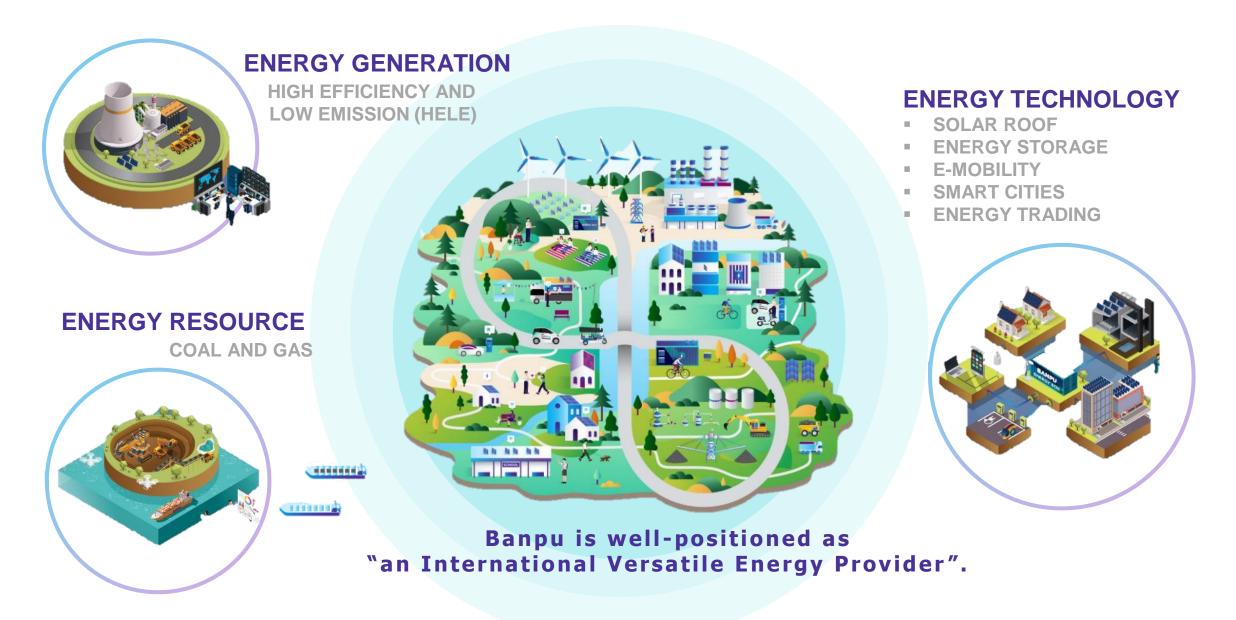






BANPU AT A GLANCE

BANPU: an international versatile energy provider



Map of Operations



Note: Information on the map is as of Dec 2020. There are additional investments in 2021 with details as follows:

UNITED STATES OF AMERICA

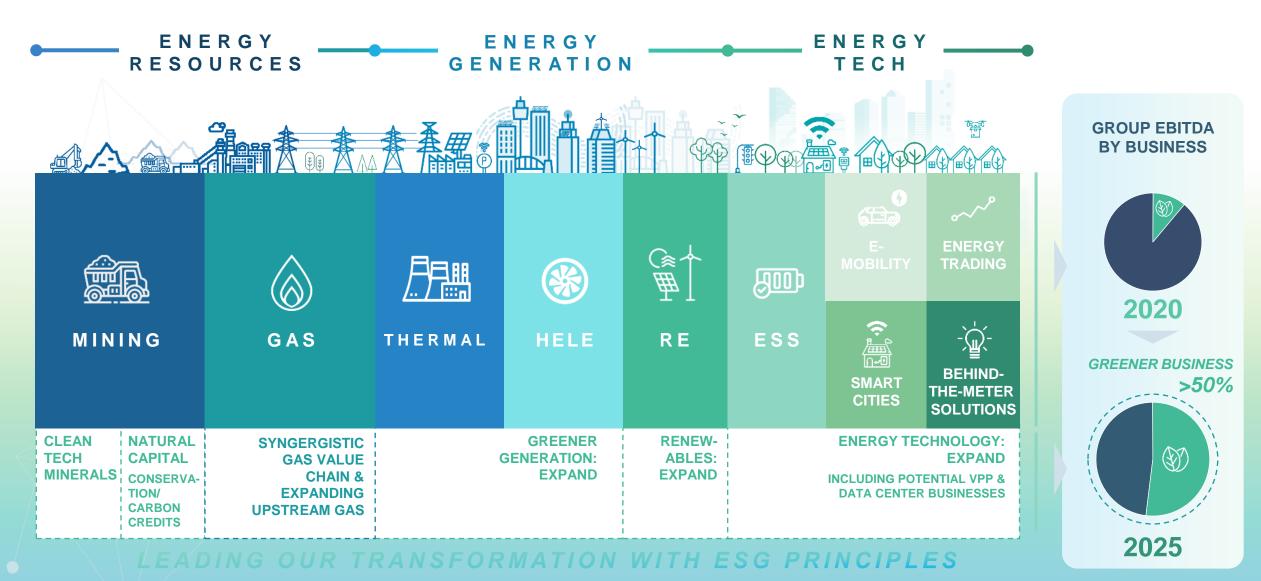
2 Shale Gas Operations

Â

- Invested in Nakoso, an Integrated Gasification Combined Cycle (IGCC) power plant in Japan with 73 MW equity capacity in March 2021
- Acquired two operating solar farms in Australia with 166.8 MW in June 2021
- Acquired Temple I, a 768 MW gas-fired power plant in the U.S. in August 2021

Banpu: Greener, Smarter 2025 portfolio targets





Sustainability Awards 2021 - BANPU

Banpu: investment focus 2021-25





MINING

Strategic Minerals entry Venture into mining of high growth, clean tech minerals, driven by growing energy technology trends. Core focus regions include Australia and Indonesia

Natural Capital Solutions Investment in reforestation/ deforestation prevention for carbon offsetting along with land and biodiversity improvement



Upstream Expansion

Consolidate core unconventional natural gas basins, prioritize synergistic acquisitions with sustainable cash flow, and leverage automation technology

Synergistic and greener value chain

Explore synergistic and sustainable opportunities that enhance returns



HELE power development

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Development of *Greener* power assets with higher efficiency and lower emissions

US Gas-fired power opportunities

Seek investment opportunities in CCGT power plants, with potential synergies



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Solar and Wind power opportunities

Continuous expansion of renewables portfolio in the Pacific Rim with key focus in Vietnam Australia, US, Japan, and China

ENERGY TECH



Energy storage systems production ramp-up

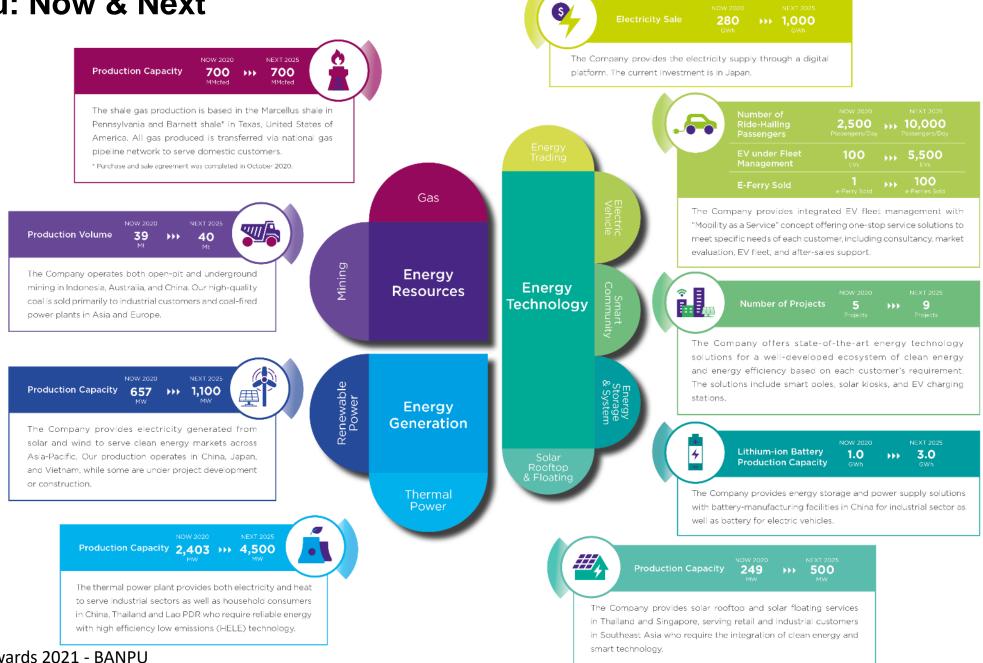
Capitalize on battery demand growth by expanding Li-ion production capacity

Banpu energy ecosystem expansion

Scale up e-mobility services, smart city solutions and energy trading businesses, while venturing into new high growth areas such as virtual power plants and data centers

LEADING OUR TRANSFORMATION WITH ESG PRINCIPLES

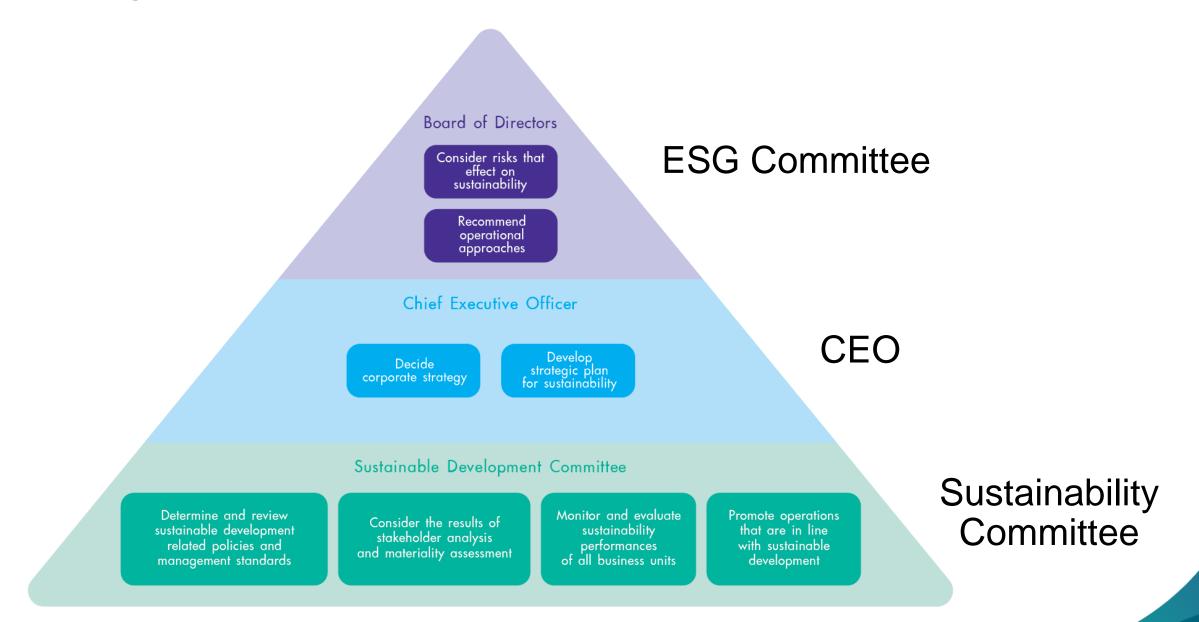
Banpu: Now & Next





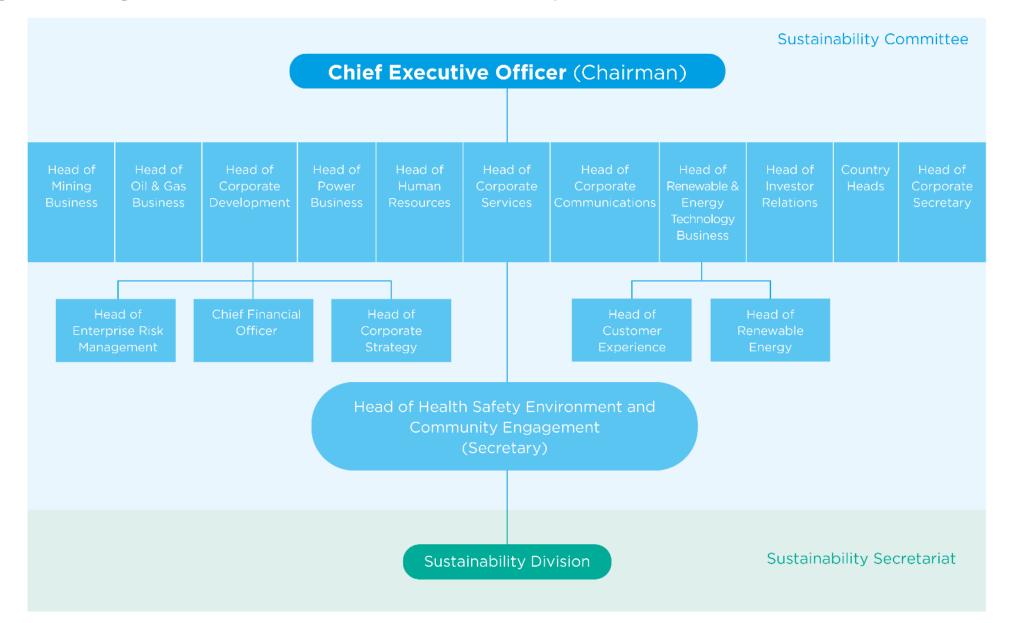
SUSTAINABILITY STRATEGY & FRAMEWORK

Board governance

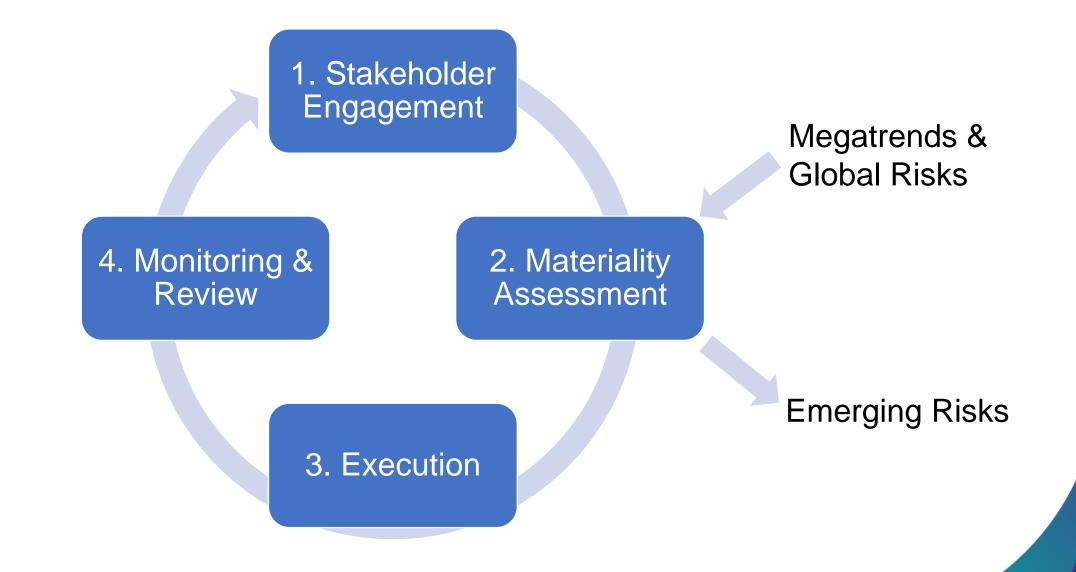


Sustainability Awards 2021 - BANPU

Management governance >>> Sustainability committee



Sustainability management framework



Stakeholder engagement

Community

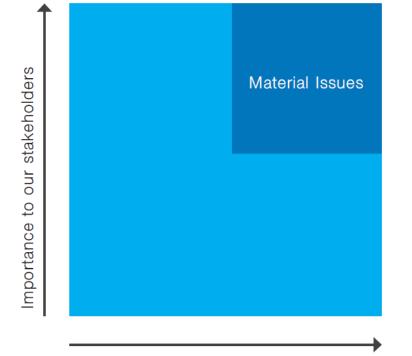


Employee



Stakeholder's issues >>> Material issues

Stakeholder	Engagement Method	Stakeholder's Issue
Employee	 Communication between human resources department and employee Employee involvement in committees Complaint channel "Banpu Heart" behavioral survey Employee engagement survey Town Hall Meeting 	• Direction of the Company
		 Business ethics and responsible business practices
		 Happiness in workplace Reasonable wages and benefits Career opportunities
		 Capability development
		 Safety in workplace
	 Community Consultative Committee (CCC) Stakeholder satisfaction survey Compliant channel Communication with community development officers Public information on the website 	 Social and environmental impact from the Company's activities
Community		 Safety in life and residence
		 Respect on human rights
		 Community well-being and economic distribution



Importance to Banpu

Materiality matrix (2020)

High



Verification by the 3rd Party



LR Independent Assurance Statement

Relating to Banpu Public Company Limited's Sustainability Report for the calendar 2019

This Assurance Statement has been prepared for Banpu Public Company Limited in accordance with our contract but is intended for the readers of this Report.

Terms of engagement

Lloyd's Register Quality Assurance Ltd. (LR) was commissioned by Banpu Public Company Limited (BANPU) to provide independent assurance on its Sustainability Report 2019 (the Report) against the assurance criteria below to a moderate level of assurance and at the materiality of the professional judgement of the verifier using Accountability's AA1000AS (2008) Type 2 approach'.

Our assurance engagement covered BANPU's operations and activities in Australia, China, Indonesia, Japan and Thailand (as Head Office) and specifically the following requirements:

- Evaluating the nature and extent of BANPU's adherence to all three AA1000 AccountAbility Principles inclusivity, materiality and responsiveness.
- · Confirming that the report is in accordance with:
 - GRI Standard and core option,

(only employee) and Thailand

- GRI Mining and Metals Sector Disclosures and
- GRI Electric Utilities Sector Disclosures
- Evaluating the reliability of data and information for the selected indicators listed below: Environmental: GRI 302-1 Energy Consumption, GRI 302-3 Energy Intensity, GRI 305-1 GHG Emissions Scope 1, GRI 305-2 GHG Emissions Scope 2 and GRI 305-4 GHG Emissions Intensity Social: GRI 403-9 (2018) Fatality, Fatality Rate, TRIFR, LTIFR, LTIFR, ISR and Major Incident Note: LRQA was asked to verify only TRIFR, LTIFR and ISR for the operations in Australia, China, Indonesia, Japan

Our assurance engagement excluded the data and information of BANPU's suppliers, contractors and any third-parties mentioned in the report.

LR's responsibility is only to BANPU. LR disclaims any liability or responsibility to others as explained in the end footnote. BANPU's responsibility is for collecting, aggregating, analysing and presenting all the data and information within the report and for maintaining effective internal controls over the systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of BANPU.

LR's Opinion

Based on LR's approach nothing has come to our attention that would cause us to believe that BANPU has not, in all material respects:

- Met the requirements above
- Disclosed reliable performance data and information as no errors or omissions were detected
- Covered all the issues that are important to the stakeholders and readers of this report.

The opinion expressed is formed on the basis of a limited level of assurance and at the materiality of the professional judgement of the verifier.

Note: The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

¹ GHG quantification is subject to inherent uncertainty



KPMG Phoomchei Audit Ltd. 50th Floor, Empire Tower, 1 South Sathorn Road, Yannawa Sathorn, Bangkok 10120, Thailand Tel +66 2677 2000 Fax +66 2677 2222 Website kpmg.com/th บริษัท เคพีเอ็มจี ภูมิไขย สอบบัญชี จำกัด ขึ้น 60 เอ็มไหล์ทาวเวอร์ 1 ถนน สาทรได้ แรวงยานนาวา เขตสาทร กรุงเทพฯ 10120 โทร +66 2677 2020 เว็บไซต์ kpmg.com/th

Independent limited assurance report

To the Directors of Banpu Public Company Limited ("Banpu")

Conclusion

Based on the procedures performed, as described below, nothing has come to our attention that causes us to believe that the selected subject matters ("Subject Matters") identified below and included in the Sustainability Report 2020 (the "Report") for the year ended 31 December, together with the disclosures regarding their adherence to the three AccountAbility Principles of Inclusivity, Materiality, Responsiveness and Impact under AA1000AP (2018), and reliability of Subject Matters are not, in all material respects, prepared in compliance with the reporting criteria (the "Criteria").

Our Responsibilities

We have been engaged by Banpu and are responsible for providing a limited assurance conclusion in respect of the Subject Matters for the year ended 31 December 2020 to be included in the Report as identified below.

Our assurance engagement is conducted in accordance with the International Standard on Assurance Engagements ISAE 3000 Assurance Engagements other than Audits or Reviews of Historical Financial Information and ISAE 3410 Assurance on Greenhouse Gas Statements. We have also conducted our engagement in accordance with the Accountability Assurance Standard of Sustainability AA1000AS (2008) at moderate level that corresponds to a limited assurance as per ISAE 3000 with a Type 2 engagement, which covers not only the nature and extent of the organisation's adherence to the AA1000AP (2018), but also evaluates the reliability of Subject Matters as indicated below. These standards require the assurance team to possess the specific knowledge, skills and professional competencies needed to provide assurance on sustainability information, and that we plan and perform the engagement to obtain limited assurance on whether the Subject Matters are prepared, in all material respects, in compliance with the Criteria. We have complied with the independence and other ethical requirements of the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards) (IESBA Code), which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior. The firm applies International Standard on Quality Control 1 and

accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We have not been engaged to provide an assurance conclusion on any other information disclosed within the Report.

Subject Matters

Subject Matters comprised of the following data expressed numerically or in descriptive text for the year ended 31 December 2020:

- GRI 302-1 Energy consumption within organization
- GRI 302-3 Energy intensity
- GRI 303-3 Water withdrawal (2018)*
- GRI 303-4 Water discharge (2018)*
- GRI 303-5 Water consumption (2018)*
- GRI 305-1 Direct (Scope 1) GHG emissions
- GRI 305-2 Energy indirect (Scope 2) GHG emissions
- GRI 305-3 Other indirect (Scope 3) GHG emissions
- GRI 305-4 GHG emissions intensity
- GRI 305-6 Emissions of ozone-depleting substances (ODS)*
- GRI 305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions (NOx, SOx, PM and Hg)*
- GRI 306-2 Waste by type and disposal method*
- GRI 306-4 Transport of hazardous waste*



Commitment on SDGs



UNGC Participant



United Nations Global Compact



PRINCIPLE 1: Support and respect human rights PRINCIPLE 2: No human rights abuses

- Respect and comply with local laws and international principles responding to human rights, especially the rights of indigenous peoples
- Conduct human rights due diligence to access human rights
 risks in supply chain
- Provide equal opportunity, regardless of race, gender, religion, or nationality

ENVIRONMENT



PRINCIPLE 7 : Precautionary approach to environmental challenges PRINCIPLE 8 : Environmental responsibility PRINCIPLE 9 : Environmentally friendly technologies

- Comply with environmental regulations as well as actively monitor environmental risks to prevent negative impact
- Manage efficiently use of resources to preserve natural resources, reduce waste disposal and avoid waste to landfill
- Apply digital technology to improve environmental management system such as utilizing 3D photogrammetry in subsidence management
- Access biodiversity risk and avoid to operate in the area with high biodiversity value or threatened species

ANTI-

CORRUPTION



PRINCIPLE 10 : Work against corruption

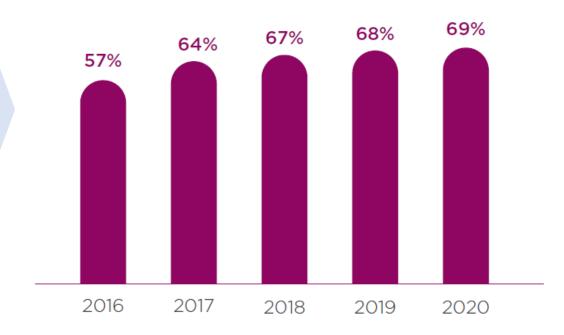
- Follow the international principles of corporate governance to ensure the ethical conduct of the Company, especially in anti-corruption
- Build employees' awareness of business ethics through implementation of corporate governance policy, code of conduct, and related policies

Sustainability Awards 2021 - BANPU

Employee: drive by engagement level



LEVEL OF EMPLOYEE ENGAGEMENT



Employee: embed "Banpu Heart" in all stages of employee life cycle



Passionate Innovative Committed

Striving for the Future

New Ideas, New Solutions

ions Success is the Only Option



Recruitment

Access personalities and behaviors by using "Personality inventory test" and "Culture-fit assessment"



On-boarding

Corporate culture "Banpu Heart" workshop for new recruits



Development

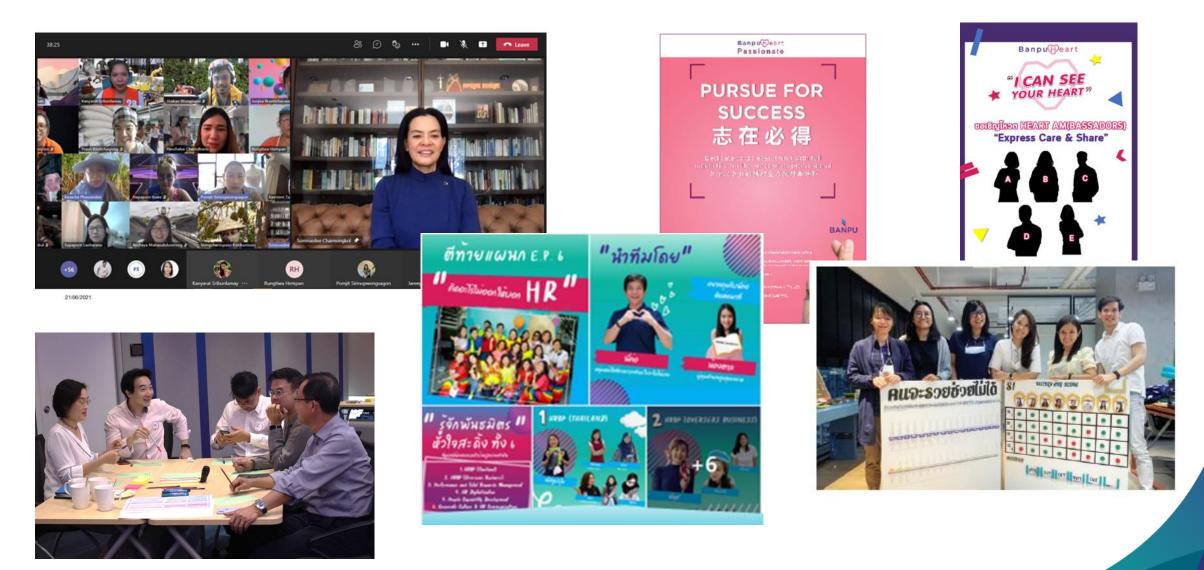
Strengthen through various activities and communication channels



Performance evaluation

Embed "Banpu Heart" as part of behavior-based KPI

Employee: strengthen "Banpu Heart" in daily life in all countries

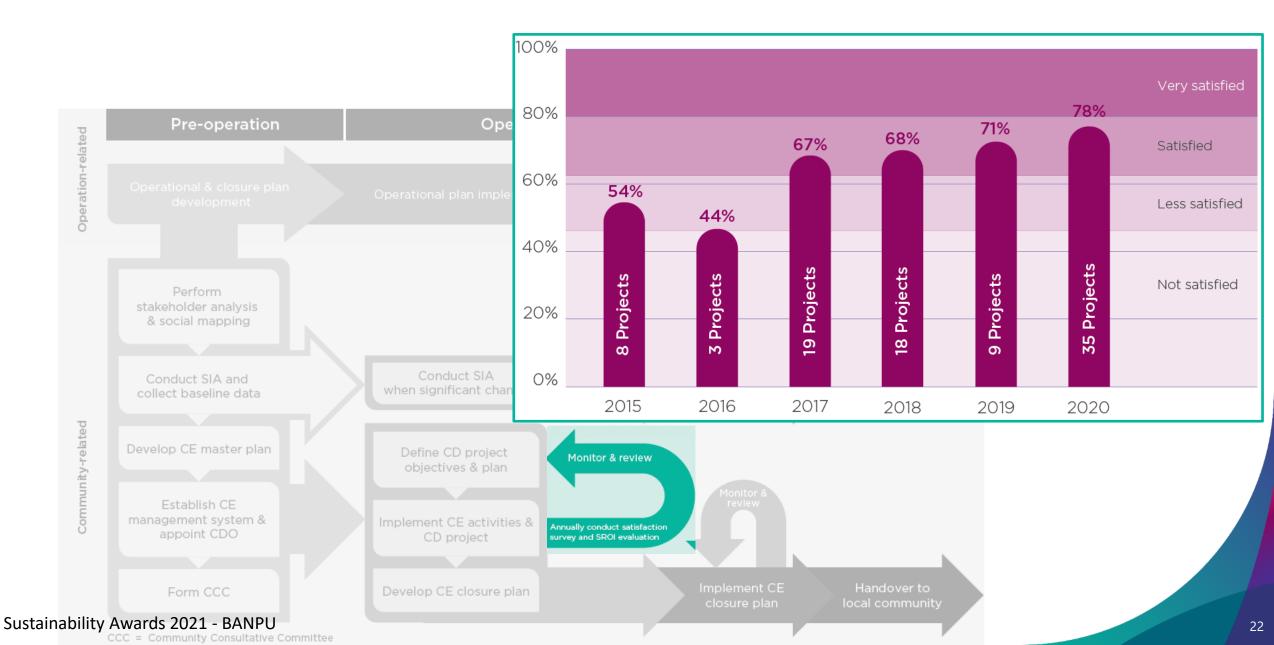


Sustainability Awards 2021 - BANPU

Community: 6-dimensional activities



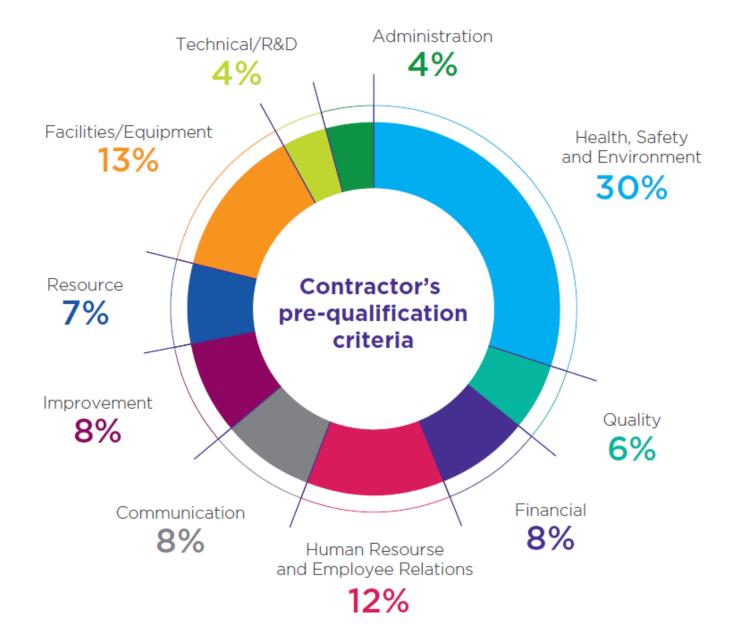
Community: monitor community's satisfaction



Supplier: Code of Conduct available in 6 language



Supplier: ESG integration in supplier selection



BANPU

BUSINESS RESILIENCE Emerging Risk

Emerging risks

Risks from Climate Change

Global concern on alternative use of energy with lower GHG emissions to combat the climate change

Risk from the Advancement of Energy Technologies

Transformation of energy through disruptive technology causing sudden shift in the energy industry including related laws & regulations

Cyber Threats

Increasing digital dependence may lead to cyber threats causing data breaches and operation shutdown and affect the business continuity and reputation

Risks of the COVID-19 Pandemic

The COVID-19 pandemic causing business operation and business continuity

Risk from climate change

Banpu has developed strategy to be part of the low carbon society with a clear target to reduce GHG emissions.

Mitigation	Progress as of 1H-2021
Policy & Governance	 Established ESG Committee at the BoD level to oversee the ESG matters to ensure that the ESG is managed corresponding to Banpu's value and stakeholders' long-term interests
	 Set up Climate Change Committee to be responsible for managing the climate change risk holistically as well as mitigating associated risks, leading to a reduction of GHG emissions in the future
	 Set up working team to conduct "Decarbonization project" to draft strategic plan and key project milestones of decarbonization related activities
	 Announced new GHG emissions targets towards 2025 for both mining and power businesses
	 Completed climate-related risks and opportunities assessment following the Task Force on Climate-related Financial Disclosures (TCFD) recommendation
Strategy & Investment	 Launched a new 5-year business plan for 2021-2025 on the theme "Greener, Smarter" strategy by accelerating the transition towards the energy sustainability goal, with key achievements as follows:
	- Gas business: acquired Barnett in the U.S. with ~597 MMcfed net production and ~3.5 Tcfe 1P reserves
	- Thermal power business: COD SLG project 1,320 MW in China with HELE technology
	: Invested in an IGCC power plant in Japan, 543 MW with HELE technology
	- Renewable power business: achieved 906 MW committed renewable capacity across Asia
Operation	 Installed a microgrid system with 2 MW of Solar PV and 2 MW of battery storage at Trubaindo, Indonesia
	Changed fuel oil from B20 to B30 to increase of biogenic GHG scope 1 in Mining Business Indonesia
	 Developed the "flue gas treatment and waste heat recovery" project at Zhengding power plant, selected as China's 100 Eco-environmental Innovation Projects

Risk from the advancement of energy technologies

Banpu endeavors to deploy technologies and agile approach as well as foster innovation culture

Mitigation	Progress as of 1H-2021
Strategy & Investment	 Launched a new 5-year business plan for 2021 – 2025 on the theme "Greener, Smarter" strategy by accelerating the transition towards the energy sustainability goal, with the achievement below: -
	- Solar rooftop & floating: 249 MW committed capacity across North and Southeast Asia
	- Energy storage: 0.5 GWh on equity basis in lithium-ion battery production capacity
	 E-Mobility: 3,729 passengers/day ride hailing via electric Tuk-Tuk service, 215 electric vehicles under fleet management, and 1 e-ferry sold
	- Smart cities: 5 projects includes energy management and smart infrastructure
	- Energy trading: 220 GWh electricity sales in Japan
Digital transformation	 Expanded the innovative culture to China by establishing 2 Digital Capability Centers (DCC)
	 Continue embedding the agile approach for project development, with 13 new use-cases and initiatives, e.g. In-pit visualization and production, Short-term Supply-chain Optimization (SSO) program
	 Continue implementing Banpu Digital Academy to conduct the online training about the digital and agile approach for employees, increased from 400 in 2018 to 1,400 people in 2020

Cybersecurity threats

Banpu implements data privacy and IT security policies and processes to reduce the overall risks or impact of a cyber threat

Mitigation	Progress as of 1H-2021
Policy	 Announced the information and Cybersecurity policies and practices
Control & Awareness	Implemented the Data Privacy policy to define the purpose of data collection, disclosure of information, and security of personal data
	Obtained the ISO 27001 Information Security Management Systems (ISMS) certification, inclusion of countermeasures and action plans in the event of a cyberattack
	 Conducted the disaster recovery plan (DRP) exercise annually for the critical data, namely financial data and enterprise documents. The effectiveness of response plan is then accessed by the 3rd party as a part of the business continuity management system certification.
	 Organized the crisis communications exercise simulating scenarios involved with the critical information leakage from cyber threats
	 Evaluated cyber risk at power asset level and arrange knowledge sharing related Cyber Security Act
	• Educated employees on cyber threats, including practices and prevention against cyber threats, e.g. phishing emails to raise employee's awareness

Risks of the COVID-19 pandemic

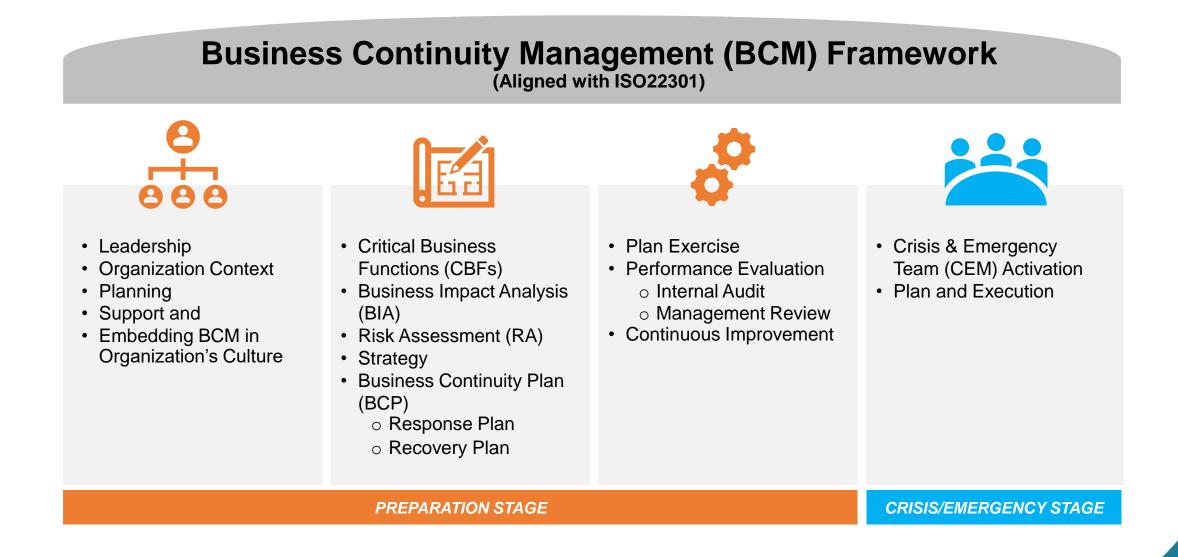
Banpu has effectively implemented business continuity management system and online communication to smoothen operating management.

Mitigation	Progress as of 1H-2021
Strategy & measurements	 Employees: Activated the Crisis Management Team (CMT) and Incident Management Team (IMT) in all operating countries to execute the business continuity plan and launch various measurements in response to the pandemic to ensure uninterrupted business operation and safety of all employees, e.g. 100% work from home measurement, execute electric document management system, conduct webinar & socialization for high alert and awareness Provided face masks, alcohol gel, vaccination and covid-19 insurance benefit for all employees. Currently,
	 Arranged "Banpu Family Connect" on the online platform to keep all employees in touch and relax
	 Supply chain: Strengthen supply chain management to ensure the availability of critical contractors and logistics of products and services
	 Mining Business: Provided vaccine to small Indonesian contractors
	 Renewable: Worked with EPC on alternative plan to accelerate construction and applied bubble and seal method for each subcontractor activities at site
	Corporate:
	- Continue implementing cost control measurements
	 Conducted scenario testing for prudent cash flow management to minimize the impact from the global economy downturn due to the COVID-19 pandemic

BANPU

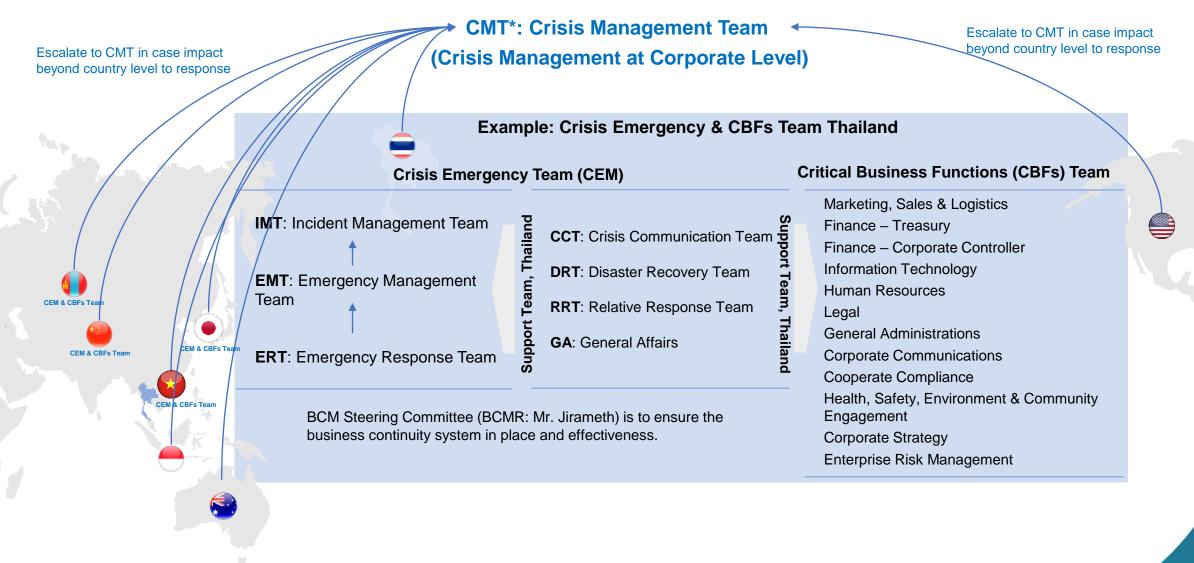
BUSINESS RESILIENCE Business Continuity

Banpu business continuity management framework



Banpu group's BCM teams

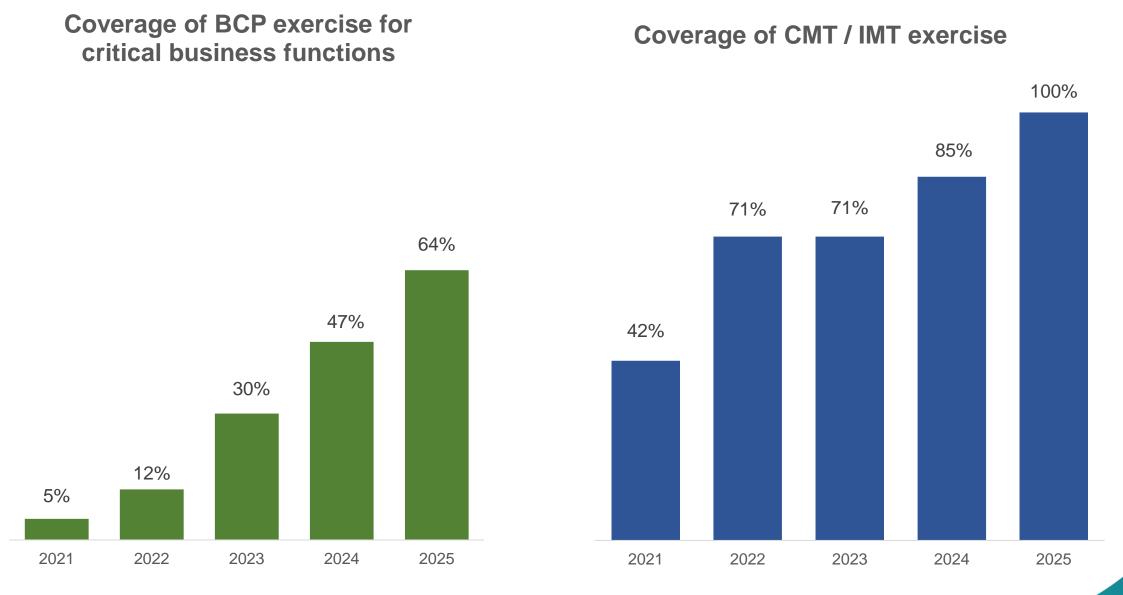




*CMT activate and response to the crisis in case impact beyond country level or IMT (country) level

Sustainability Awards 2021 - BANPU

Targets for business continuity management



Examples of business continuity plans



Flood Incident



IT Disaster / Cybersecurity



Political Demonstration



Company Protest



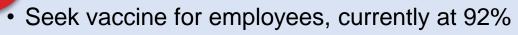
Fire Incident



Pandemic

Examples of business continuity plan at operations (COVID-19)

- Work from home for all staffs at BKK office
- Seek vaccine for employees, currently at 55%
- IMT meeting every month and update via LINE group
- All CBFs activated and follow their own BCPs
 - ✓ Legal dept. applied e-Signature for contract
 - HR dept. applied electronic online workflow such as medical expenses reimburse, Tax Document, etc



- IMT meeting every week
- Travelling restriction at sites

- Work from home for all staffs at JKT office
- Seek vaccine for employees, currently at 47%
- IMT meeting every week
- Social distancing at mine sites
- Isolation at sites and hospital, test before resume to work
- Travelling restriction at sites



- Work from home for all staffs at Sydney office
- Vaccine promotion for employees, currently at 0.25%
- IMT meeting every week
- Social distancing at mine sites
- Travelling restriction at sites

BANPU

BOARD INVOLVEMENT

Board involvement: governance management during COVID-19



Employees

- Monitor pandemic situation and provide support at all operations
- Support efficiency and convenience of "work from home" measurement through IT Technology

Society

- Support Mitr Phol-Banpu Solidarity to Aid Thailand on COVID-19 Confrontation Endowment to provide helping hands and moral support to all affected sectors, especially front-line medical personnel
- Support programs to relief economic impacts for affected and underprivileged people throughout the country



CORPORATE CITIZENSHIP & SOCIAL RESPONSIBILITY - Employee -







Protection

- 80% of Thai Expats working overseas managed to travel back to Thailand in March 2020.
- 100% work from home for employees working in Bangkok office.
- 1st period: December 22, 2020 February 8, 2021
- 2nd period: April 8, 2021 until present
- Activated the Incident Management Team (IMT) for crisis management and communication.
- Applied COVID-19 insurance for employees starting from March 2020.

- Coordinated with The Social Security Office to get COVID-19 vaccination for employees.
- Coordinates with local organizations to get vaccines for Thai Expats working in overseas.
- Provides the protection kits to employees (Mask, alcohol spray, medicines).
- Provided the protection kits to employees who required to work at customer's site.
- Sourced and secured the Booster Vaccines for employees including theirs 1 family member.





COVID-19 related

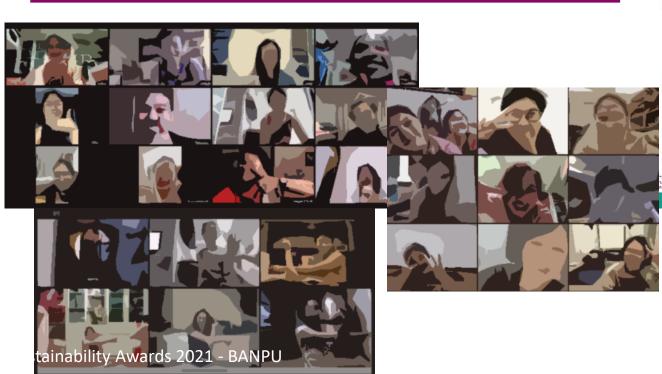
- Closely monitor the situations in order to support employees in timely manner and allocate additional budget if needed.
- In case of risk of COVID-19 infection from working, the company fully supports all cost occurred.
- Should travel overseas be required for work, the company fully supports all associated cost. (ASQ, PCR test and etc.)
- Formed the voluntary team to support employee by giving guidance and coordinating with hospitals if needed.
- In case of COVID-19 infection with employee who works overseas, coordinated with the International SOS and local doctor at the working site to closely monitor the symptoms during home isolation.



- Strengthen employees' skills & competencies" by maintaining the development programs to employees as usual through various effective development channels.
- Adjusted the claiming process for employees to more conveniently reimburse welfare and benefit during work from home.
- Allowed reimbursement of office facilities for WFH under the flexible benefit.
- Applied the Tele Medicine in coordination with insurance company for employees to be able to consult doctor virtually and get medication.
- Apart from COVID-19 situations, we also responded to other situations to support employees in time of crisis, such as provided expense supports for temporary relocation to avoid risks from explosion of Chemical Factory in Bangkok suburban.



- Arranged the Health Talk session for employees relating to Self-care during WFH.
- Provided the Counselor / Psychiatrist Service.
- Continuing the virtual workout to keep employees healthy: 1-on-1 personal trainer, yoga class, Zumba class.





Employee: engagement during WFH



CC Banpu 0 ร้องสะ 4 รุนภาพันธ์ เวลา 12:34 พ.- @ สัปลาพ์หน่าพวกเราชาวบ้านปุจะได้กลับไปเจอหน้ากันที่ออฟฟิตแล้ว สัปล้านในหน้าวาว อู 0

แลสัมลางสีอังชื่อ work from home กันอยู่ แผนก Digital Center of Excellence หรือ DCOE มีวิธีมารักๆ หรือการรบับความสัมพันธ์ไฟยัด #StayConnected กันได้เป็นออกจะพิ ต่อการสืด Team Virtual Lunch หานอาหารเพ็ดสรามศักปินโอกาสพัสษา พร้อมกับเน้ามออกามโดสารทุกที่สุข คืน ทำให้สู้อีกหนึ่งไว้สีทั้งที่อาหารการเพื่อสรามกันออกลอก ตัวอภิษณรีต แอ สะ อีอาาเป็นอัสหหรือวิธีที่ไฟอ้ายและสินหาราชว่อสร้างแรก...ดูหนึ่งแส้น



npu Stands by You

Banpu Stands by You

Informal platform: Facebook closed group was created

Objective:

- To make employees confident in the Company in handling situations.
- To create morale and encouragement. To keep updates of company's key movements.
- To engage them in company activities.





ครัวบ้านปู ปรุงสุข ด้วยใจ คืออะไร?

โครงการครัวบ้านปู ปรุงสุข ด้วยใจ (Banpu Heartwarming Kitchen) เป็นเวทีให้พนักงานได้อาสา ร่วมแบ่งปัน ความช่วยเหลือไปยังชุมชนที่ได้รับพลกระทบจากการแพร่ระบาดของโควิด-19 พ่านกิจกรรมประกอบอาหาร ร่วมกับสมาชิกในครอบครัวในทุกๆ วันเสาร์ ตั้งแต่วันที่ 28 สิงหาคม – 30 ตุลาคม พ.ศ. 2564 หรือสนับสนุนร้านอาหารในชุมชนที่ได้รับพลกระทบจากสถานการณ์ดังกล่าวเช่นเดียวกัน

หมายเหตุ : การโครงการฯ กำหนดรังส่งงาหารสูงสูงสับภาพละ 200 กล่อง ก่อนับธิมาณการจัดส่งงางมีการเปลี่ยนเปลงงานความเหมาะส



Banpu stands by you ⊜ กลุมส่วนตัว - สมาปิก 263 คน

10000000000 🚥

เกี่ยวกับ <mark>การพูดดุม</mark> ห้อง สมาชิก งานกิจกรรม

q



เปิดรับสมัครสมาชิก 🚺 CSR COMMITTEE 3 ตำแหน่ง

คุณสมบัติของพู้สมัคร

 เป็นพนักงานคนรุ่นไหม่ของกลุ่มบ้านปู ที่มี Passion ในการช่วยเหลือสังคมและมีไอเดียที่สร้างสรรค์ เพื่อพัฒนาโครงการ CSR ของบ้านปูให้กันสมัย โดนโจคนรุ่นใหม่

 มีความเข้าใจการทำ CSR ในระดับองค์กร ที่ด้องดอบโจทย์การช่วยเหลือสังคมและการเสริม ภาพลักษณ์ขององค์กรให้เป็นที่จดจำในฐานะบรรษัทพลเมืองที่ดี

Employee: engagement during WFH

Banpu Family Connect

Virtual Session via MS Team

Objective:

- To get together.
- To create morale and encouragement.
- To engage them in company activities.







Heart & Soul





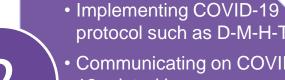
BANPU

CORPORATE CITIZENSHIP & SOCIAL RESPONSIBILITY - Contractor -

Contractor: practices at operational sites

Each country applied three approaches for supporting contractors and adjusted to fit the local context

- Supported establishment of COVID-19 protocol between Banpu and contractors
- Socialized and made agreement on the protocol



- protocol such as D-M-H-T Communicating on COVID-
- 19 related issues
- Monitoring and updating situation, including vaccination management



 Supported in setting up BCP in case of infection

Example of additional measures in Indonesia

- Setting up a VGR (Vaksin Gotong Royong), a vaccine program by ITM for small contractors
 - Encouraging contractors to get the vaccine
 - Supported contractors on how to registration to get the vaccine
 - Provided channel to get the vaccine and coordinate with VPP (Vaksin Program Pemerintah). Vaccination from Government, in order to get the vaccine to support contractors
 - Donated to community in the areas where contractors lived through CSR programs
 - Supported High Flow Nassal Canule for hospital through CSR program which can support both community and contractors
- Invited contractors & outsources to get the vaccine at ITM office



Contractor: practices in Thailand

1

Established COVID-19 protocol between sites and contractors

- Communicating COVID-19 hygiene protocol applied for contractors (e.g. strictly comply with D-M-H-T-T principles, proceed in case of infection)
- Updating COVID-19 situation, related information and prevention measures on noticed boards





Implementing & monitoring

- Monitoring daily health check before entering the sites
- Allocated suitable manpower in each station to avoid the congestion of worker and safety space

Established BCP in case of infection

3

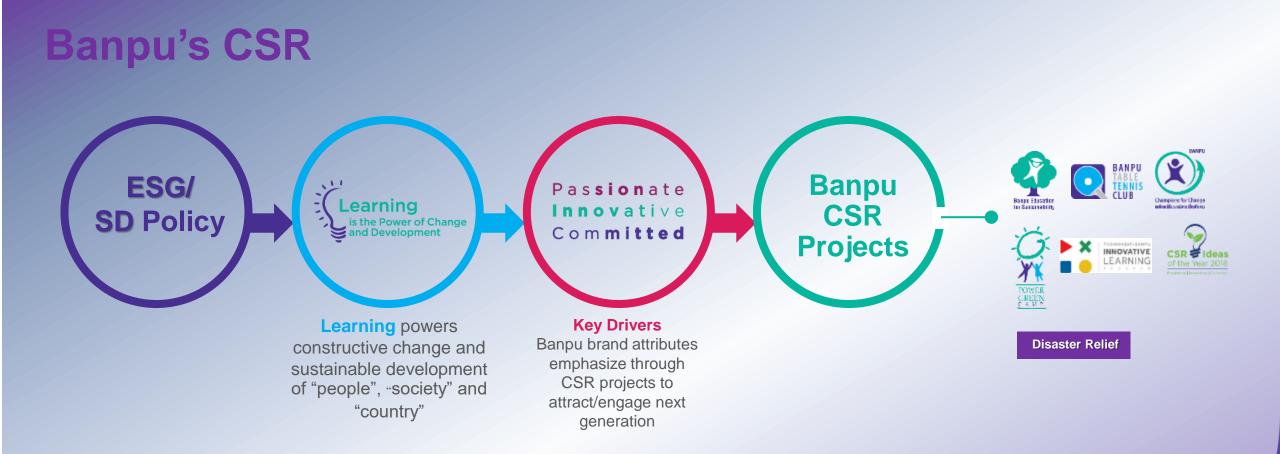


- Providing hand sanitizer sets e.g., alcohol gel & spray, masks, cleaning water and soaps at all essential points of the sites
- Sourcing Rapid Antigen Test (ATK) kits
- Coordinating and supporting to registration agencies for COVID-19 vaccination
- Prepared business continuity plan and isolation zone and facilities in case contractor is found to be infected with COVID-19

16 MW solar floating plant, Lakchai, Rayong

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CORPORATE CITIZENSHIP & SOCIAL RESPONSIBILITY - Society -



Business Credo

"An industry will be strong only when it is developed in tandem with social and environmental responsibility"

OUR WAY IN ENERGY

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Banpu CSR – Our Way in Making Social Impact





As a good corporate citizen, Banpu takes an active part in disaster relief efforts, both domestic and international. With our contribution, the affected people are able to resume their livelihoods and continue earning a living for themselves and their families.



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Mitr Phol - Banpu Solidarity to Aid Thailand on COVID-19 Confrontation Endowment

COVID-19 Outbreak



As the first wave of Covid-19 in Thailand existed in early 2020, Mitr Phol Group and Banpu Public Company Limited jointly established the 'Mitr Phol - Banpu Solidarity to Aid Thailand on COVID-19 Confrontation Endowment' in March. With a total budget of THB 500 million raised from the two companies for THB 250 million each.

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Mitr Phol - Banpu Endowment Objectives



- To provide important medical and public health equipment to prevent and control the COVID-19 situation for hospitals and public health agencies across the country
- To boost morale and empower medical personnel and volunteers who devoted themselves to support the society during the outbreak



• To relieve the economic impacts on the vulnerable people across the country

 To inspire other organizations to support the governmental and public sectors in handling the crisis

Covid-19 Situations in Thailand and Endowment Actions

1st Wave Jan 20: 1st infected case in Thailand **2nd Wave** Dec 20: Cluster in Central Prawn Market in Samut Sakho **3rd Wave** Apr 21: Clusters in Bangkok Pub and Narathiwat prison **4th Wave** Jul 21: Increasing number of infected cases and deaths



- Support medical equipment to capable hospitals and provincial/district hospitals in remote and high-risk areas
- Support insurance for medical personnel
- Donation of quality face masks
- Donation of food supplies and goodie bags to affected people
- EV car sharing to support medical personnel

- Support field hospitals
- Support medical equipment and PPE to provincial/district hospitals in remote and high-risk areas
- Donation of food supplies and goodie bags to affected people
- Support hospitals for capability increase in handling number of COVID-19 patients
- Support necessary equipment to prevent the spread of COVID-19 in high-risk zones
- Support telemedicine system
- Sharing EV car and e-skooters to support medical personnel missions
- Support medical equipment and PPE to provincial/district hospitals in remote and high-risk areas
- Donation of food supplies and goodie bags to affected people



Banpu Next's CSV project Banpu Next EV Car Sharing for Caring

- Provided Evs to safe journeys of medical personnel during COVID-19 pandemic with free of charge
- Phase 1: 50 EV cars allocated over a period of three months to King Chulalongkorn Memorial, Phyathai 1, Phyathai 2, Phyathai Nawamin and Paolo Paholyothin hospitals
- Phase 2: 21 EV cars and e-scooters allocated to Medical Professionals at Budsarakam Field Hospital
- Phase 3 (Current): EV cars to provide food supplies and necessities to people in need.





Highlighted Figures







Approx. **340**

Organizations that the Endowment provided supports

>140

Number of hospitals that were provided support on medical equipment and supplies to confront COVID-19 Approx. **40**

Number of provinces that the supports has been covered.

Banpu CSR Hero: Banpu Champions For Change (BC4C)

UpImpact

- The COVID-19 affected SEs in Thailand.
- Continued BC4C in 2020, adjusted the programs to suit the situation/ and created "UpImpact" program
- "Up-Thinking Up-Skilling Up-Implementing" principle.
- 4 intensive workshops for 20 selected SEs
- 4 webinars (business management, online marketing development, financing, business expansion, and tricks and tips, etc.) with over 25,000 views (SEs, SMEs, public)







Creating Employee Engagement through Company's CSR



ครัวบ้านปู ปรุงสุข ด้วยใจ คืออะไร?

โครงการครัวบ้านปู ปรุงสุข ด้วยใจ (Banpu Heartwarming Kitchen) เป็นเวท์ให้พนักงานได้อาสา ร่วมแบ่งปัน ความช่วยเหลือไปยังชุมชนที่ได้รับพลกระทบจากการเพชร์ระบาดของโควัด-19 พ่านทั่งกรรมประกอบอาหาร ร่วมกับสมาชิกในครอบครัวในทุกๆ วันเสาร์ ตั้งแต่วันที่ 28 สังหาคม – 30 ตุลาคม พ.ศ. 2564 หรือสนับสนุบร้านอาหารในชุมชนที่ได้รับพลกระทบจากสถานการณ์ดังกล่าวเช่นเดียวกัน

หมายเหตุ : การโกรงการฯ กำหนวขัดส่งงาหายสูงสุดสับดาศีย: 200 กล่อง ทั้งดีปรีมาณการจัดสังดารปีการเปลี่ยมรับสงงานกวามหมาะสม



BanpuHeart



Engage staff to contribute to the society (under Mitr Phol – Banpu Endowment) and create pride for Company's effort to social responsibility

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