



# SUSTAINABILITY ROUND-UP

OCT – DEC 2021



## FROM THE GROUP CSO'S DESK



**Siddharth Sharma**  
Group Chief Sustainability Officer,  
Tata Sons Private Limited

Dear colleagues,

On behalf of the Tata Sustainability Group, let me wish each one of you a very happy, healthy and prosperous 2022! I am pleased to share the sustainability round-up of the last quarter of 2021. As we step into a new year with renewed hope, let's not forget the uncertainty within which we are aiming to return to normalcy and the task cut out for us. The highlight of the last quarter was of course, COP26, which focuses on many of these uncertainties. Post the COP, Tata Sustainability Group organized a special session on '[Implications of COP26 for business](#)' which articulated six key takeaways for businesses, and I hope you found it useful!

In December, we also launched the 15<sup>th</sup> edition of ProEngage, our part-time, skill-based volunteering program for Tata employees and their families and retired Tata colleagues. We received a record mark of 1,400 applications - the highest ever - from Tata volunteers who have shown interest in assisting NGOs in accelerating change. What better way to start the new year!

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](mailto:tatasustainabilitygroup@tata.com).

## COP26 HIGHLIGHTS

01-12 NOV 2021  
GLASGOW

# COP26

IN PARTNERSHIP WITH ITALY



**COP26 targets of India explained.** At the 26<sup>th</sup> Conference of Parties (CoP26), Indian Prime Minister Narendra Modi declared a five-fold strategy — termed as the **Panchamrita**. [KNOW MORE>](#)

**More than 100 leaders, representing over 85% of the world's forests, make a pledge to end deforestation by 2030** at COP26. The pledge is backed by almost £14 billion (\$19.2 billion) in public and private funding. [READ MORE>](#)

The **United States and European Union launches the Global Methane Pledge**, an initiative to reduce global methane emissions to keep the goal of limiting warming to 1.5 degrees Celsius within reach. [READ MORE >](#)

**Forty countries agree to phase out coal-fired power** by 2040. [READ MORE >](#)

**Twenty-five countries and five financial institutions commit to end new direct public support for the international unabated fossil fuel energy sector** by the end of 2022. [READ MORE >](#)

**Through the Glasgow Financial Alliance for Net Zero (GFANZ), over \$130 trillion of private capital was committed to transforming the economy for net zero.** These commitments, from over 450 firms across 45 countries, can deliver the estimated \$100 trillion of finance needed for net zero over the next three decades. [READ MORE >](#)

**The International Financial Reporting Standard (IFRS) Foundation announced the formation of a new International Sustainability Standards Board (ISSB)**, a comprehensive global baseline of high-quality sustainability disclosure standards to meet investors' information needs. The foundation will further complete the consolidation with the Climate Disclosure Standards Board (CDSB) and the Value Reporting Foundation (VRF) by June 2022. [READ MORE >](#)

**13 big deals that made COP26 the 'Business COP'** [READ HERE>](#)

**What the passage of Article 6 means for carbon markets:** The guidelines create rules for the international transfers of carbon credits, a move intended to create more trust in the growing carbon market. [READ MORE>](#)

## TATA NEWS

### TATA STEEL

**Tata Steel deployed its first bio-fuel powered ship for imported raw material transportation** - The bulk carrier named Frontier Sky, owned by NYK and operated by Tata NYK Shipping Pte. Ltd, has successfully completed trial use of biofuel to transport a cargo of ~1,60,000 tonnes of coal transported from Gladstone, Australia to Dhamra, India. [READ MORE>](#)

**Tata Steel's West Bokaro Division onboarded transgenders in core mining operations** - As part of its sustained efforts to enable a diverse and inclusive culture, Tata Steel's West Bokaro Division has onboarded 14 transgenders as heavy earth moving machinery (HEMM) operators at its mines. [READ MORE>](#)

## TATA POWER

Tata Power achieved a milestone of over 1,000 EV charging stations across the country. [READ MORE>](#)

Tata Power has signed an MoU with TVS Motor Company to collaborate on electric two-wheeler charging eco-system in India. [READ MORE>](#)

Tata Power Solar is going to set up India's largest solar and battery storage project – a 100 MW solar plant along with 120 MWh battery energy storage system for Solar Energy Corporation of India Ltd at Chattisgarh. [READ MORE>](#)

Jaguar Land Rover trials world-first digital supply chain for leather using blockchain technology - Jaguar Land Rover has trialled the use of secure blockchain technology to ensure full transparency within a sustainable leather supply chain. The tracking compliance and digital process enabled them to assess the carbon footprint of its leather supply network, working with UK-based Bridge of Weir Leather Company to trace its lowest carbon leather from farm to finished article. [READ MORE>](#)

## ONE-TATA DISASTER RESPONSE HIGHLIGHTS



**Classrooms and lab complex begin operations at Government Higher Secondary School, Vellathooval, under Tata Kerala Floods Response Program** - During the 2018 floods in Kerala, Tata Group pledged financial resources to support relief operations in the rescue and emergency response phase, followed by a rehabilitation. [READ MORE>](#)



**Tata group handed over rebuilt Shree Janajyoti Basic School at Sindhupalchowk devastated in Nepal earthquake** – As part of the Nepal Earthquake Response Programme, a reconstructed building, which had been badly damaged in the earthquake, was handed over to Shree Janajyoti Basic School in Pani Chaur, Chautara Sangachowkgadi Municipality-11, Sindhupalchowk, Nepal. [READ MORE>](#)



**Tata Volunteering Week 16 clocks 190,000 hours!** More than 47,000 volunteers contributed their time, efforts and expertise to various social causes. The volunteers clocked more than 190,000 hours, reaching out to over 100,000 beneficiaries. More than 3,300 volunteering activities were conducted by 35 Tata companies across 100+ cities to support non-profits, orphanages, local self-governments, schools, hospitals, villages and communities. [READ MORE>](#)

## RECOGNITION



**Tata Steel featured amongst top 10 steel makers in Dow Jones Sustainability Indices Corporate Sustainability Assessment 2021**

[READ MORE>](#)



**Tata Steel Europe won 'Excellence in Sustainability' award at the 12<sup>th</sup> annual Steelie Awards by World Steel Association**

[READ MORE>](#)



## Tata Steel bagged the 'Gold' employer title in India Workplace Equality Index (IWEI) 2021

[READ MORE>](#)



## Tata Coffee bagged FICCI Sustainable Agriculture Award 2021 for its soil and water conservation initiatives

[READ MORE>](#)

### NEWS FROM AROUND THE WORLD

**Prices for carbon offsetting could reach highs of up to \$120 per tonne by 2050**, up from between \$2 and \$3 in 2021 – BloombergNEF. Corporates may want to assess how heavily their net-zero strategy relies on offsets, and re-focus on emissions reduction. [READ MORE>](#)

**LanzaTech and Zara debuted a collection made from recycled carbon emissions.** [READ MORE>](#)

**Spanish utility Iberdrola has built a massive green hydrogen plant in partnership with H2 Green Steel** with the aim of producing lower carbon steel. The annual electrolysis capacity is projected at 1 gigawatt, triple what's currently available worldwide. [READ MORE>](#)

**Ohmium, through its Indian subsidiary, shipped its first electrolyzer from India to the US**, a significant step towards the realisation of Prime Minister Modi's National Hydrogen Mission. The electrolyzer has been manufactured by Ohmium at its Bangalore plant, which was set up to ensure the availability of end-to-end solutions within the country and reduce dependency on imports for this key equipment. Ohmium's India-based gigafactory manufactures modular-interlocking proton exchange. The company's factory at present has a manufacturing capacity of about 0.5 GW per year and will be expanded to 2 GW per year. [READ MORE>](#)

**Infrastructure tech company ABB launched what it calls the world's fastest EV charger**, reducing the time to 'fill' a car to just 15 minutes from the couple of hours typically required. [READ MORE>](#)

Fourteen materials make up 90 % of Apple's total product mass. The company will shift how these materials are sourced and processed as **a step towards Apple's product goal of 100 percent recycled or renewable content.** [READ MORE>](#)

**Proceeds from Walmart's inaugural \$2 Billion Green Bond Issuance will be allocated toward a portfolio of eligible green investments** in support of the company's sustainability goals. [READ MORE>](#)

**And then there were 100 - that's the number of carbon capture, utilization and storage projects officially announced worldwide.** If delivered, they'll quadruple the global removal capacity. [READ MORE>](#)

**The 33 sustainability certifications you need to know** - Know more about 30 certifications that will help you understand the landscape of professional certifications in sustainability. [READ MORE>](#)

### A LIFT FOR SUSTAINABLE AVIATION



In September 2021, **Aemetis signed an offtake agreement with Delta Airlines for 250 million gallons of Sustainable Aviation Fuel** to be delivered over the 10-year term of the agreement. [READ MORE >](#)

One day before Delta's September proclamation, **JetBlue announced an estimated \$1 billion agreement with SG Preston, a bioenergy developer, to bring the largest-ever supply of SAF to New York airports for commercial flights.** The deal marked JetBlue's largest single jet fuel contract to date. The agreement, according to JetBlue CEO Robin Hayes, puts JetBlue ahead of schedule in meeting a 10 percent SAF goal by 2030. [READ MORE >](#)

**United Airlines earlier in September signed up to buy 1.5 billion gallons of SAF over 20 years** — billed as the biggest SAF agreement in history — in a deal with Honeywell and cleantech company Alder Fuels. [READ MORE >](#)

Aside from their individual efforts, these airlines and others are flying in formation to support the SAF cause: **Alongside 30 aviation leaders, Delta and United joined Mission Possible Partnership in an initiative that lays out an ambitious pathway for phasing out fossil jet fuel by 2050. The goal is to reach 10 percent SAF by 2030** — a target that requires an estimated \$300 billion annual investment, according to the coalition. [READ MORE >](#)

## RESOURCES

State  
of Green  
Business  
2021

**The 2021 State of Green Business**

[READ HERE >](#)



**Next-Gen Materials: A report by Material Innovations Initiative**

[READ HERE >](#)



**How the circular economy tackles biodiversity loss: An Ellen McArthur Foundation Report**

[READ HERE >](#)



## India CSR Outlook Report 2021

[READ HERE>](#)



## Hydrogen for Net-Zero: By the Hydrogen Council and McKinsey

[READ HERE>](#)



## India and Sustainable Aviation Fuel: A report from World Economic Forum & McKinsey

[READ HERE>](#)



**Reporting Matters 2021:** How reporting is used to shape and communicate the contribution by businesses to the world's shared sustainability goals.

**Don't miss Tata Group CSO, Mr. Siddharth Sharma's interview highlighting the Tata approach to driving sustainability within the Group.**

[READ HERE](#)

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