

A background image showing a pair of hands gently cupping a small green seedling with dark soil. The image is slightly blurred, emphasizing the plant and the hands. The Komatsu logo is overlaid on the top left of this image.

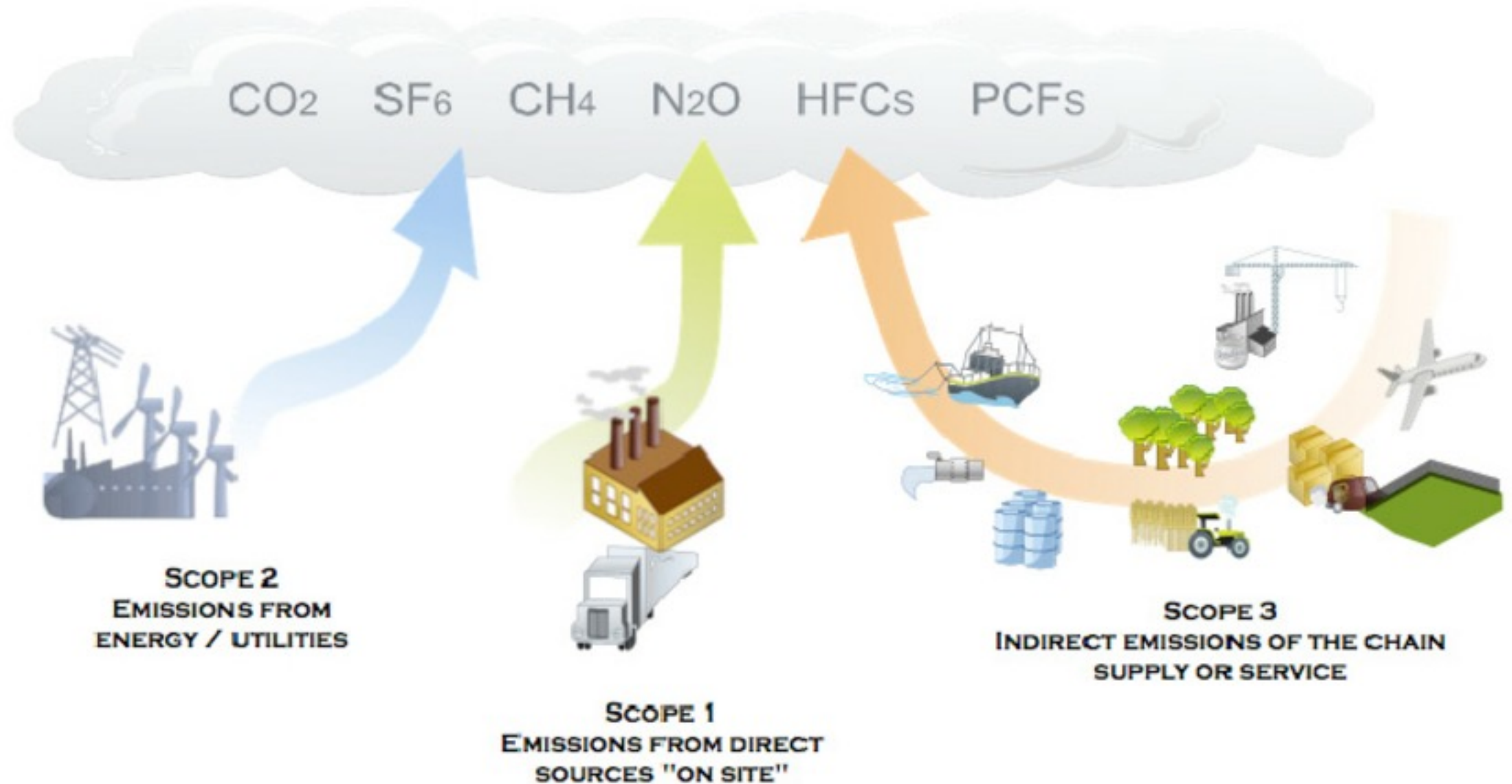
KOMATSU

Hydrogen and Mining

Jeffrey Dawes – President & CEO – Komatsu Mining Corp

Virtual | August 2021

Green House Gas – Source Definitions



Sustainability – Voice of Mining Companies

Our climate change strategy update

We do not mine coal or extract oil and gas

Our targets¹

30% reduction in emissions intensity by 2030 from 2018 levels

15% reduction in absolute emissions by 2030 from 2018 levels

Our growth, overall, between now and 2030 will be carbon neutral

Underpinned by

Approximately \$1 billion climate-related spend over next 5 years

Ultimately

Our ambition is for net zero emissions from our operations by 2050

¹ Targets are for scope 1 and 2 GHG emissions, for managed and non-managed operations on an equity basis

RioTinto

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Our commitment: \$1 billion climate-related spend over five years

\$1 billion climate-related spend 2020 - 2025

Elysium R&D

Pilbara solar and battery project stage one

Future emissions reduction spend and capital projects

\$1 billion climate-related spend over five years

Combination of opex and capex
Capital portion already in guidance

Investing in physical assets
Investing in technology

- Taking an economic approach to climate-related spend
- Centres of Excellence to provide technical support and assurance to project analysis
- So far the return on climate-related investment decisions has met or exceeded our cost of capital

1

A mid-term target to reduce operational greenhouse gas (GHG) emissions by at least 30% from FY2020 levels² by FY2030

2

Scope 3 actions to enable decarbonisation in our value chain

- steelmaking: support industry to develop technologies and pathways capable of 30% emissions intensity reduction with widespread adoption expected post-2030
- transportation: support emissions intensity reduction of 40% in BHP-chartered shipping of our products

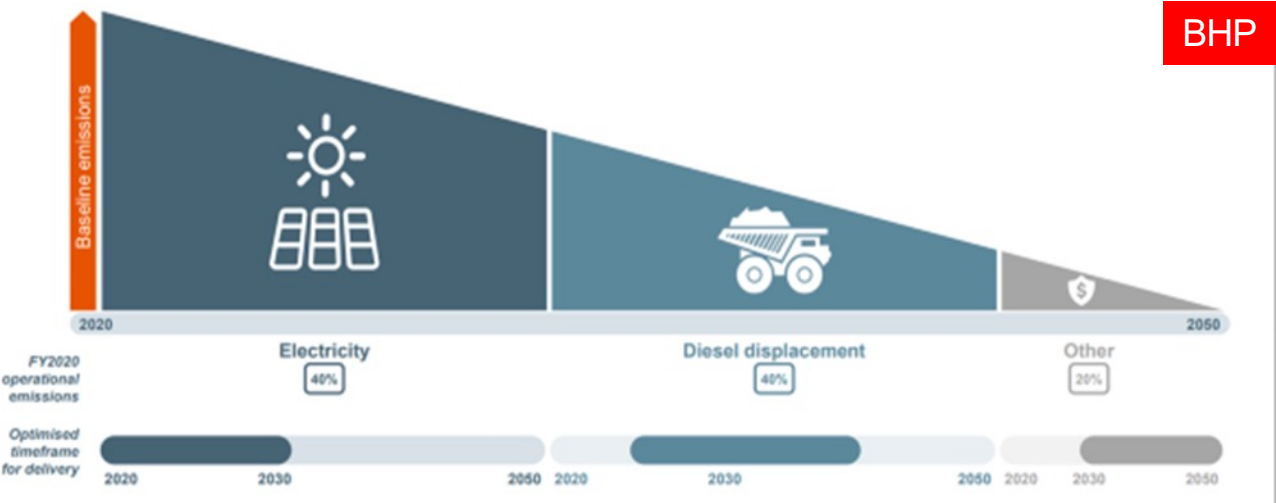
3

Strengthened link between climate change performance and executive remuneration

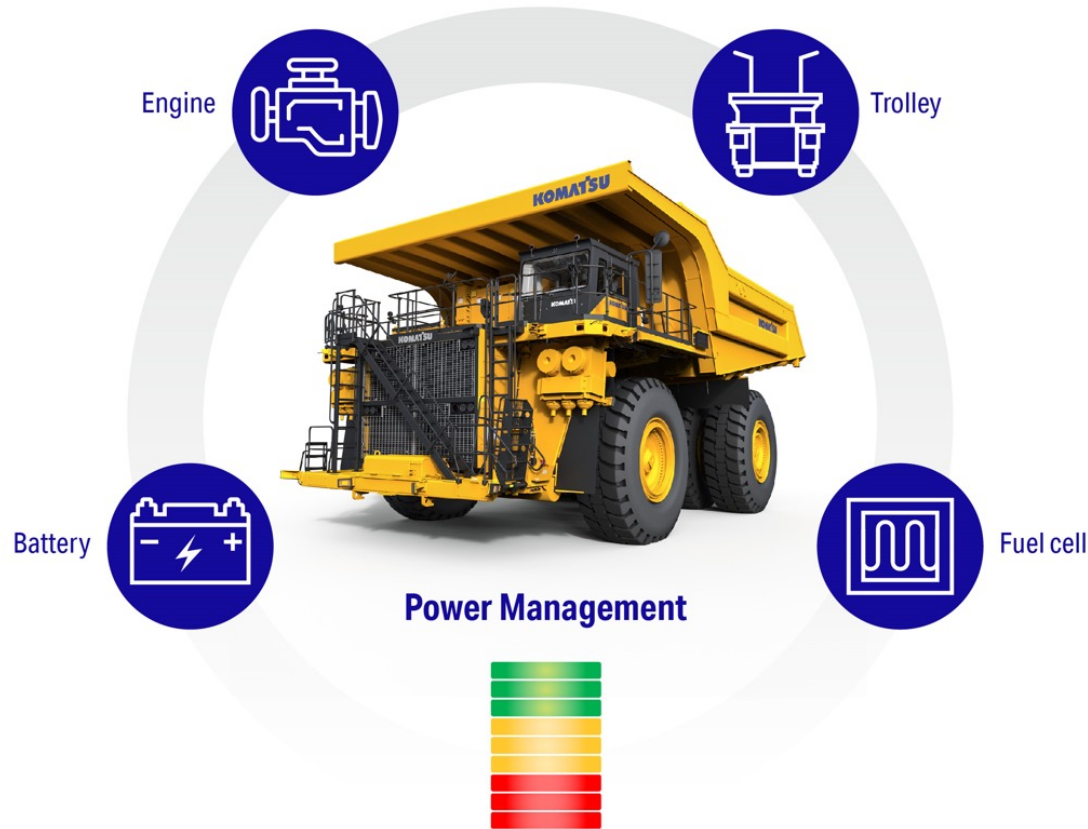
- 10% of the Cash and Deferred Plan scorecard
- Implicit in Long-Term Incentive Plan through link to total shareholder return

4

Portfolio assessed against a 1.5°C scenario



GHG Alliance – Zero Emission Mining Truck



- GHG Alliance between BHP, Rio Tinto, Boliden and CODELCO to develop a Zero emission mining truck
- Power Agnostic, so it will run with batteries, trolley, hydrogen fuel cell, or even a diesel engine
- Will require major changes to mine infrastructure to accommodate this new technology, hydrogen storage on-site and on-board, trolley lines, recharging stations and standards, etc.

GHG Alliance – Zero Emission Mining Truck



- Each Zero Emission haul truck will require an additional MW of green energy to operate
- A typical 70 truck fleet will require an additional 70 MW of power for the mine, which is double or even triple the current requirement
- This is a huge challenge to source sufficient power, even when the Zero Emission truck is available
- The first working Zero Emission haul truck concept vehicle exists, come to the Komatsu stand at MINExpo in Las Vegas on September 13 and you can see it for yourself!