



**Department of Science & Technology
Ministry of Science and Technology
(International Co-operation Division)**

Result

Indo-Swedish Joint Call for Proposals within Circular Economy 2022

Based on the Agreement between the Government of the Republic of India and the Government of the Republic of Sweden on Scientific and Technological Cooperation, the **Indo-Swedish Joint Call for Proposals within Circular Economy** was announced by the Department of Science and Technology (DST), Ministry of Science and Technology of the Republic of India; the Department of Biotechnology (DBT), Government of India; the Ministry of Earth Sciences (MoES), Government of India; Biotechnology Industry Research Assistance Council (BIRAC) with Formas, the Swedish government research council for sustainable development; Vinnova, Sweden's Innovation Agency; Forte, the Swedish Research Council for Health, Working Life and Welfare; the Swedish Research Council; and the Swedish Energy Agency respectively.

A total of 55 joint projects were received and evaluated independently by the Department of Science and Technology (DST), Formas, the Swedish government research council for sustainable development and Vinnova, Sweden's Innovation Agency. After the extensive evaluation process, the following 03 (three) projects were recommended in principle for support after getting mutual consent from both sides. The individual letters will be sent to the respective Principal Investigators.

Project Nos.	Project Heading	Indian Institution	Sweden Institution
1.	Towards Zero-Waste through Bio-based Circular Recovery Model - Lessons for Managing Organic Fraction of Municipal Solid Waste from Sweden and India	Prof. Brajesh Kumar Dubey Department of Civil Engineering Indian Institute of Technology (IIT) Kharagpur, India	Dr. Dilip Khatiwada Department of Energy Technology KTH Royal Institute of Technology, Stockholm Sweden
2.	Distributed solar driven hydrogen generation with water cleaning	Dr. Pralay Kanti Santra Department of Chemistry Centre For Nano and Soft Matter Sciences Bengaluru, Karnataka India	Prof. Hakan Rensmo Department of Physics and Astronomy Uppsala University Uppsala, Sweden
3.	Reconfiguration Post-Consumer Textile Fibre-to Fibre Recycling value chains for sustainable circular economy resortex	Dr. Abhijit Majumder Textile and Fibre Engineering Indian Institute of Technology (IIT), Delhi India	Dr Rudrajeet Pal Textile Business Management Swedish Textile School, University of Boras, Sweden