling various issues deemed as the responsibility of the company and related parties. Behaviors and actions displayed should reflect the GCG principles by upholding applicable values and ethics.

Models of support in the GCG implementation are proven with a Charter for Committee. This charter states duties, responsibilities, and authorities of Committees so that conflict of interests can be managed. [102-25]

Below are processes taken by the highest governance body to ensure conflicts of interest can be avoided and managed:














- BEI will perform investigation;
- BEI reports to FKAP team;
- FKAP will create summaries and explain the actions taken to follow up the investigation results

KIDECO Supports Sustainable Development Goals




KIDECO is always committed to supporting the Sustainable Development Goals (SDGs). In 2021, KIDECO performed activities which aligned with the 14 goals of the 17 SDGs. In its implementation, KIDECO involved various parties, such as government, social institutions, private sector,


academics, and others. All these parties were expected to strive to achieve the sustainable goals according to each role so that the benefits of sustainable development can be relished by current and future generation.

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
1	Green Edu Eco Agritourism (IFS)	2 Cooperative Groups were established; 15 Pokdarwis Members and 6.5 Ha area of land	2 Cooperative Groups 20 Pokdarwis Members 6.5 Ha area of land	IFS Rejuvenation	 
2	Micro business empowerment of impoverished household based on Women Farmers' Group of Rangan Tani	Achieved Marketing expansion through internet marketing	13 units of groups 60 types of products 1 group of cooperative	<ul style="list-style-type: none"> Granted laptop and printer Reinforced operating capital 	   
3	Independence of Farmers' Group of Harapan Mandiri and Rindang Jaya based on cooperatives	Achieved Improvements in plantation and horticulture sectors' production	6.5 Ha land area 80 cows 135 goats 233 Ha of oil palm 46 Ha of rubber 250 kg/month of oyster mushrooms 3 tons/week of compost fertilizer	IFS Rejuvenation	   
4	Independent and Aware Movement, Fostered Female Inmates of Tanah Grogot Penitentiary Institution Class IIB	<ul style="list-style-type: none"> Bread production increase Marketing expansion to outside the Penitentiary Institution 	28 fostered residents 6 million/month turnover	Granting bread production equipment	  
5	Clean water facilities	7 Fostered Villages were established	9 Fostered Villages	<ul style="list-style-type: none"> Cooperated with government and public figures Monitoring & evaluation 	

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
6	Healthy Starts from Ourselves and Environmental Efforts (Sedari Dulu)	Achieved <ul style="list-style-type: none"> Increased number of fostered Posyandu to 8 posyandu Trainings for Posyandu cadres in 3 districts Training for 100 healthcare workers 	1 unit of health mobile 60 cadres of posyandu 7 posyandu in 7 villages	<ul style="list-style-type: none"> Cooperated with the Health Office of Paser Regency, Puskesmas, health organization, and posyandu cadres Provided counseling on health and health activities Provided 1 unit of health mobile 	
7	Socialization of HIV, AIDS, and Drugs prevention campaign	Achieved Socialization for students in 3 districts	400 participants 6 SMA-equivalent schools 4 districts	Cooperated with schools, puskesmas, and Provincial BNN	 
8	Capacity building & services quality for healthcare workers	300 people in 5 regions	300 people 5 regions	Cooperated with Health Office	  
9	Vaccination acceleration for the community	10,000 people/dosage	1,000 people/dosage	Cooperated with the government in district level, villages, and puskesmas	 
10	School Development Program of "Independent in Learning"	Training for 1,000 teachers in 10 districts	1,000 teachers 10 districts	Cooperated with Education Office, and Teachers' Forum (Teachers' Work Group, School Principals' Work Group, Deliberation Group for Teachers on Subject, Deliberation Forum on Work for School Principals, Kindergartens/PAUD's Teachers Association)	 
11	World Lung School "SEPADU" based on Green School	3 model schools and 13 impact schools	4 model schools, 19 impact schools	Collaborated with Education Office and Environmental Office	
12	KIDECO's Bina Bersama Foundation to increase the educational capacity of the communities living around the mining sites	700 beneficiaries	800 beneficiaries	Collaborated with the District government, Villages, and Schools	 

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
13	Mobile Library, Expanding Literacy to Paser Regency	Achieved In 2021, due to the COVID-19 pandemic, schools were held online. The mobile library units were unavailable for operation.	13,000 reading books' collection 3 units of mobile library 3 units of visual media	<ul style="list-style-type: none"> Owned 13,000 reading books' collection 3 units of Mobile Library 3 units of visual media 	 
14	Scholarship for high-achieving students "KIDECO Gemilang"	30 S1 scholarship beneficiaries & 5 S2 scholarship beneficiaries	30 S1 scholarship beneficiaries & 5 S2 scholarship beneficiaries	<ul style="list-style-type: none"> Monitoring and evaluation Cooperated with the government of Paser Regency, universities, and Bank Kaltimara 	
15	Community Internship	To be determined	30 students	<ul style="list-style-type: none"> Monitoring and Evaluation Cooperated with Contractor Partners, Manpower Office of Paser Regency, Ministry of Manpower of the Republic of Indonesia 	
16	Clean Water Program for the Company's Fostered Villages in Paser Regency	Achieved 7 Fostered Villages were established	8 Fostered Villages	<ul style="list-style-type: none"> Monitoring and evaluation Led by Bumdes Cooperated with PDAM 	
17	Water efficiency program	673,171.06 m ³	532,996.35 m ³	<ul style="list-style-type: none"> Saved water use for watering activity by paving the roads with asphalt Reused water bay Constructed biopores Implemented orifice for ablution in Samurangau Mosque Installed showers to replace dippers for shower in housing complex Installed sensor-based automatic nozzle on washing units facilities Installed big gun sprinklers with nozzle system for watering ash in coal stockpile Used fog cannon to save water in coal stockpile areas Provided drinking water refilling station using reverse osmosis method 	

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
18	Reduction of water pollution load	681.84 tons of TSS	487.92 tons of TSS	<ol style="list-style-type: none"> 1. Substituted aluminium sulfate with megafloc 2. Reused washing bay water to reduce the amount of total suspended solid (TSS) parameter 3. Processed wastewater by using rollfloc as a substitute for aluminum sulfate to reduce the TSS pollution load 4. Domestic wastewater treatment in domestic wastewater treatment installation facilities with "filsa", filtering bags, to reduce the TSS parameter load 5. Constructed a control box from sump pit pumping activities to reduce the TSS parameter load 	
		4.56 tons of BOD	5.34 tons of BOD	Reduced pollution load for BOD parameter generated from domestic wastewater by providing communal sanitation	
		0.85 tons of oil and grease	0.38 tons of oil and grease	Created soaps out of raw materials of used cooking oil to reduce the oil and grease parameter load	

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
19	Energy Efficiency Program	253,912.64 GJ	63,205.00 GJ	<ul style="list-style-type: none"> • Used solar cells on KIDECO facilities • Used solar cells on public facilities • Utilized used lubricant oil as a substitute to diesel fuel in blasting activities • Replaced tower lamps with lighting system in excavation activities • Used bottom plug stick in blasting activities • Replaced mud handling system by installing pumps on excavators • Installed sound reduction on HD units to save fuel during the dumping process • Being independent by managing reverse osmosis-based drinking water refilling station • Managed biodigester from manure in integrated farming system • Performed efficiency energy program by installing feco (auto economod) 	

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
20	3R Program for B3 Waste	769.56 tons	496.81 tons	<ul style="list-style-type: none"> Utilized used lubricating oil in blasting activities Differential, hydraulic, & transmission oil flushing Replaced mud handling system Replaced tank packaging for lubricating oil packagings Reduced used lubricating oil waste by installing LED lights on heavy equipments assigned for excavation activities Reduced used lubricating oil waste by installing power inverter on drilling tools in exploration activities 	
21	3R Program for non-B3 solid waste	1,572,454.10 Kg	2,191,150.00 Kg	<ul style="list-style-type: none"> Utilized used tyres for road markings and erosion control facilities (drop structure) Composting activities Utilized used tyres for public assistance Use of emails Utilized belt conveyor waste for track units in maintaining heavy equipments Provided refilled drinking water with gallons as its packaging Beat Plastic Pollution Program to reduce plastic bottles waste Retreading HD tyres program to reduce used tyres waste Used go-arc application for mine permit 	

No.	Name of Activity	2021 Target Achievement	2022 Target	Achievement Strategy	Support for Sustainable Development Goals (SDGs)
22	Emission reduction program	135,135.19 Tons Eq CO2	94,685.00 Tons Eq CO2	<ul style="list-style-type: none"> Used energy from excavators as energy source that replaced tower lamp system in lighting system during excavation activities Revegetation on overburden areas Installed sound reduction in HD units to save fuel use in dumping process Used solar cells Replaced mud handling system by installing pumps on excavators Used non-halon fire extinguishers Biodigester in IFS areas Revegetation in IFS Used solar cells for public cause Being independent by performing business of refilled drinking water using reverse osmosis technology Used water gun as a replacement to water truck for watering activities in coal stockpile road access 	
23	Biodiversity Protection	47 mammals 134 avifauna 33 herpetofauna 424 insects	47 mammals 134 avifauna 33 herpetofauna 424 insects	<ul style="list-style-type: none"> KIDECO Care Program “Wildlife Corridor” 	
		4,609.37 Ha	5,151.97 Ha	<ul style="list-style-type: none"> Reforestation through Community Empowerment 	
		117 Standing Vegetation 96 Herbs & Lianas 23 Mammals 65 Avifauna 18 Herpetofauna 180 Insects	117 Standing Vegetation 96 Herbs & Lianas 23 Mammals 65 Avifauna 18 Herpetofauna 180 Insects	<ul style="list-style-type: none"> Multifunctional Conservation Zone (KKMF) – Arboretum Tandarayan 	
		6 Colonies of Proboscis Monkeys	6 Colonies of Proboscis Monkeys	<ul style="list-style-type: none"> Wildlife Pockets for Proboscis Monkeys 	



Independent Assurance Statement

The 2021 Sustainability Report of PT Kideco Jaya Agung

Number : 10/000-174/III/2022/SR-Asia/Indonesia

Assurance Type : Type 1 assurance
 Assurance Level : Moderate
 Reporting Standards : GRI Standard 2020 Consolidated

Dear stakeholders,

PT Kideco Jaya Agung (“the Company” or “the Reporting Organization”) has assigned **Social Responsibility Asia** (“SR Asia”) to assure its **2021 Sustainability Report** (“the Report”) for the reporting period of **January 1st to December 31st, 2021**, and come up with an **Independent Assurance Statement** (“the Statement”). The Reporting Organization manages its coal mining activities in Kalimantan, Indonesia. This Statement presents the results of assurance work performed by SR Asia following the specific methods and approaches as agreed by the “Management¹”.

Intended User and Purpose

The Statement serves as a communication channel to the stakeholders regarding the Company’s sustainability commitment, practices, and performance during the reporting period. The Statement was prepared and issued as a result of assurance work based on the scope and procedures with some limitations applied. SR Asia advises anyone NOT to use this Statement or the Report as the basis for interpreting the overall performance or sustainability of the Company, except for the areas covered in the scope of assurance work.

Responsibilities

Responsibilities of both SR Asia and the Management in the assurance work are described in the Non-Disclosure Agreement and the Engagement Agreement documents. The Report content includes the presentation of data, figures, and information is the sole responsibility of the Management, while SR Asia is responsible to provide an assurance service, NOT an audit, on the Report. SR Asia is also responsible to come up with conclusions and recommendations including the Statement derived from the results of assurance work based on the agreed standards and methodology. SR Asia has NO responsibility to disclose the results of assurance work for any other purpose or to any other person or organization, except to the Management. Any dependence placed by a third party on the Statement or the Report is entirely at its own risk.

Independence, Impartiality, and Competency

SR Asia has particular mechanisms and procedures to ensure or assurance work is taken professionally. We confirm there are NO relationships between the assurance experts and the clients that can influence their independence and impartiality to conduct the assessment and generate the Statements. The experts must follow the assurance protocol and the ethical code of conduct to ensure their objectivity and integrity during the assurance work. We also carried out a pre-engagement assessment to verify the risks of engagement as well as the independence and impartiality of experts in conducting the assurance work. The Assurance Team members are the experts with experience in writing and assessing sustainability reports and integrated reports based on various reporting

¹ “Management” refers to the management of the company



standards and principles, including POJK 51, GRI Standards, SUSBA, and SASB. They are also familiar with AA1000 AccountAbility standards and principles and ISO 26000 projects.

Type and Level of Assurance Service

1. **Type 1 assurance** on the Report content
2. A **moderate level of assurance** procedure on the Report content and evidence, where **the risks of information and conclusions of the Report being error is reduced, but not to very low, but not zero.**

Scope and Limitation of Assurance Service

1. Data and information in the Report for the period of **January 1st to December 31st, 2021.**
2. Sustainability-specific data and information related to the eight material aspects that have been identified by the Reporting Organization: **occupational health and safety; good corporate governance; biodiversity; energy; water and effluent; waste; emission; and local community involvement.**
3. Adherence to the following reporting principles, standards, and regulations:
 - a) Consolidated set of the Sustainability Reporting Standards (GRI Standards) issued by the Global Reporting Initiative.
4. Evaluation of publicly disclosed information, system, and process of the Company to ensure adherence of the Report content to the reporting principles.
5. SR Asia **EXCLUDES** financial data, information, and figures in the Report content in the scope of assurance work. It is assumed that the Company, or independent parties, or other parties associated with the Company, have verified and/or audited any data and information related to financial statements.

Exclusion

1. Topics, data, and information outside the reporting period, or in the public domain not covered in the reporting period, other than those mentioned under the defining materiality section and discussion on defining Report content.
2. Stakeholders' engagement that might be taken by the Company in developing the Report.
3. Financial data and information other than those specified in the Report content.
4. Any presumptions or forward-looking statements, including plans, expectations, opinions, beliefs, and advertisements declared in the Report content.
5. Assessment toward regulations, indicators, standards, guidelines, and principles other than those indicated in the Statement.

Methodology

1. SR Asia assigned a number of experts to engage as the Assurance Team members in Indonesia.
2. The Assurance Team conducted the pre-engagement protocol to identify the risks of engagement and potential factors that can negatively influence the independence and impartiality of the Assurance Team.
3. In a kick-off meeting, the Assurance Team provided a briefing to the Company about the approach and methodology, scope of analysis, time plan, and various essential aspects of sustainability that will be assessed during the assurance work.
4. The Assurance Team conducted a preliminary analysis of the Report draft.
5. Through online meetings, the Assurance Team shared the results of the initial analysis with the Management and verified the disclosures in the Report content toward the regulation, standards, principles, and indicators of AA1000AS v3, AA1000AP (2018), and GRI Standards.
6. The Assurance Team verified evidence to trace data, information as covered in the Report.



7. The Statement was prepared by the Assurance Team and reviewed as well as approved by the SR Asia Director before submitting it to the Company.
8. The Assurance Team prepared a Management Letter detailing all aspects seen, recorded, and observed during the assurance work to the Management of the Company for further improvement of sustainability processes.

Adherence to AA1000AP (2018) and GRI Standards

Inclusivity – As assurance work is taken, we believe that the presentation of key stakeholders and stakeholder engagement is inclusive. Various units and functions of the Company managed its stakeholder engagement practices with different methods and approaches. The Report indicates the Company's commitment to be accountable for the impacts from its decisions and business operations.

Materiality – The eight material topics presented and discussed in the Report can describe the sustainability context of the Reporting Organization. The Company also allocated sufficient competencies and resources in managing the topics. However, there was a lack of evidence that the Company conducted a materiality testing with particular criteria and thresholds in defining the material topics of the Report.

Responsiveness – In general, the Report describes the Company's sufficient responses to address the stakeholder concerns. The Company has applied various mechanisms, methods, and approaches, such as a survey and whistleblowing system as a grievance mechanism. Nevertheless, the Company has not yet measured the relationship between the maturity of issues and concerns with the appropriateness of responses.

Impact – In the Report, the Company adequately presents the Impacts of its decisions and activities on the economy, social, and environment. The impacts were well presented in quantitative data and qualitative information. Overall, the Company has implemented different procedures and approaches performed by various units and functions in managing the impacts.

In "Accordance" with Core Option – Our assurance team has concluded that the Report content indicates its adherence to the Core Option of GRI Standards. Disclosure of Management Approach (DMA) and at least one disclosure of each material topic are moderately presented in the Report content. The Company also adequately submitted evidence documents as required during the assurance work.

GRI Standards Principles – In general, the principles for defining report content (Stakeholder Inclusiveness, Sustainability Context, Materiality, Completeness) and the principles for defining report quality (Comparability, Balance, Reliability, Clarity, Timeliness, Accuracy) were applied in the Report content.

Recommendation

1. To carry out and document a materiality test following globally accepted standards and practices with particular criteria and thresholds as the basis and evidence for identifying material topics in the next sustainability report.
2. To build a digitalized information management system integrated across functions, covering sustainability performance data and information following the sustainability reporting standards, approaches, and methodologies.



The assurance provider,

Jakarta, 14th of March 2022




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GRI Standard Content Index [\[102-55\]](#)

GRI Standard	Disclosures	Page	
GRI 101: General Disclosures 2020			
GENERAL DISCLOSURES			
Organization profile	102-1	Name of the organization	14
	102-2	Activities, brands, products, & services	13, 14
	102-3	102-3 Location of headquarters	14
	102-4	Location of operations	14
	102-5	Ownership and legal form	14
	102-6	Markets served	14
	102-7	Scale of the organization	16
	102-8	Information on employees	18, 19
	102-9	Supply chain	20
	102-10	Significant changes	12-13
	102-11	Precautionary Principle or approach	88
	102-12	External initiatives	16
	102-13	Membership of associations	17
Strategy	102-14	Statement from senior decision-maker	10-11
	102-15	Key impacts, risks and opportunities	10-11
Ethics and integrity	102-16	Values, principles, standards, and norms of behavior	12-13
	102-17	Mechanisms for advice and concerns about ethics	100
Governance	102-18	Governance structure	68, 87
	102-19	Delegating authority	69, 88
	102-20	Executive-level responsibility for economic, environmental, and social topics	25, 69, 88
	102-21	Consulting stakeholders on economic, environmental, and social topics	88
	102-22	Composition of the highest governance body and its committees	87
	102-23	Chair of the highest governance body	87
	102-24	Nominating and selecting the highest governance body	87
	102-25	Conflicts of interest	87, 100

	GRI Standard	Disclosures	Page
Governance	102-26	Role of highest governance body in setting purpose, values, and strategy	12, 87
	102-27	Collective knowledge of highest governance body	88
	102-28	Evaluating the highest governance body's performance	88
	102-29	Identifying and managing economic, environmental, and social impacts	88
	102-30	Effectiveness of risk management processes	89
	102-31	Review of economic, environmental, and social topics	88
	102-32	Highest governance body's role in sustainability reporting	22
	102-33	Communicating critical concerns	89, 100
	102-34	Nature and total number of critical concerns	89
	102-35	Remuneration policies	97
	102-36	Process for determining remuneration	97
	102-37	Stakeholders' involvement remuneration	97
	102-38	Annual total compensation ratio	97
	102-39	Percentage increase in annual total compensation ratio	97
	Stakeholder engagement	102-40	List of stakeholder groups
102-41		Collective bargaining agreements	18, 20
102-42		Identifying and selecting stakeholders	97
102-43		Approach to stakeholder engagement	97
102-44		102-44 Key topics and concerns	97
Reporting practice	102-45	Entities included in the consolidated financial statements	22
	102-46	Defining report content and topic boundaries	22
	102-47	List of material topics	23
	102-48	Restatements of information	6, 19, 22, 28, 35, 45, 61
	102-49	Changes in reporting	22
	102-50	Reporting period	22
	102-51	Date of most recent report	22
	102-52	Reporting cycle	22
	102-53	Contact	23
	102-54	In accordance with the GRI standards	22
	102-55	GRI content index	22, 112-116
102-56	External assurance	23, 108-111	

GRI Standard	Disclosures	Page
Material Topic: Good Corporate Governance		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	90
	103-2 The management approach and its components	90
	103-3 Evaluation of the management approach	90
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	96
	201-2 Financial implications due to climate change	96
	201-4 Financial assistance received from government	96
GRI 205: Anti-corruption 2016	205-2 Communication and training about anti-corruption policies and procedures	99
Material Topic: Local Community		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	52
	103-2 The management approach and its components	52
	103-3 Evaluation of the management approach	52
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	83
	203-2 Significant indirect economic impact	70
GRI 413 : Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	69
	413-2 Operations with significant actual and potential negative impacts on local communities	69
Material Topic: Energy		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	25
	103-2 The management approach and its components	25
	103-3 Evaluation of the management approach	25
GRI 302: Energy 2020	302-1 Energy consumption within the organization	32
	302-2 Energy consumption outside of the organization	32
	302-3 Energy intensity	32
	302-4 Reduction of energy consumption	33
Material Topic: Water and effluent		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	25
	103-2 The management approach and its components	25
	103-3 Evaluation of the management approach	25
GRI 305: Water and Effluent 2018	303-1 Interactions with water as a shared resource	47
	303-2 Management of water discharge-related impacts	47
	303-3 Water withdrawal	47
	303-4 Water discharge	48, 49, 50
	303-5 Water consumption	47
Material Topic: Biodiversity		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	25
	103-2 The management approach and its components	25
	103-3 Evaluation of the management approach	25

GRI Standard	Disclosures	Page
GRI 304: Biodiversity 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	30
	304-2 Significant impacts of activities, products and services on biodiversity	29
	304-3 Habitats protected or restored	28, 31
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	30
Material Topic: Emission		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	25
	103-2 The management approach and its components	25
	103-3 Evaluation of the management approach	25
GRI 305: Emission 2016	305-1 Direct (Scope 1) GHG emissions	35
	305-2 Energy indirect (Scope 2) GHG emissions	35
	305-4 GHG emission intensity	35
	305-5 Reduction of GHG emissions	37, 38, 39
	305-7 Nitrogen Oksida (NOx), sulfur oksida (SOx), dan emisi udara signifikan lainnya	40
Material Topic: Waste		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	25
	103-2 The management approach and its components	25
	103-3 Evaluation of the management approach	25
GRI 306: waste 2020	306-2 Management of significant waste-related impacts	42
	306-3 Waste generated	43
	306-4 Pengangkutan limbah berbahaya	44
Material Topic: Occupational Health and Safety		
GRI 103: Management Approach 2016	103-1 Explanation of the material topics	52
	103-2 The management approach and its components	52
	103-3 Evaluation of the management approach	52
GRI 403: Occupational health and safety 2018	403-1 Occupational health and safety management system	53, 63
	403-2 Hazard identification, risk assessment, and incident investigation	64
	403-3 Occupational health services	60
	403-4 Worker participation, consultation, and communication on occupational health and safety	53
	403-5 Worker training on occupational health and safety	60, 62, 64
	403-6 Promotion of worker health	60, 61
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	60
	403-8 Workers covered by an occupational health and safety management system	53
	403-9 Work-related injuries	59, 60

GRI Standard	Disclosures	Page
Topik Non-Mat Non-Materials Topic erial		
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	65
GRI 204: Praktik Pengadaan 2016	204-1 Proporsi pengeluaran untuk pemasok lokal	21
GRI 301: Materials 2016	301-1 Materials used by weight or volume	92
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	18, 19
GRI 404: Training and education 2016	404-1 Average hours of training per year per employee	67
GRI 405: Diversity and equal opportunity 2016	405-2 Ratio of basic salary and remuneration of women to men	65
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	20
GRI 408: Child labor 2016	408-1 Operations and suppliers at significant risk for incidents of child labor	64, 65
GRI 409: Forced or compulsory labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	64, 65
GRI 412: Human rights assessment 2016	412-3 significant investment agreements and contracts that include clauses like human rights or that have gone through human rights screening.	64

Feedback Form

PT Kideco Jaya Agung 2021 Sustainability Report is a report that provides an overview of performance finance and sustainability. KIDECO expects input, criticism and suggestions from Mr/Mrs.

1. This report is easy to understand.

<input type="checkbox"/> Disagree	<input type="checkbox"/> Neutral	<input type="checkbox"/> Agree
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2. This report has described information on the material aspects of the Company, both from the positive and negative sides.

<input type="checkbox"/> Disagree	<input type="checkbox"/> Neutral	<input type="checkbox"/> Agree
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3. 3. What material aspect are most important to you (score 1=most important to 6=least important)
 - Occupational Health and Safety ()
 - Local Community ()
 - Governance ()
 - Economic Performance ()
 - Energy ()
 - Water ()
 - Waste & Effluent ()
 - Biodiversity ()
 - Emissions ()

Please provide your opinion and suggestions about this report

Your Profile

Full Name:

.....

Profession:

.....

Institution/Company:

.....

Stakeholder Group

- | | |
|---|---|
| <input type="checkbox"/> Government/Regulator | <input type="checkbox"/> Public |
| <input type="checkbox"/> Corporate | <input type="checkbox"/> Industry |
| <input type="checkbox"/> NGO | <input type="checkbox"/> Others, please mention:..... |

Please send this
feedback form to:

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