



SUSTAINABILITY ROUND-UP

JULY – SEPTEMBER 2021



FROM THE GROUP CSO'S DESK



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Dear colleagues,

I am pleased to share the quarterly sustainability round-up. As we prepare to return to normalcy, we are now experimenting with a hybrid approach to our daily lives – virtual as well as physical. The last few months have been a testimony to this new approach. The Tata Volunteering Week 16, held in September, enabled employees and their family to contribute towards the well-being of communities and the environment. The month-long campaign brought together over 47,000 Tata volunteers who contributed more than 1,90,000 hours of voluntary service through a mix of digital and on-ground activities.

In our endeavour to stay at the cutting edge of developments in the ESG space, TSG curated a workshop on 'Business and Biodiversity' for Tata companies to provide a pragmatic approach to assess and manage the impact of businesses on biodiversity. Sixteen participating Tata companies will now be able to apply the learnings to their businesses to achieve global goals informed by science.

I hope you will enjoy reading this volume of the round-up, aimed at bringing to you, sustainability highlights from the Tata group and from across the globe.

Please feel free to write to us with your feedback at tatasustainabilitygroup@tata.com.

TATA NEWS

Tata Group Chairman, Mr. N. Chandrasekaran will be co-chairing the Climate Finance Leadership Initiative (CFLI) India - an industry-led initiative to unlock private capital to help finance India's low-carbon transition. The Initiative was announced following the India-UK 11th Economic and Financial Dialogue meeting (EFD) between the Government of India and Her Majesty's Government and the UN Special Envoy Michael R. Bloomberg and aims to support India's ambitious plans to deliver inclusive, resilient, and sustainable infrastructure and services. [READ MORE>](#)

TATA MOTORS' THRUST ON EV

Following the stupendous success of the Nexon EV, which today commands a nearly 70 percent share in the burgeoning Indian EV market, **Tata Motors has revealed its second EV offering for the personal segment, the all-new Tigor EV**. Powered by its well-proven, state-of-the-art, high-voltage electric architecture, Ziptron, the Tigor EV has been developed based on the three pillars of technology, comfort and safety. [READ MORE>](#)

The company expects electric vehicles to account for 25% of its sales in India by 2026. [READ MORE>](#)

TPG Rise Climate, the dedicated climate investing strategy of private investment firm TPG, along with its co-investor ADQ, is going **to invest Rs 7,500 crore in Tata Motors' EV arm at \$9.1-Bn valuation.** [READ MORE>](#)

Tata Power is set to reduce emissions in alignment with Science Based Targets initiative. The company's commitment has been accepted by SBTi and published under the 'companies taking action' category. SBTi is a

partnership between CDP, UN Global Compact, World Resources Institute, WWF and We Mean Business Coalition to drive climate action in the private sector. [READ MORE>](#)

Lodha has tied-up with Tata Power for EV charging infrastructure across its developments. The partnership will provide end-to-end EV charging solutions across Lodha's residential and commercial projects across Mumbai Metropolitan Region (MMR) and Pune. [READ MORE>](#)

Tata Power-DDL joined hands with AutoGrid to deploy AI-enabled smart energy management system. The company has launched a unique incentive-linked behavioural demand response programme to support effective utilisation of smart meters and reduce network management cost. The pilot project will understand consumer behaviour and acceptability of demand response programmes. [READ MORE>](#)

Tata Steel's Koushik Chatterjee has joined the Taskforce on Nature-related Financial Disclosures (TNFD) to tackle nature-related risks. The 30 taskforce members have been selected for their sector and geographical coverage and their individual subject-matter expertise across nature and finance and will work with TNFD co-chairs to deliver the framework in the next two years. [READ MORE>](#)
Tata Sustainability Group has joined the TNFD Forum.

Tata Steel has commissioned India's first plant for CO₂ capture from Blast Furnace gas at Jamshedpur. The 5 tonnes per day carbon capture plant is first-of-its-kind in India and the world within the steel industry to adopt carbon capture technology that extracts CO₂ directly from the Blast Furnace gas. Tata Steel will reuse the captured CO₂ on site to promote the circular carbon economy. [READ MORE>](#)

TATA STEEL'S INITIATIVES ON SUPPLY CHAIN SUSTAINABILITY

In line with its sustainability objective of reducing greenhouse gas emissions in the supply chain, **Tata Steel has become the first steel producer in the world to join the Sea Cargo Charter to reduce Scope 3 greenhouse gas emissions in ocean trade.** [READ MORE>](#)

The company also signed an MoU with Mitsui O.S.K. Lines (MOL), a global marine transport group to develop and deploy environment- friendly shipping solutions such as the 'Wind Challenger', a hard sail, which would reduce emissions by harnessing wind energy. [READ MORE>](#)

Tata Steel has deployed electric vehicles for transportation of finished steel in the country. The first batch of electric vehicles (EVs) has been flagged off at the company's Pilkhuwa stockyard in Uttar Pradesh. The company plans to deploy 27 EVs, resulting in GHG footprint reduction by ~3,500 tCO_{2e} every year. [READ MORE>](#)

Tata Motors and the Wrestling Federation of India (WFI) have strengthened their partnership by announcing the '**Quest for Gold at Paris Olympics 2024**', a holistic development programme with the objective of winning the Gold medal in Paris. As part of this initiative, the WFI, with the support from Tata Motors, will focus on growth, progress and advancement of male and female wrestlers, across age groups, by providing access to the right infrastructure, platform, opportunities and security. [READ MORE>](#)

Empowering the residents of North Delhi's JJ clusters, **Tata Power-DDL announced the launch of 'Naya Connection Sahayata Kendra'.** With this launch, the company has further reiterated its belief of giving back to the society by working towards empowering the impoverished sections and enriching the quality of life of the communities it operates in. [READ MORE>](#)

Tata Steel Foundation and TERI initiated Phase IV of the Green School project which will be extended to Sukinda. Additionally, a new Green School Buddy Programme has been designed to encourage teachers to become peer planners for project. The Green School project launched in 2017 aims to help students across Tata Steel's operational areas in Jharkhand and Odisha improve their critical, interdisciplinary and holistic thinking. [READ MORE>](#)

The Tata group celebrated Tata Volunteering Week 16 from 5th September to 7th October. More than 47,000 volunteers contributed their time, effort and expertise to causes ranging from women empowerment, mentoring and counselling the youth, COVID awareness and precautionary measures, ecological conservation to creating access to education and more. **Volunteers clocked more than 1,90,000 hours, reaching out to over 1,00,000 beneficiaries** through 3,300+ volunteering activities conducted by 35 Tata companies across 100+ cities. [READ MORE>](#)

Tata Sustainability Group conducted a two-day **workshop on 'Business and Biodiversity'** in collaboration with The Biodiversity Consultancy (TBC), a UK based specialised consultancy on biodiversity and co-host of the biodiversity hub

of the science-based target network (SBTN). The workshop was designed to explain the relationship between business and biodiversity and to provide a pragmatic approach that assesses and manages the impact of businesses on biodiversity to achieve science informed global goals. The capacity building workshop was attended by 36 Sustainability Heads & Biodiversity Managers from 16 Tata companies and will act as the first critical step towards creating a common strategic approach to biodiversity for Tata companies.

RECOGNITION

Tata Steel Foundation won the BRICS Solutions for SDGs Award 2021 for its MANSI programme



Maternal and Newborn Survival Initiative (MANSI) was declared as the winner in SDG 3: Good Health and Well Being category.

[READ MORE>](#)

Tata Group ranked 1st in AsiaPacific in the 2021 Sustainability Leaders Survey by GlobeScan

REPORT

GlobeScan / SustainAbility Survey

2021 Sustainability Leaders



The group shared the leading position with City Developments Limited and is ahead of companies like Swire, Mahindra, and Toyota.

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NEWS FROM AROUND THE WORLD

Japan-born US citizen Syukuro Manabe and Germany's Klaus Hasselmann won the Nobel Prize in Physics for their work in 'the **physical modelling of Earth's climate**, quantifying variability and reliably predicting global warming'. Their work laid the foundation of our knowledge of the Earth's climate and how humanity influences it. [READ MORE>](#)

Mercedes-Benz has teamed up with Swedish steelmaker SSAB to explore fossil fuel-free steel for cars. [READ MORE>](#)

Volvo too plans to begin manufacturing its cars with fossil-free steel by 2026 with support from SSAB. [READ MORE>](#)

Reshaping carbon waste into fabric - Using CO₂ as a feedstock to create products and partnering with athletic apparel company **Lululemon, LanzaTech** is creating yarn and fabric using recycled carbon emissions. [READ MORE>](#)

Why Microsoft uses the term 'net zero' carefully - Microsoft's dilemma underscores the very real challenge that companies face as they move to deliver on net zero commitments – distinguishing schemes that focus on 'carbon removal' from those that promise 'avoided emissions'. [READ MORE>](#)

HP Inc. is using sustainability to drive commercial sales of more than \$1 billion each year through commercial business tied directly to ESG considerations. [FIND OUT HOW>](#)

Airbnb now lets you search for accommodations with EV chargers. [READ MORE>](#)

When Tesla Says It Recycles 100% of Its Batteries, What Does That Mean? In its 2020 impact report, the electric vehicle giant described its adoption of a 'closed-loop' process that would allow it to keep 100 percent of its batteries out of the landfill. [READ MORE>](#)

Want to get serious on net zero? Look to the start-ups - Start-ups are often a critical resource for big corporations. They inspire new ideas, de-risk cutting edge projects, and sell products and services that help corporate customers to solve their most pressing challenges. [READ MORE>](#)

What the IPCC report means for corporate boards - The Intergovernmental Panel on Climate Change's latest report makes it completely clear that this will not be considered an unusual year when it comes to floods, fires, drought and all the other natural catastrophes. [READ MORE>](#)

McKinsey Insights: Organizing for sustainability success - Organizational structures designed to treat sustainability as a material business issue. [READ MORE>](#)

When it comes to buying sustainable products, how to close consumers' intention-action gap. Consumers say they want more sustainable products, yet they don't consistently buy them. Why? [READ MORE>](#)

The Understanding Packaging (UP) Scorecard is a new, first-of-its kind tool that measures commonly used food ware and food packaging materials with a single yardstick to provide companies with the information needed to make sustainable purchasing decisions. The UP Scorecard, currently in beta version, was created by the Single-Use Material (SUM) Decelerator, a new collaboration of representatives from leading food service companies and environmental NGOs, including EDF. [TAKE A PEEK AT THE TOOL>](#)

DEVELOPMENTS IN INDIA

India Makes Clean Energy Commitments at UN Summit: India, at the first leader-level meeting on energy under the UN General Assembly in 40 years, held on 25th September 2021, has made commitments to increase renewable energy installed capacity to 450 GW by 2030 and to develop a National Hydrogen Energy Mission to scale up annual green hydrogen production to 1 MT by 2030. It also announced to begin a Production Linked Incentive (PLI) Scheme to add 10 GW solar PV manufacturing capacity by 2025. India plans to reduce its emissions intensity of GDP by 33-35% over 2005 levels by 2030. [READ MORE>](#)

Kerala to Kick-Start India's Ambitious Green Hydrogen Mission: India's aggressive push for hydrogen energy will see its commencement from the state of Kerala as it has initiated talks with leading energy companies, such as Indian Oil, NTPC, GAIL, Bharat Petroleum, and Air Products, for producing green hydrogen from Cochin International Airport's (CIAL's) solar power facility. Kerala has already drafted a road map to push hydrogen manufacturing in the state and has initiated discussions with fuel cell makers like Ballard Power Systems Inc. and HyGen. The hydrogen produced from CIAL will be used to run Kochi Metro's feeder buses. [READ MORE>](#)

WHAT ARE WE WATCHING



National Geographic's new documentary 'Evolve to Electric with Tata Motors', brings forth Tata Motors' efforts to revolutionize the EV Industry

The exclusive documentary premiered on September 18th, 2021 on National Geographic establishes the dire need and evolution of EVs and delves deeper into the genesis of Tata Nexon EV.

[Watch the trailer here](#)



Tata Tea Premium, 'Desh Ki Chai', celebrates the rich cultural diversity of India

The handicraft sector has been one of the key sources of employment for the Indian artisan community, who have been severely impact during these times. Tata Tea Premium launches 'Desh ka Kulhad' collection to celebrate the rich diversity of India.

[Watch the video here](#)

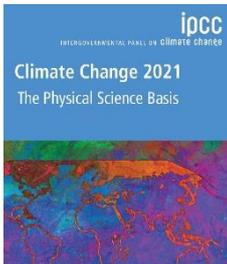


Amplify the power in your hand – The Tata Engage Volunteering App is now LIVE

The Tata Engage Volunteering App amplifies the power to change the world. The newly-launched App enables volunteers to set their volunteering goals, find and curate their own exciting activities and mobilize volunteers at any given time.

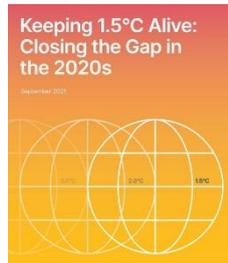
[Learn more about the app here](#)

RESOURCES



AR6 Climate Change 2021: The Physical Science Basis

[READ HERE>](#)



Keeping 1.5°C Alive: Actions for the 2020s – A Report by ETC

[READ HERE>](#)



Technology as a Catalyst for Empowering Communities - A TCS Report

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Welcome Back to Work – By Tata CliQ



Image courtesy: Mr. Vikas Purohit

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Wishing you a
Happy Festive Season



From Team Tata Sustainability Group

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