

# Global Goals for Development

UN Sustainable Development Goals (SDGs)



# From 'Responsibility' to 'Opportunity'

## OPPORTUNITIES

- Shining light!!
- Framework that the world (UN) has agreed
- Common direction & definition of SD
- Contribution to the goals that align with core business
- Shared value thinking
- Real opportunity (for R&D)

## CHALLENGES

- Another reporting system
- Another layer putting on top of what we do
- Is it another way of doing/calling CSR?
- How to engage other functions in the organization – technical (UN) jargon!
- Getting real attention from Executives

# Business/Industry Response

## Major issue areas for mining and the SDGs



White Paper

Mapping Mining to the Sustainable Development Goals: An Atlas

# Contribution to SDGs that aligns with core business



The top three SDGs to which Dow's 2025 Goals align are:

 <p>THE GLOBAL GOALS For Sustainable Development</p>	<p><b>3</b> GOOD HEALTH AND WELL-BEING</p> 	<p><b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE</p> 	<p><b>15</b> LIFE ON LAND</p> 	<ul style="list-style-type: none"><li>▪ Good Health and Well-Being</li><li>▪ Industry, Innovation and Infrastructure</li><li>▪ Life on Land</li></ul>
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DSM contributes to many of Sustainable Development Goals (SDGs)

 <p>THE GLOBAL GOALS For Sustainable Development</p>	<p><b>2</b> ZERO HUNGER</p> 	<p><b>3</b> GOOD HEALTH AND WELL-BEING</p> 	<p><b>7</b> AFFORDABLE AND CLEAN ENERGY</p> 	<p><b>12</b> RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 	<p><b>13</b> CLIMATE ACTION</p> 	<p><b>17</b> PARTNERSHIPS FOR THE GOALS</p> 
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# Companies will all have different starting points

We start with where the client is at, and build from there

How does this fit with my current CSR/ Sustainability framework?

How does it fit with the mission of our company?

How does this fit with my current sustainability reporting (GRI, DJSI, CDP, etc.)?

Should we align our Corporate Foundation goals to SDGs?



Are these really relevant for business?

How do we measure the impact of our activities & investments?

# We start with where the client is...and then look at...

## Mission

- How can what you do as a business contribute to sustainable development?

## Opportunity

- What opportunities to the SDGs present?
- A framework for aligning with global ambition – the fourth industrial revolution

## Engagement

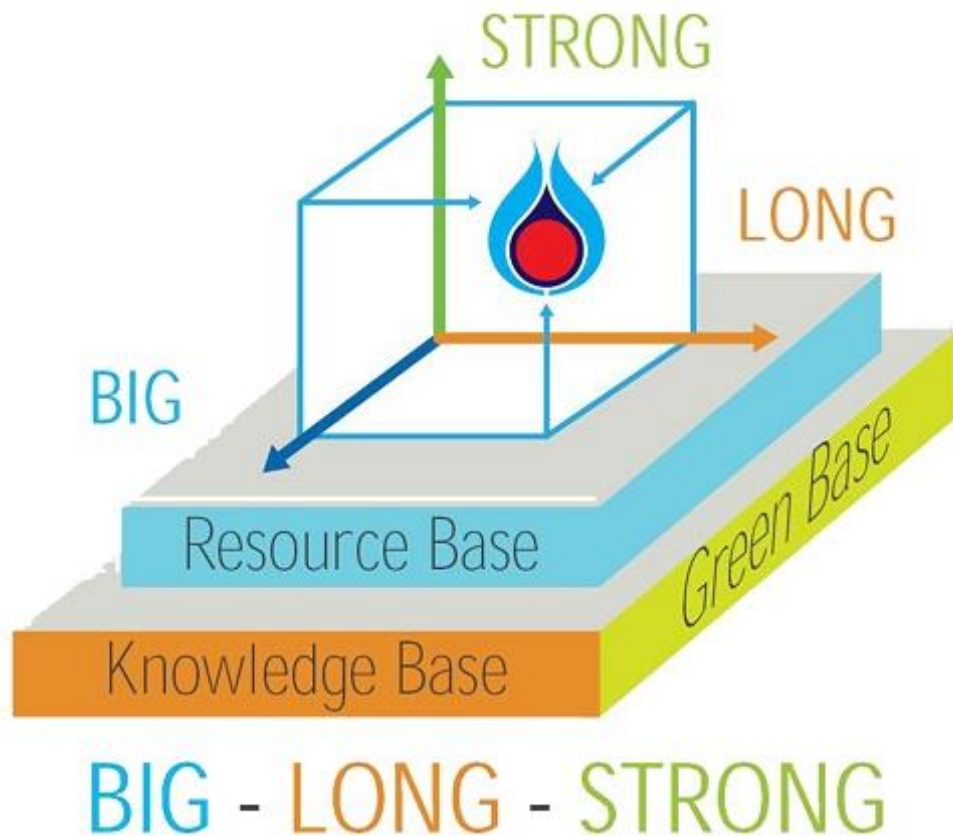
- With employees
- With your supply chain, customers and other partners

## Measuring impact

- Measure impact of activities and investment
- Valuing the natural and social capital along with financial capital

# Mission

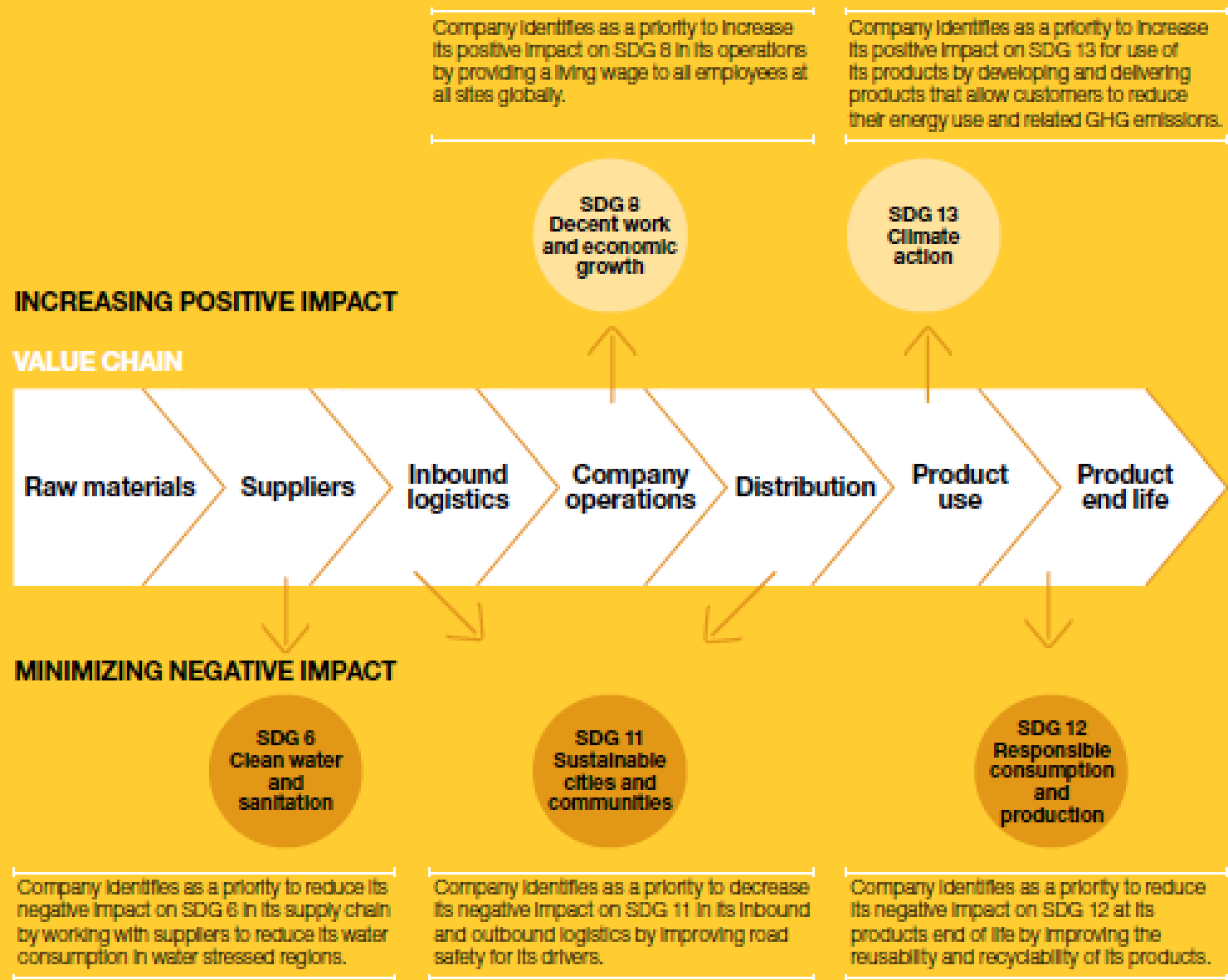
How can what you do as a business contribute to sustainable development?



Thai Premier  
Multinational  
Energy Company

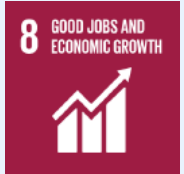
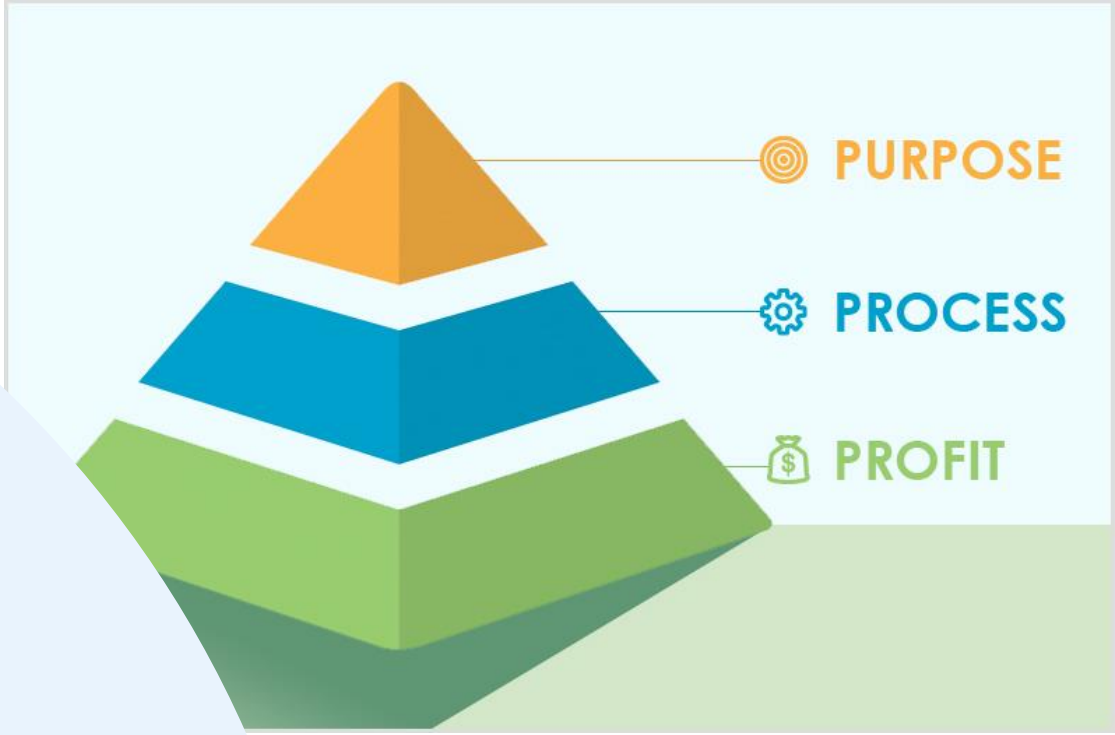
# Opportunity: Thinking about the value chain

## In action: Mapping the SDGs against the value chain





# Opportunity for Employee Engagement



SDGs present a great opportunity for employee engagement



# Measurement

Navigating your way through all the reporting, valuation and measurement approaches .. What makes sense for you?



NATURAL  
CAPITAL  
COALITION



**FTSE4Good Index Series**

**ROBECOSAM**   
We are Sustainability Investing.



Accounting for a  
Sustainable Future

# Initial Work with ERM Foundation



**Improve access to environmental and sustainability-related education globally, particularly for young people, ensuring that girls are well represented.**

**Why?** It is essential that the next generation of young learners is equipped with the information and motivation to act in ways that contribute to sustainable development and the protection of the natural environment, upon which we all ultimately depend.

**Improve access to 'STEM' careers for women and girls (Science Technology, Engineering and Mathematics)**

**Why?** Even in a developed economy such as the United States, women occupy only 25 percent of STEM jobs. Women in STEM careers earn on average 33 percent more than women in non-STEM careers, which contributes to economic empowerment and provides role models for the next generation of young female learners.

**Support female entrepreneurs for sustainable livelihoods, particularly in developing countries.**

**Why?** Research indicates that economically empowered women are more likely to use their income for their children's education, health and family well-being. This can have a powerful impact on their children's future prospects, helping to break the cycle of poverty, as well as enabling them to contribute to the productive economy.

**Improve access to clean, fuel-efficient cooking stoves in Africa, Latin America and developing Asia**

**Why?** The World Health Organization (WHO) estimates that exposure to smoke from cooking causes 4.3 million premature deaths per year. Efficient cook stoves improve health, reduce fuel consumption and also free up time for women and girls to engage in productive activities.

**Support sustainable forest and natural resource management, restore degraded forests and protect biodiversity**

**Why?** Deforestation is the second highest single contributor to global carbon emissions and forests provide a wide range of important ecosystem services and act as carbon sinks.



**Improve education, awareness-raising and human and institutional capacity building on climate change mitigation, adaptation and impact reduction, particularly in relation to women and girls**

**Why?** Studies have shown that women suffer disproportionately from the impacts of disasters, severe weather events, and climate change. Women constitute the majority of the world's poor and are more dependent on natural resources for their livelihoods. When crops fail or water supplies dry up, it is often women who have to deal with these challenges.

**Improve access to renewable energy products and services for off-grid communities, and improve energy efficiency by replacing carbon-intensive fuel sources and practices with more sustainable alternatives.**

**Why?** Globally, c. 1.4 billion people do not have access to mains electricity. This is a serious barrier to development and also contributes to carbon emissions as many people are dependent on burning firewood or kerosene to fulfil their basic energy needs.

**Improve access to water, sanitation and hygiene facilities, with particular emphasis on the needs of women and girls, including menstrual health and hygiene**

**Why?** According to the United Nations, 780 million people globally do not have access to clean water and almost 2.5 billion people do not have access to adequate sanitation. More than 6 million people die each year from the consequences of water-related disease.