BRIGHTER India

Building a Resilient, Inclusive, Green, High-Tech, and Equitable Republic

Inter-twining Digital with Sustainability

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SAP
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Sustainability is just not compliance – It's an opportunity

The sustainability battle will be won or lost in Asia

- **Responsibility** - 51% of annual global greenhouse gas emissions.
- **Impact** - India is projected to see a reduction in GDP well above the global average of 18% due to climate change.
- **Opportunity** - The biggest opportunity for climate action is in Asia. More than half (53%) of the new revenue opportunity for new, more sustainable business models comes from Asia. More than half of the new jobs created will be in Asia.

Consumers	Investors	Regulators	Companies	Businesses
79%	**75%**	**20X**	**9%**	**$1.2T**
of buyers are changing preferences based on sustainability	would find value in assurance of robustness of an organization's planning for climate risks	increase in the number of global climate change laws since 1997	have a comprehensive understanding of their greenhouse gas output or the impact of those emissions	of cost over the next 15 years for delays of climate action.

Governments are the driving force for sustainability

Consumer & Exemplar
Greening government operations

Regulator & Enabler
Setting framework conditions

Zero Emissions
with Climate Action

Zero Waste
with Circular Economy

Zero Inequality
with Social Responsibility

GREEN TECHNOLOGY + TECHNOLOGY FOR GREEN = SUSTAINABLE GOVERNANCE

Trends

- Sustainability related regulations and policies
- Rising impact of climate change on public infrastructure and finances
- Social divide and number of vulnerable people on the rise
- Increased public investments into green transition (e.g. restructuring and resilience plans), climate adaptation and mitigation

Government Transformation Themes

- Sustainable Mobility
- Sustainable Infrastructure
- Green Public Finance Management
- Responsible Procurement
- Digital Citizen Services

New Key Challenges

ZERO EMISSIONS

- GHG emission and travel management
- Green procurement

ZERO WASTE

- Paperless administration and improved circularity

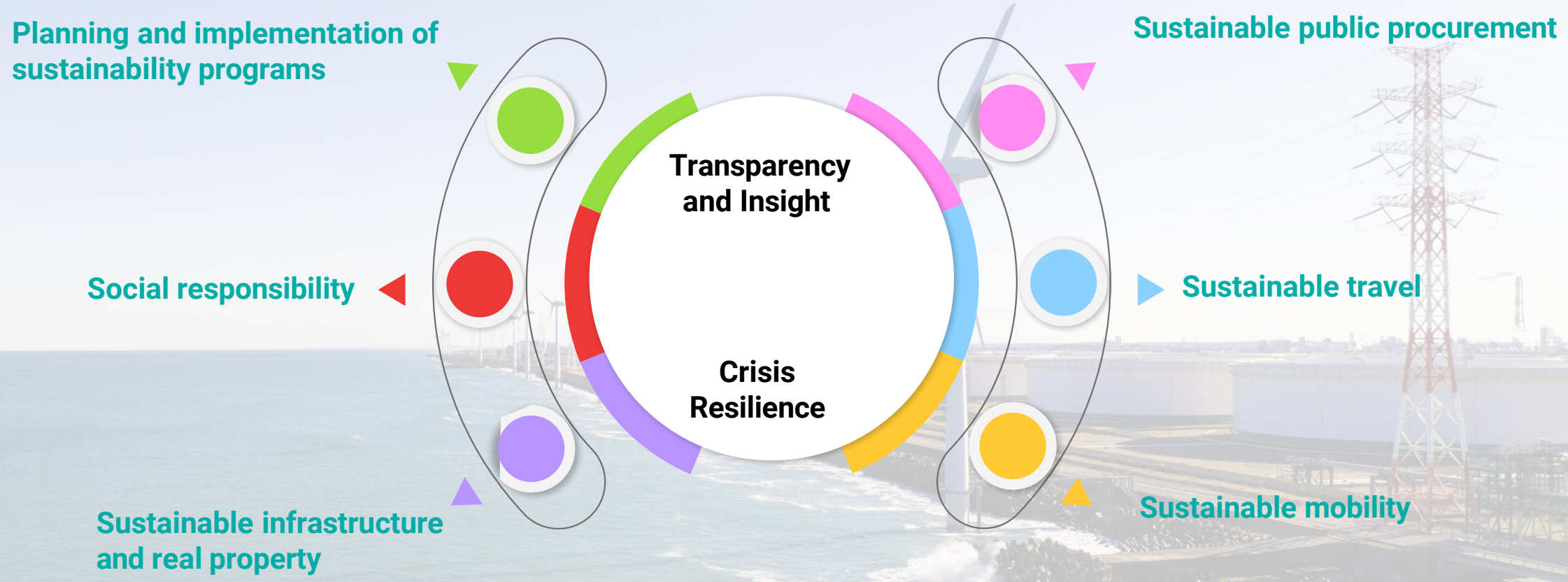
ZERO INEQUALITY

- Skilled, healthy and diverse workforce
- Access to citizen services for all
- Social protection and equity

HOLISTIC STEERING AND REPORTING

- ESG reporting compliance

Use Cases – Sustainability Management in Government



AI and Sustainability

Drive climate action with AI

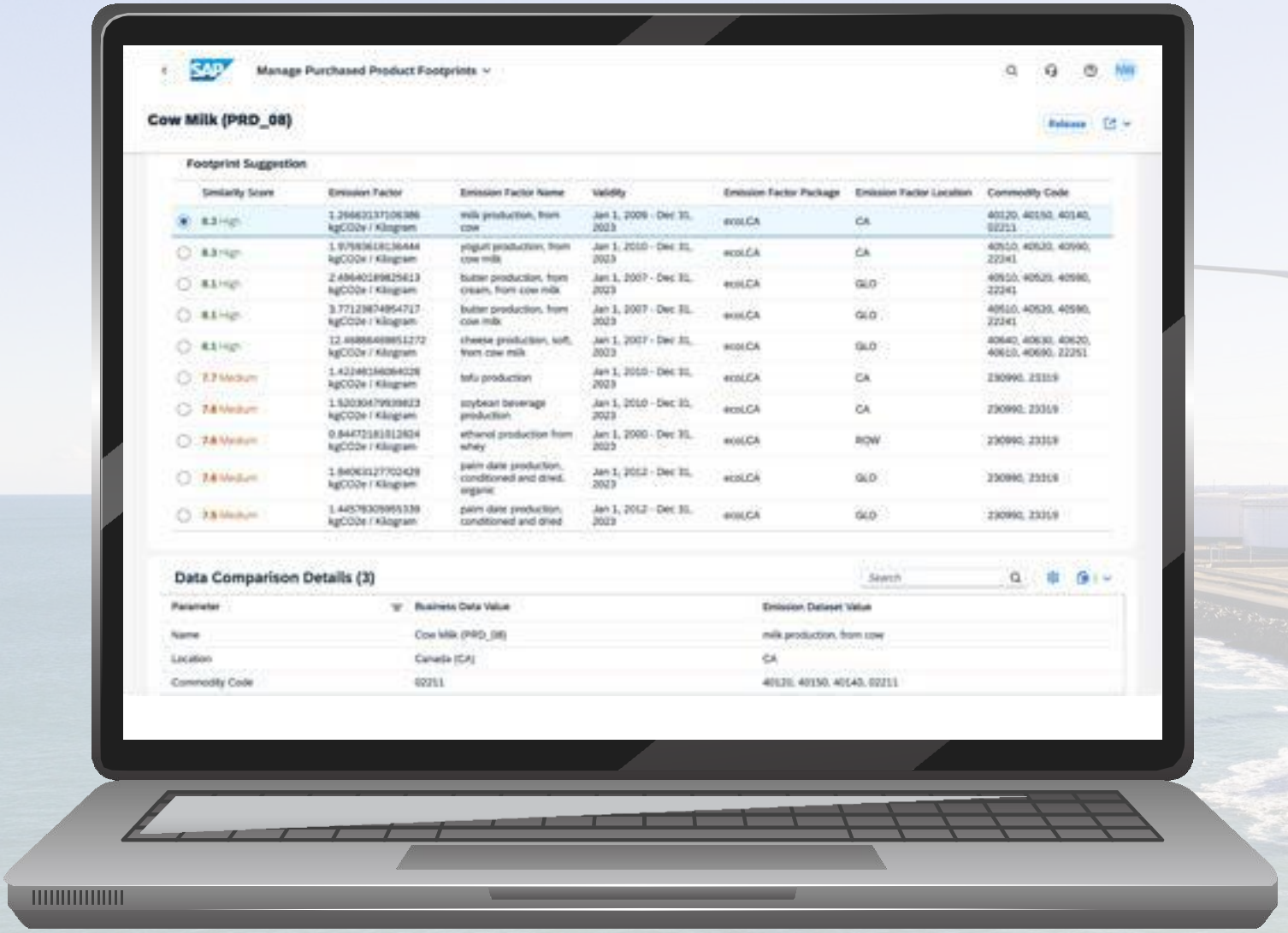
01

The United Nations Environment Program forecasts that **to meet the 1.5°C goal,** the world will need to reduce emissions by **42% by 2030.**

- BCG predicts that by 2030, **AI** could help **reduce** global greenhouse gas emissions **by 5% to 10%**
- By 2030, AI could consume up to **3.5%** of the world's electricity
- Responsible, Reliable, Relevant

02

Automate emission factor mapping



Suggest emission factor mappings of purchased products, and include an accuracy score.

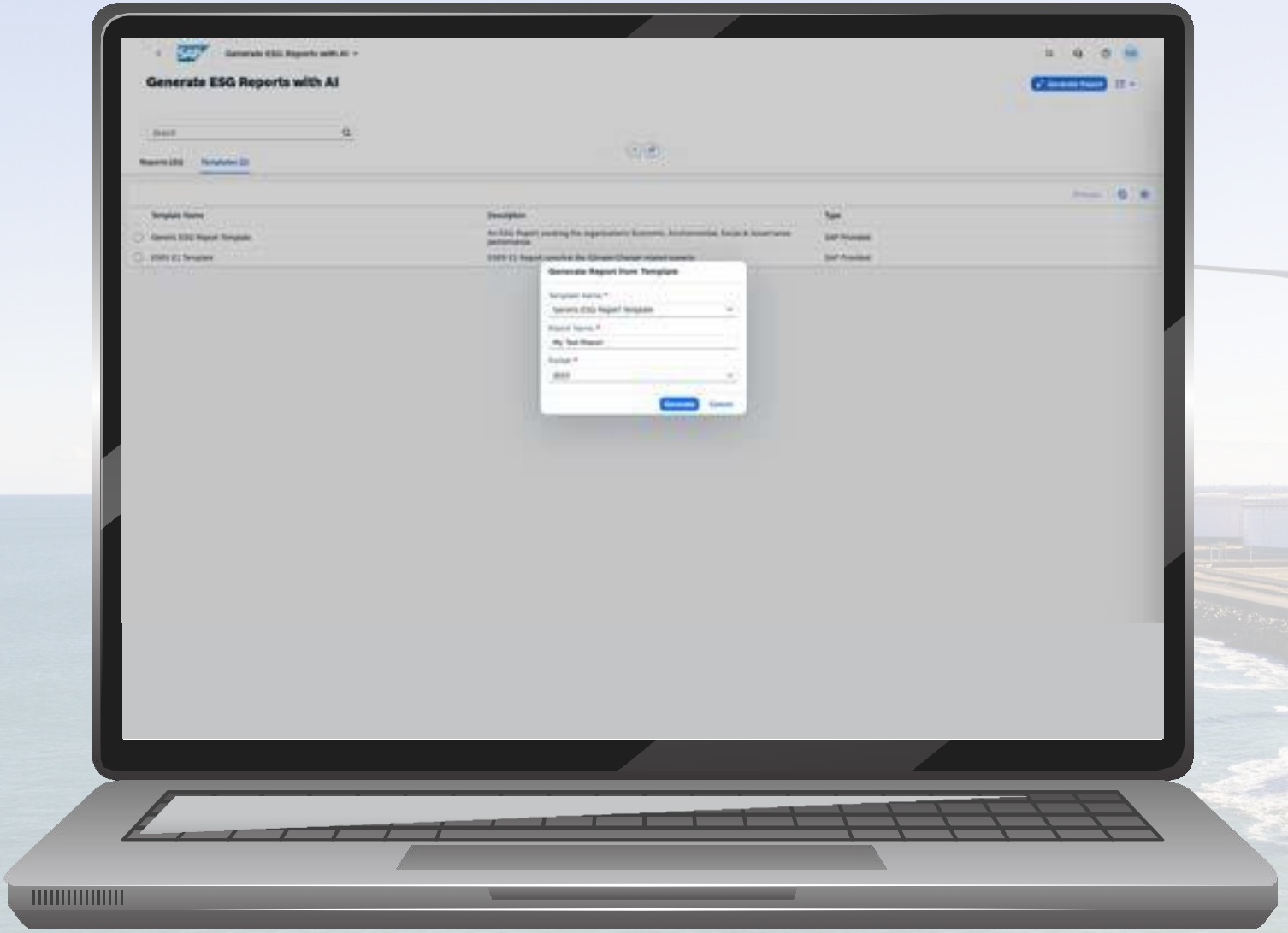
Reduce manual effort in repetitive mapping emission data.

Increase accuracy of emission factors mapping.

80%

reduction in manual effort and time of mapping emission factors to products

Generate ESG reports quickly and easily



Generate comprehensive sustainability reports with best practice templates, generative AI text, and metrics calculated in SAP Sustainability Control Tower.

Enhance efficiency to create a report, enabling sustainability functions to focus on execution and sustainability management.

98%

Reduction in time needed to collect relevant ESG metrics

80%

Reduction in time needed to create and draft a report

The Way Forward

Embed Sustainability Metrics into processes

- **Data transparency** – Capturing sustainability data at source
- **Operationalize the data** to integrate sustainability into operations and decisions
- Extend beyond organizational boundaries to cover scope 2 and 3 too.

Artificial Intelligence and Sustainability

- **Enabling AI for sustainability** by encouraging data sharing, ensuring affordable technology access, building awareness, and investing in talent
- Accelerating the deployment of AI for climate by defining public and private sector priorities, delivering on public sector use cases, and encouraging private sector action
- Promoting environmentally and socially responsible deployment of AI

Partnerships

- Governments as a leader – programs
- Private sector knowledge sharing
- PPP

Program enablers

- Integrated digital and sustainability policy prescriptions
- Green IT
- Skilling and capacity building
- Change management
- Innovation/R&D

Thank you

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