

INDIA-EUROPEAN UNION FLAGSHIP CALL ANNOUNCED ON INTEGRATED LOCAL ENERGY SYSTEMS AT INDIA SMART UTILITY WEEK

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Ministry of Science & Technology

India-European Union Flagship Call announced on Integrated Local Energy Systems at India Smart Utility Week

Sweden and India announce co-funding for a multi million dollar programme on Smart Grids

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India-European Union Flagship Call on Integrated Local Energy Systems was announced at India Smart Utility Week 2020 in the presence of Prof Ashutosh Sharma, Secretary, Department of Science & Technology (DST) and European Union Ambassador to India Mr Ugo Astuto.

This partnership between Indian and European Union will help in Clean Energy and Climate and this partnership will foresee strengthened cooperation in energy research and innovation, mainly in renewable energy and its integration in the energy system. The collaboration can make energy supply cleaner, more efficient and affordable to all.

This Indo-EU flagship call is fully in line with both the European Union's and India's involvement in Mission Innovation (MI), a global initiative of 24 countries and the European Commission (on behalf of the European Union), committed to reinvigorate and accelerate global clean energy innovation with the objective to make clean energy widely affordable.

This Indo-EU Flagship call will give novel solutions encompassing local integration across various energy vectors and increase the share of renewables in the energy mix and high energy efficiency.

Announcement of India-Sweden joint call on smart grids



Announcement of Indo-EU flagship call on Integrated local energy systems.

Meanwhile, Sweden and India have announced the India-Sweden Collaborative Industrial Research & Development Programme at India Smart Utilities Week. The joint Programme, co-funded by Indian Department of Science & Technology (DST) and Swedish Energy Agency, will bring together world class expertise of Sweden and India to address challenges in the area of Smart Grids.



Prof Ashutosh Sharma, Secretary, DST and Dr Robert Andren, Director General, Swedish Energy Agency signed the Protocol of Cooperation between Swedish Energy Agency and DST discussed how this will benefit both countries.

“With India raising its ambition for renewable energy manifold, research, development and innovation the area of Smart Grids assumes high priority as essential enabler. High research development and innovation investments, especially, in partnership and collaborations, can accelerate Smart Grid technologies development in the near future. Sharing the common vision on sustainability, Sweden and India are adding one more collaborative programme to their already vibrant partnership portfolio,” said Professor Prof Sharma.

He said that during the last five years DST has set up 3 major international smart grids networked virtual centers and partnered with 24 countries for smart grids research, development and innovation. As co-lead of Mission Innovation (MI) Smart Grids innovation challenge, DST has supported 9 MI projects envisaging partnership of 17 Indian and 20 Foreign Institutions across 9 countries. DST has already made an investment of 60 million US \$ in Smart Grids.

India-Sweden Industrial led Research & Development collaborative programme on Smart Grids at a collective investment of 5 Million US \$ will help to transform the clean energy sector into a secure, adaptive, sustainable and digitally enabled ecosystem and provide reliable and quality energy for all.

Speaking about the new programme from Stockholm, Dr Andren said, “Regardless of the differences between our countries, we share the objectives of a sustainable society and future. A sustainable energy supply is a prerequisite for all societies and therefore we need modern power infrastructures that allow highly increased amounts of renewable energy. Another common challenge we share is the transformation into a fossil free transport sector. These are just two examples of areas where India and Sweden can benefit from concrete co-creation and sharing experiences from each other”.

“India is a highly valued partner to Sweden and the fastest rising research and innovation power in the world. The Sweden and India joint programme will assure that the best of Swedish and Indian innovators can forge partnerships and develop solutions that will benefit both sides”, said MrKlas Molin, Ambassador of Sweden to India.

DST, Government of India and Swedish Energy Agency have created a funding mechanisms through which companies may seek support for joint Research and Development projects. The India-Sweden programme aims to foster and support the development of collaborative Research and Development projects that bring together companies, research organisations, academics and other collaborators from both countries for the joint development of innovative products or processes. The project should aim to develop technologies that can be commercialized after two years through cooperation between India and Sweden.

The Swedish Energy Agency commits 2.6 MUSD over four years for research and innovation collaboration in the area of smart grids with India. DST will also fund a matching investment of INR 18 Crore for the support of Indian partners towards industrial Research and Development projects, focused on co-development and innovation towards new products, processes or technologies. Product Adaptation projects will be funded under this new programme.

The Sweden-India Science and Innovation Partnership has grown in strength during the last couple of years. High-level visits from both sides have further boosted interest in bilateral collaboration between the two countries. The first ever India-Sweden High Level Dialogue on Innovation Policy was held in New Delhi during the state visit of their Majesties the King and

Queen of Sweden to India in December 2019.

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