UK Government

Azadi Ka Amrit Mahotsav

FICCI

CLEAN GROWTH SUMMIT 2023

MARCH 31, 2023 | 10 am - 05 pm | ITC Grand Central, Parel, Mumbai

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List of UK Delegation Members

Sector: SUSTAINABLE INFRASTRUCTURE	
LOKUS ENERGY	**Lokus Energy (Waste to Energy)** www.lokus.co.uk
Lokus Energy Ltd is an engineering company based in the United Kingdom, involved in the design, manufacturing and supply of robust environmental technologies. Since 2014 they have been working extensively on an advanced Pyrolysis technology which will ultimately provide solutions for both waste processing and the production of sustainable green fuels for the future.	
WHITE HORSE ENERGY	**White Horse Energy (Waste to Value)** www.whitehorseenergy.co.uk
Established in 2009, White Horse Energy initially supplied wood pellets into the horse bedding market. Since then, it has moved into the biomass fuel sector and grown to be a leading e-commerce supplier of biofuels within the UK. White Horse Energy have proceeded into Phase 2 UK's Department for Energy Security and Net Zero Biomass Feedstocks Innovation Programme, focusing on developing and demonstrating a mobile pelletising technology in processing a range of feedstocks and agricultural residues on farms, ready for transportation to the end user.	
mortar io	**Mortar IO (Built Environment)** www.mapmortar.io
Mortar IO will deliver holistic understanding for optimal decision-making and effective action for decarbonising any building that everyone can understand. Mortar IO's breakthrough technology helps organisations understand how to achieve net zero for entire portfolios in minutes, rather than months. Catalysing retrofits will unlock an accelerated path to net zero for every building, helping us to secure the health and happiness of our planet.	

South Coast Science (Air pollution)
www.southcoastscience.com

South Coast Science is a manufacturer of precision (ambient) air quality monitors, working closely with independent authorities to validate the data quality of electrochemical and particulate sensor systems. Through the development of machine learning algorithms, South Coast Science offers low-cost products that provide indicative-level PM and gas data. Our current undertaking is to achieve reference-level data from small devices. We currently offer products for use in urban environments as well as those for industrial perimeter monitoring. Our roadmap includes products for indoor air quality and odour monitoring for the wastewater treatment industry.

Sector: RENEWABLE ENERGY

LiNa Energy (Battery Storage)
www.lina.energy

LiNa Energy is a developer and provider of low-cost solid state sodium batteries, with a focus on the renewable energy storage market. LiNa Energy was created as a spin-out of Lancaster University, where the founders combined their expertise in ceramics and electrochemistry and appliSyed this to the problem of energy storage. Our scalable systems will make medium-duration energy storage economically and technically viable in Indian markets.

CyanConnode (Smart Metering)
www.cyanconnode.com

We're highly experienced specialists in Narrowband RF mesh technology which connects devices in the Internet of Things (IoT). CyanConnode brings together two major innovators in IoT technology, creating a world leader in Narrowband mesh networks for services such as smart metering and intelligent street lighting systems. Founded in 2002, Cyanconnode has a wealth of experience in delivering mesh-based flexible wireless solutions for utility metering and lighting control. Cyanconnode completed its first smart metering installations in 2006 and has become firmly established as a key player in mesh networking in the Nordic countries, India and Europe.

ESR Technology (Hydrogen)
www.esrtechnology.com

ESR Technology are experts in their core offerings of Engineering, Safety and Risk management. Their heritage and history is of a UK based R & D centre, developing knowledge through research and development and delivering value to client through consultancy services, development programs and training. ESR Technology provides its clients with independent and specialist technical consultancy and services in all sectors where safety is critical and performance improvement through innovation is the competitive edge.

Their **Engineering** capabilities are centred around their world leading TRIBOLOGY and MATERIALS expertise and include engineering, friction, wear and lubrication and non-destructive testing methods.

Polysolar Limited
www.polysolar.com

Polysolar produces transparent see through solar PV glazing based on thin-film CdTe and organic polymer technologies on glass. Used in Building Integrated Photovoltaics (BIPV) the solar PV glass performs the function of a window building material and a renewable power generator. As the technology performs better in low and ambient light and high temperatures it is ideally suited to the Indian subcontinent with its high air pollutant and dust levels and high temperatures.

Sector: ENGINEERING and MANUFACTURING

Emerson and Renwick (E+R) Technology
www.eandr.com

Emerson and Renwick Group are world-leading providers of low carbon coating and vacuum machines for making numerous eco-friendly products. We're major providers of laboratory to production scale coating machinery whether atmospheric or vacuum for energy storage device makers. This equipment helps to produce products such as solid-state batteries and fuel cells.

Achilles Information Limited
www.achilles.com

Achilles provides integrated technology solutions to our customers where we can help buying organisation's supply chain in the effective implementation of their sustainability journey. We have a cloud-based platform which allows customers to share information of their company by answering questions based on a number of international standards including the UN Sustainability Development Goals, ISO 14064-1 and ILO principles.

The technology also fulfils approx. 80% of the SEBI directed BRSR format of ESG reporting. The information submitted by customers is analysed by our technology and is converted into an ESG score. The platform also enables wider analysis of supply chain risk as well as carbon reduction performance for Scopes 1, 2 & 3 to help companies quantify their Greenhouse Gas (GHG) emissions and progress towards Net Zero. We also provide audit services to help customers understand the gaps and improve the scores by providing action plans.

Network Science
www.networkscience.ai

Network Science is India's leading Deep Tech Innovation Accelerator. Some of the Key solutions focusing on "clean growth" include Revolutionary 'Vehicle Wash' that provides a sustainable high-quality wash to its customers that is environment friendly, energy and time efficient and collectively results in recycling millions of litres of water each day."

Tokenisation platform based on the most energy efficient block chain technology, AI and Analytics powered ESG monitoring and reporting platform and AR and VR powered remote monitoring and maintenance platforms to reduce travel carbon foot print are some other solutions provided by Network Science.

acm COMPOSITE BEARINGS	**ACM Bearing** www.acmbearings.co.uk

ACM Bearings remove the need for oil and grease lubrication thus ensuring any application is net zero on waste oils; and in particular removes potential “pollution” into the environment. The ACM materials are used extensively in water power and treatment installation; also in waste management. In marine vessel rudder and stern tube applications the material uses water as a lubricant; again, removing oil pollutants into the seas and oceans.

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