

SUSTAINABILITY NEWSLETTER

Monthly update about sustainability-related developments across the globe
(16 Jan-15 Feb 2022)

National Governments' Announcements



UAE
Government launched 'Big Data for Sustainable Development' platform as part of an initiative focusing on the needs of MENA region

US



Department of Energy (DOE) announced \$175 million for 68 creative clean energy technology R&D projects



Wales
Government insists on including £8.1 billion funding for investment in green infrastructure by 2025

UK



Government invested £3.7 million to reduce air travel emissions under the 'Build Back Better' initiative in redesigning the airside operations to be greener, faster, quieter, and more reliable



China
Cuts oil products export with the focus to cut down emissions while revamping its refining industry

Sustainability-linked Acquisitions and Investments



Acquired 100% stake in



Rationale

To enhance its expertise in helping clients address climate change and strengthen US market leadership in end-to-end climate finance and environmental services



Acquired 100% stake in



Rationale

To expand its geographic footprint across the US and Canada and provide vertical integration capabilities for its environmental solutions business



Acquired 75% stake in



Rationale

To further its commitment towards e-personal mobility products



Acquired 100% stake in



Rationale

To solidify its position as a global leader in clean energy intelligence and optimization software, adding 32.85 GW of solar assets under management in more than 50 countries



Acquired 100% stake in



Rationale

To diversify its exposure to growing and resilient end-markets of sustainable packaging

Key News

14 - FEB - 2022 : MARINE

Scotland is expected to have 2 new green freeports as a collaboration of UK and Scottish governments with focus on net zero carbon emissions

- UK and Scottish governments plan to collaboratively build two 'green freeports' in Scotland, to support the regeneration of communities across Scotland and bring jobs to the region
- The green freeports are expected to be built with net-zero targets, where any sea/air/rail port can apply as part of a consortium with other businesses, council, and/or other public bodies
- The bidding process is expected to begin in Spring 2022, with the potential bidders having to make and achieve net zero carbon emissions target pledges by 2045

09 - FEB - 2022 : HOSPITALITY

Alohilani Resort Waikiki Beach is the first resort in Hawaii to announce carbon neutrality target, planning to achieve it by 2060

- Alohilani Resort Waikiki Beach, based in Hawaii, announced its target to achieve PAS 2060 carbon neutral certification, partnering with the Hawaiian Legacy Reforestation Initiative (HLRI) and Legacy Carbon LLC to help offset the carbon footprint of the resort
- The hotel has become the first in Hawaii to pledge upon carbon neutrality commitment, with the step aligning with its existing sustainability initiatives, including commitment to plant 100,000 indigenous trees in its Legacy Forest
- The Resort had also pledged to use renewable electricity throughout the hotel premises, providing the visitors a carbon-neutral experience so they can enjoy their trip while also having the peace of helping the environment

02 - FEB - 2022 : AVIATION

JetBlue partners with Salesforce to provide its sustainable travel partners with their emissions travel data

- JetBlue Airways, a major American low cost airline, partners with Salesforce to use its Net Zero Cloud capabilities to provide emissions travel data to the airline's sustainable travel partners, where they can understand and take action to help reduce their business travel emissions
- The Airways is using the Salesforce tools to frequently track, analyze, and report significant environmental data relating to its flights so that travelers can attain their corporate sustainability targets
- JetBlue joined Salesforce's list of client portfolio including Crowley Maritime, Cliff Bar & Company, Geis Logistics, and XERO, etc., becoming the tech giant's Net Zero Cloud's first aviation partner

27 - JAN - 2022 : ENERGY, CONSTRUCTION

McDermott introduced a tool to evaluate carbon footprint estimates for carbon-conscious energy companies

- McDermott International, a global provider of engineering and construction solutions, launched ArborXD™, a web-based tool that provides data collection, estimation and reporting on the carbon impact of energy facilities throughout the construction phase
- The tool supports carbon-conscious decision making for energy customers who are targeting to achieve net-zero operations
- The tool is applied throughout the energy project life cycle to provide users access to footprint estimates, cost analyses, ways to emission reduction and environmental impact evaluation

26 - JAN - 2022 : MINING, OEM

Teck Resources has chosen Caterpillar Inc. to provide it with a fleet of 30 zero-emission mining haul trucks as part of company's net-zero target

- Teck Resources, a diversified natural resources company, collaborated with Caterpillar Inc., a construction OEM giant, to deploy 30 of Caterpillar's zero-emissions large haul trucks at Teck's mining operations, as a step towards decarbonizing Teck's vehicle fleet
- The step perfectly aligns with company's goals to reduce the carbon intensity of its operations by 33% by 2030 and become a carbon-neutral company by 2050
- The collaboration is expected to progress over the years with phases including early development, piloting and deployment of 30 Caterpillar zero-emission vehicles, including Cat 794 ultra-class trucks starting 2027

25 - JAN - 2022 : FASHION

Multiple companies from the Fashion Industry have come together under a sustainability drive, led by Adidas, to reduce water and carbon footprint of textiles

- Led by Adidas and joined by fashion firms like Kering, PVH Corp, Arvind Limited and Welspun India, Fashion for Good is a sustainability initiative, where the companies will try 'dry processing' technologies to help reduce the environmental impact of pre-treatment and coloration of textile materials
- The companies will work on fixing issues with the processes that materials like cotton, polyester, blends, denim and wool undergo, releasing large amounts of toxins into the water, that are responsible for ~52% of emissions in the fashion supply chain
- The method of 'dry processing' is believed to use less energy and zero- to minimal-water during materials processing and is expected to work well in reduction of overall environmental impact of the textiles industry

20 - JAN - 2022 : ENERGY, OIL AND GAS

Chevron Corp plans to utilize the manure from its cattle in a newly built 'Anaerobic Digester Plant' that can help generate sustainable benefits

- Chevron, an American multinational energy corporation, plans to build an anaerobic digestion project at Vlot Calf Ranch in Chowchilla, California, to capture, clean, and convert methane from manure into renewable natural gas (RNG)
- The project, that is expected to complete in 2023, is a joint venture between Brightmark RNG Holdings and Chevron, and is anticipated to transform the gases on the Vlot Calf Ranch and dairy farm that would otherwise escape into the atmosphere
- The plant is part of company's initiative of providing environmental benefits to its farm and surroundings

18 - JAN - 2022 : OEM, AUTOMOTIVE

Cummins becomes part of the hydrogen-blending project to help balance Ontario's electricity supply and demand by reducing the carbon footprint of delivered natural gas

- Cummins Inc., the America-based Power OEM, partnered with Enbridge Gas Inc., Canada's largest natural gas storage, transmission and distribution company, on industry's first hydrogen-blending project with support from Sustainable Development Technology Canada, the Canadian Gas Association and the NGIF Capital Corporation
- The \$5.2 million pilot project aims at reducing the carbon footprint of delivered natural gas, enhancing the existing Markham Power-to-Gas facility in Markham, Ontario>The project is expected to eliminate up to 117 tons of carbon dioxide (CO2) emissions every year, enabling lower carbon natural gas service delivery without impacting energy costs, reliability or safety