

Sustainability at Tata Steel

Business Ethics Leadership Alliance (“BELA”)

South Asia Chapter

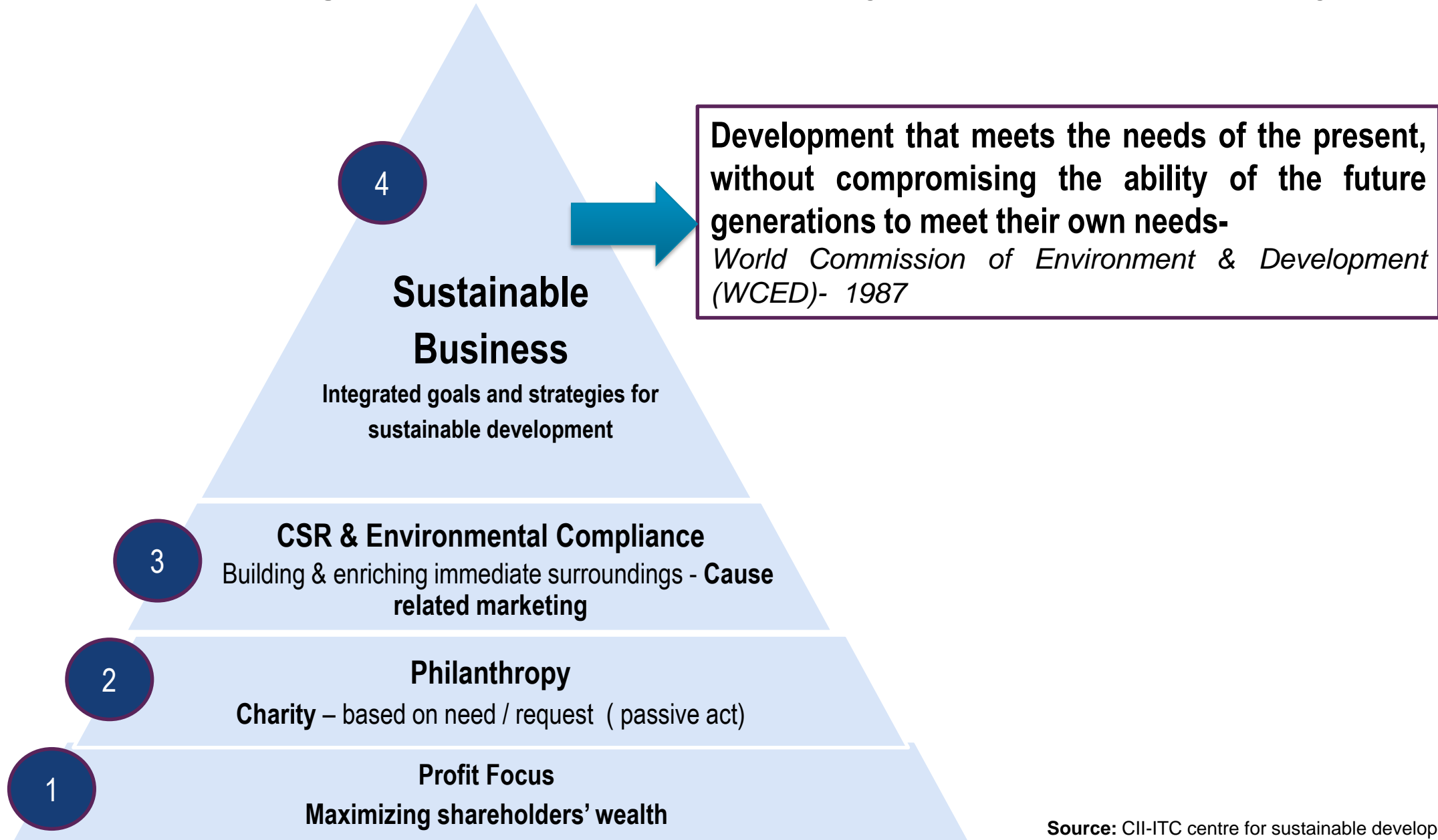
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Corporate Sustainability
Tata Steel Limited

June 06, 2019

Contents

- **Sustainability – Concept**
- Megatrends
- Sustainability at Tata Steel India

The understanding of Corporate Responsibility has evolved over the years



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Megatrends



Global population will continue to grow; reaching 11.2bn in 2100



By 2050, 6.7 billion people will be living in urban areas.



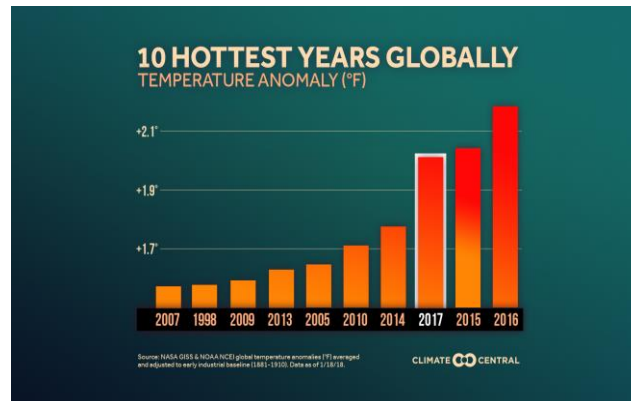
Top 1% hold more than 50% of the wealth



Climate change and resource scarcity



The world will have only 60% of water it needs by 2030; >2 bn people are living with reduced access to water.



2017 is the hottest year on record; The world has not seen such temperatures in 115,000 years



>90% of world's population is living in areas with air pollution levels exceeding WHO guidelines



By 2100, oceans will have more plastic than fish

2000-2015 - For the first time the world came together for sustainable development

Millennium Development Goals – the most successful global anti poverty movement in history



- Helped to uplift more than a billion people out of poverty
- Made inroads against hunger
- Enabled more girls to attend school
- Restored environmental damage
- Created new innovative partnerships

There were uneven achievements and learnings in MDGs

Gaps:

- Gender inequality persists
- Considerable data gap exists within the MDG performance indicators.
- Inadequate focus on growth or on improving productive capacity
- Millions of poor people still live in poverty and hunger, without access to basic services
- Big gaps exist between the poorest and richest households, and between rural and urban areas
- Climate change and environmental degradation is still a challenge
- Conflicts remain the biggest threat to human development

Learnings:

- Critical data for development decision making and policy making lacking
- Technology for data aggregation and analysis
- Integrated framework of indicators for measuring environmental, economic and social data
- Collaboration between governments, national and regional organizations, private sector and civil society

2015 – Sustainable Development Goals adopted by the world

An improvement on the Millennium Development Goals



- Target to tackle the world's most pressing social, economic and environmental challenges
- Developed by involving a wide range of sectors, including businesses
- Accountability of implementation to all sectors
- Time bound targets taken



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Tata Steel Context



“In a free enterprise, the community is not just another stakeholder in the business but the very purpose of its existence.”- Jamsetji Tata

VISION

We aspire to be the global steel industry benchmark for Value Creation and
Corporate Citizenship



Safety



Environment



**Occupational
Health**



Community

Tata Code of Conduct

Sustainability policy, Environment policy, Climate change policy, Biodiversity policy, Energy policy
 Health & Safety policy, HR policy, Social Accountability policy, CSR policy, Affirmative Action policy

Sustainability




SUSTAINABILITY POLICY

Tata Steel is committed towards Sustainable Development and growth as an integral part of its business philosophy. The company includes environmental and social considerations into all its strategic and operational decisions and believes that acting in a Sustainable manner is not only a business imperative, but also provides it with a competitive advantage in the long run. The company endeavours to :

- Uphold the Tata values in our relationship with stakeholders and consider them as partners in our growth and development.
- Engage with local community in the vicinity of our operations to improve the overall quality of their lives in areas like Education, Employability, Entrepreneurship, Health and Sanitation in line with community priorities. We will also support the preservation and promotion of indigenous cultures and values.
- Motivate our human resources for superior performance and innovation through skill development, and by providing them a safe, fair and challenging work environment.
- Commit to conserve natural resources and ecology by (a) striving to be a global industry leader in efficient management of natural resources, energy and wastes, and (b) minimizing the impact on the Ecology in our areas of operations.
- Promotes research and innovation, adopt cutting-edge technologies, green infrastructure, and clean energy wherever possible to :
- Develop and provide value added products and services to ensure customer delight
- Deploy safe and environment friendly processes for our products and services
- Ascertain and continually improve the safety and environmental efficiency of our customers and their products which uses our products and services.
- Continuously engage with our employees, partners in the supply chain and other stakeholders to build awareness on sustainability, identify opportunities and promotes adoption of Sustainable practices.
- Perform better than applicable legal requirements in the socio-economic and environmental areas.
- Measure and Report our Sustainability performance and initiatives to our stakeholders annually.

Date : November 1, 2013



TV Narendran
Managing Director

Released in : 2013

Key highlights

- Deploy safe and environment-friendly processes
- Motivate our human resources
- Commit to conserve natural resources and ecology
- Promote research and innovation
- Engage with local communities
- Develop and provide value-added products and services
- Engage with supply chain on sustainability
- Measurement and reporting of Sustainability performance

Sustainability Focus Areas in Tata Steel

Economic



- Business growth
- Long-term profitability
- Product quality, price, offerings and delivery

Environment



- CO₂ Emissions
- Water
- Sustainable mining
- Resource Efficiency
- Solid Waste Utilization

People



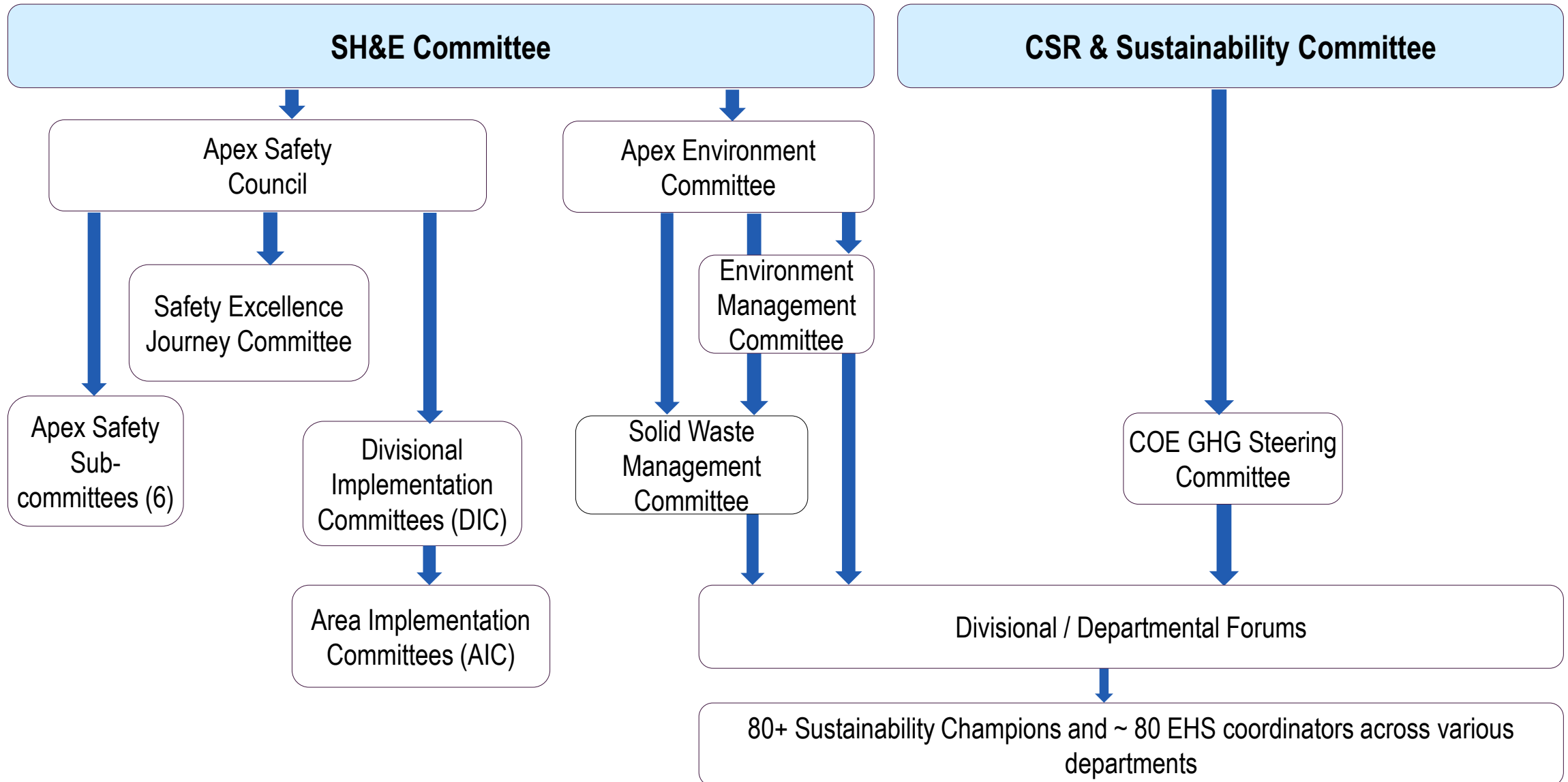
- Safety
- Health
- Human Rights
- Diversity & Inclusion

Community



- Health
- Education
- Livelihood

Sustainability Governance At Tata Steel



Tata Steel – A Responsible Growth Story



Tata Steel – A Responsible Growth Story

Large Blast Furnaces → Productivity, Energy Efficient



Pellet Plant → Low grade raw materials



LD3 & TSCR → Energy Efficient



Coal → Gas Fired Boiler



Waste Heat Recovery (CDQ, TRT, WHRS)



Effluent Treatment



Tata Steel – A Responsible Growth Story

**High-wall Mining-
West Bokaro**



Effluent Treatment Plant- Sukinda



**Vetiver Plantation-
FAMD**



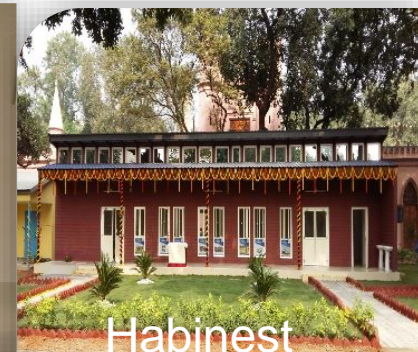
**Solar Plant –
Noamundi**



**Biodiversity Preservation
8 RM Locations**



Responsible Products



Tata Steel – A Responsible Growth Story



Safety



**People Friendly Policies;
Diversity and Inclusion**



Focus on Sports and Ethnicity



**Touching > 1 million lives
Health, Education, Livelihood**



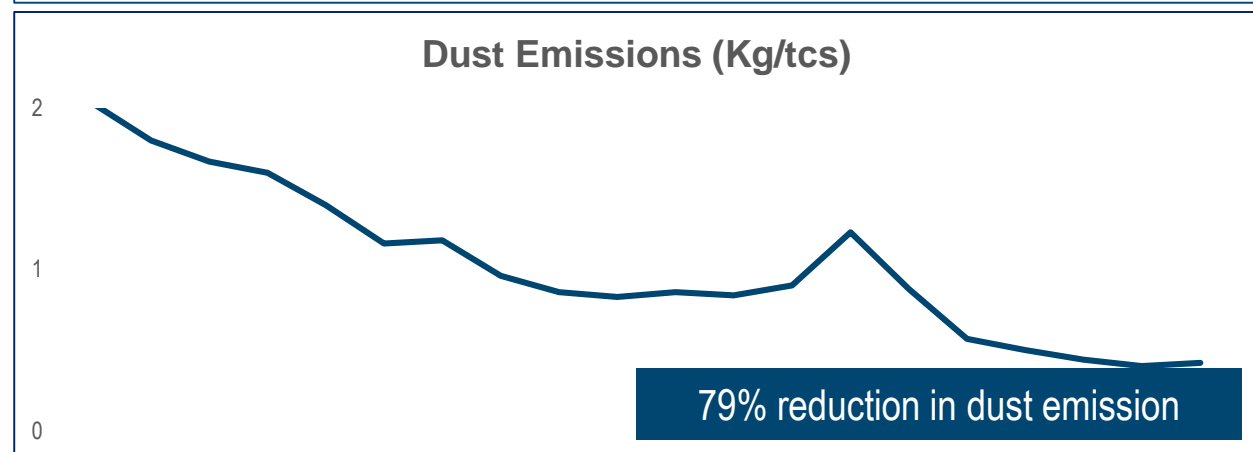
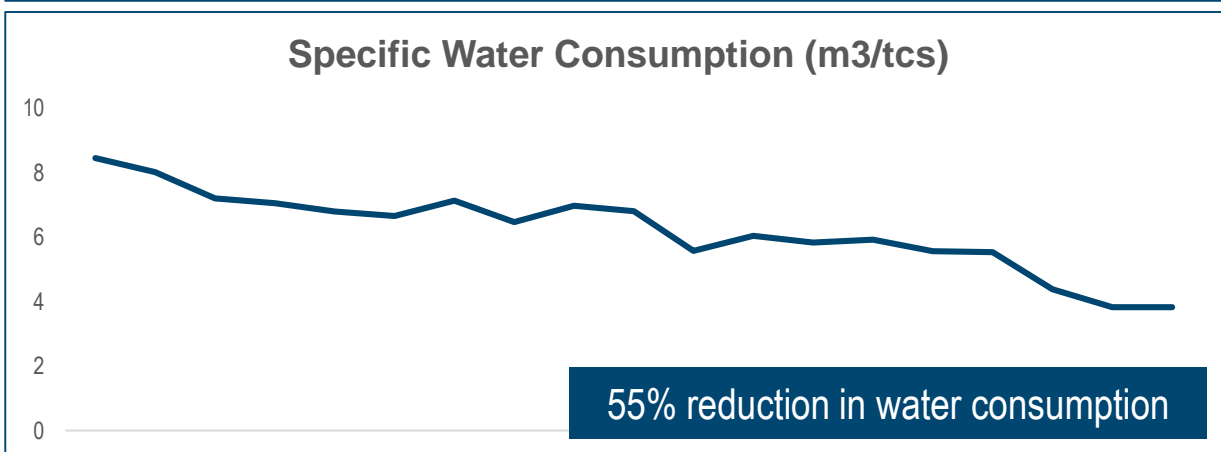
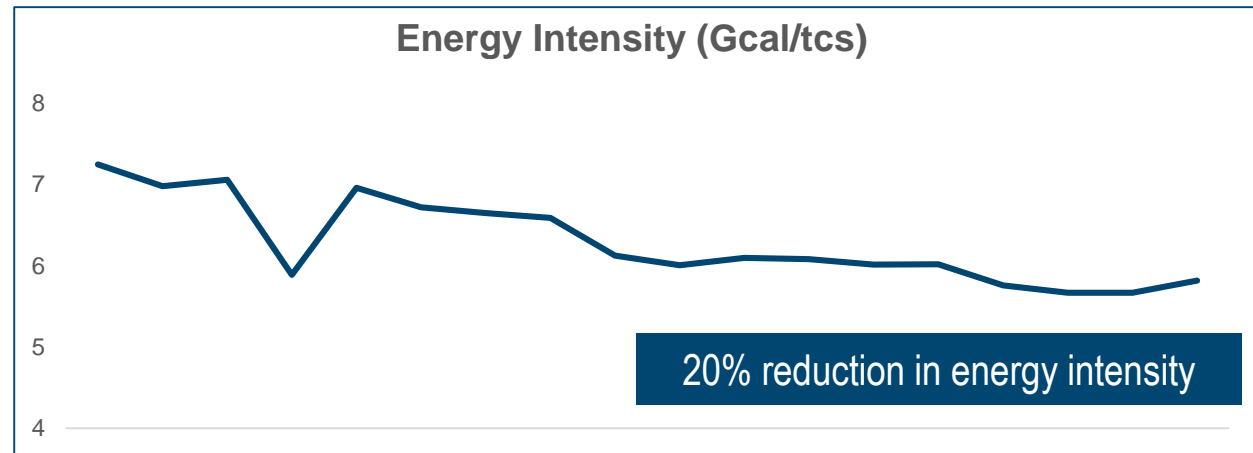
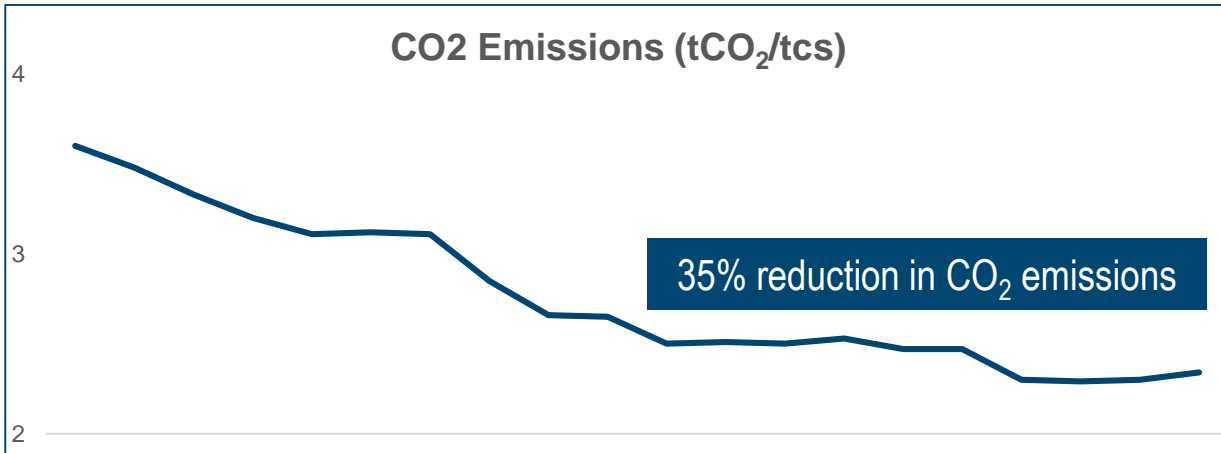
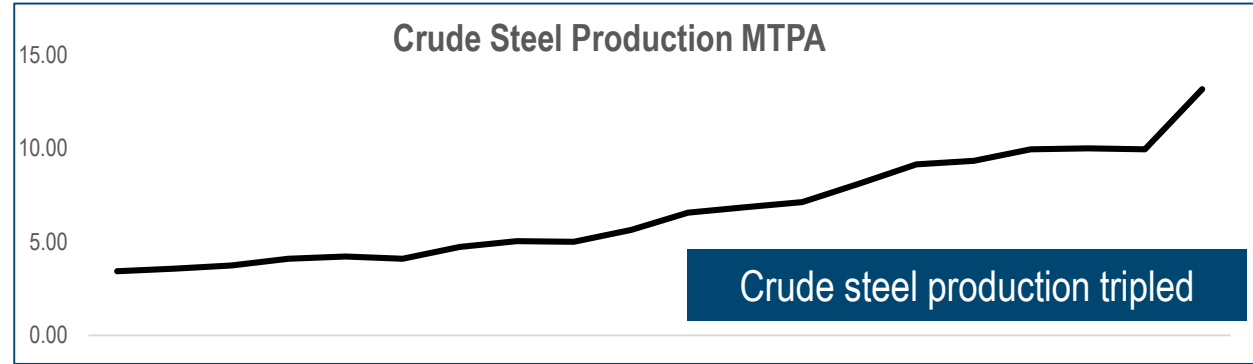
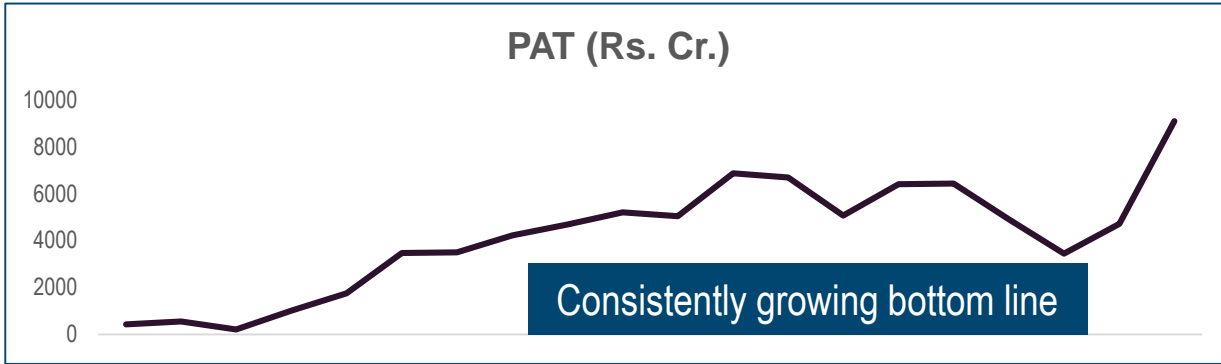
Partnerships



Transparent Disclosures

Data: FY00-FY19

Tata Steel India Growth Story: Past Two Decades



Recognitions and awards

- Tata Steel India recognized by **WSA** as one of the **six sustainability champions** across the world for 2017 and 2018
- Safety and Health Excellence recognition from World Steel Association
- Tata Steel retained **Industry Leader position and in the DJSI assessment 2018.**
- Industrial Water Project of the Year Award by Global Water Institute
- 'Company of the Year' at Global Slag Conference and Exhibition 2019 in Aachen, Germany for innovative applications of Slag
- 2018 PM Trophy for Best Integrated Steel Plant
- CII-ITC Biodiversity Excellence Award
- Tata Steel has received GreenPro certification from CII-GBC for its Tata Pravesh, Tata Tubes and Tata Structura brands, thus proving its sustainable manufacturing and performance
- UN Global Compact Network Initiative's Innovative Practices Award, for the Thousand Schools Programme



We are living **beyond our means**

Biocapacity consumed



1961
74%



1971
100%



6th NOV. 1985
118%



23rd AUG. 2012
155%



1st AUG. 2018
172%

Earth overshoot day

Thank You