



## Webinar on Energy Storage 28<sup>th</sup> October 2020 (9:30 AM - 11:30 AM CET / 2:00 PM – 4:00 PM IST)

### Introduction

The Government of India has set ambitious plans to commission 175 GW of renewable power by 2022 and 450 GW by 2030. Additionally, in March 2019, to promote clean mobility and energy storage, the Union Cabinet approved the National Mission on Transformative Mobility and Battery Storage. The projections from Niti Aayog, Government of India indicate a cumulative domestic battery demand of upto 1100 GWh by 2030. The Government is targeting 60% of the 2030 annual volume (i.e., 600GWh) for the EV sector, which will be developed in parallel with the battery supply chain development. Approximately 30% of the 2030 annual volume is targeted from large scale energy storage markets and remaining from appliances, telecom towers, etc.

An increasing level of policy and regulatory support combined with the rapid advances in energy storage technology and significant cost declines are creating the enabling conditions for a rapid growth of storage in India, thereby offering opportunities for domestic and overseas companies to tap the market. The upcoming demand for storage in India offers an opportunity to various companies throughout the value chain, such as in the area of battery manufacturing, energy management systems, technology integration, project deployments, etc. The European battery industry is considered a strategic value chain for the EU in the context of a strengthened industrial policy strategy. Batteries will play an important role in the de-carbonisation of the European mobility sector and the transition towards a low carbon economy.

50 GWh advanced cell manufacturing designed by an Inter-ministerial steering committee chaired by Niti Aayog.

Allocation of Min-5GWh, Max.- 20 GWh to single bidder, who can provide certain value capture within India

Identification of incentives like output linked subsidy, tax and fiscal incentives, based on implemented capacity & value capture

Key activities on standards, BCD phasing, demand incentives through interaction with relevant stakeholders

Considering the expected demand growth of energy storage market and strong rationale, **NITI Aayog has also announced a policy objective to support 50 GWh advanced chemistry cell (ACC) manufacturing in India.** The policy will stimulate growth in the ACC manufacturing and encourage development of dedicated Giga-scale manufacturing capacities. The policy instrument proposes to offer incentive in the form of subsidy to manufacturers linked with the output to help lower the selling price of cells and be globally competitive. The scheme will be instrumental in putting India on World map in advanced chemistry storage manufacturing.

### Target audience

The webinar will target key stakeholders in the energy storage sector, both in India and the EU, i.e. policymakers (in India from the central & state government), equipment manufacturers, technology providers, project developers, consultancy organizations, investors, financial institutions, academic institutions, etc.

The webinar offers an opportunity to the relevant EU players to get a better understanding of the Indian market, the policy and regulatory landscape and possible investment considerations. The webinar will offer opportunities for the EU players to learn more about the 50 GWh storage tender that the government of India plans to launch, thereby helping them to review it closely and make informed decisions.

The webinar will also present an opportunity for key stakeholders in India to learn more about the expertise available within EU, to explore potential partnerships and collaborations.



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**Draft agenda**

<b>Time (EU- CET)</b>	<b>Time (India- IST)</b>	<b>Agenda</b>
9:30 – 9:35 AM	<b>2:00- 2:05 PM</b>	<b>Welcome of participants</b> <i>Mr. Edwin Koekkoek (Counsellor- Energy and Climate Action, Delegation of the European Union to India)</i>
9:35 – 9:45 AM	<b>2:05 – 2:15 PM</b>	<b>Introduction and welcome of participants</b> <i>Mr. Amit Kumar, Team Leader-EU CECP Project</i>
9:45 – 10:00 AM	<b>2:15 – 2:30 PM</b>	<b>Keynote address</b> <i>Sh. S. K. Saha, Joint Secretary, Niti Aayog, Government of India</i>
10:00- 10: 15 AM	<b>2:30 – 2:45 PM</b>	<b>Presentation on National Mission on Transformative Mobility and Battery Storage and the upcoming proposal on setting up on Giga scale battery manufacturing facilities in India</b> <i>Presentation: Mr. Aman Hans, PPP Specialist, Niti Aayog</i>
10:15 – 10:30 AM	<b>2:45 – 3:00 PM</b>	<b>Presentation on Indian storage market and Potential</b> <i>Presentation: Dr. Rahul Walawalkar, President, India Energy Storage Alliance and Chair, Global Energy Storage Alliance</i>
10:30 – 10:45 AM	<b>3:00 – 3:15 PM</b>	<b>Presentation on Role of storage within grid</b> <i>Presentation: Mr. Reji Pillai, President, India Smart Grid Forum (ISGF)</i>
10:45 – 11:00 AM	<b>3:15 – 3:30 PM</b>	<b>Presentation on European storage market, status of Energy storage in Europe and key developments</b> <i>Presentation: Mr. Patrick Clerens, Secretary General, The European Association for Storage of Energy (EASE)</i>
11:00 – 11:15 AM	<b>3:30 – 3:45 PM</b>	<b>Presentation on Strength within Europe on Energy storage</b> <i>Presentation: Ms. Ilka von Dalwigk, Policy Manager, Smartgrid &amp; Electric Storage, EIT InnoEnergy Scandinavia</i>
11:15 – 11:25 AM	<b>3:45 – 3:55 PM</b>	<b>Q&amp;A from participants</b>
11:25- 11:30 AM	<b>3:55 – 4:00 PM</b>	<b>Closing Remarks/Vote of Thanks</b> <i>Mr. Matthieu Craye, International Relations Officer at the European Commission, DG Energy</i>