



# BUSINESS SUPPORT TO THE EU-INDIA POLICY DIALOGUES PROJECT



A project funded by the European Union



# 3RD EU-INDIA CONFERENCE ON ADVANCED BIOFUELS, New Delhi, 2nd March 2020

## AGENDA

1. About Business Support to EU-India Policy Dialogues
2. Support Initiatives under the Business Support Project
  - a) EU Excellence in India
  - b) The European Economic Group
  - c) The Cluster approach
3. State Of The Advanced Biofuels Market In India
4. New Policies & Incentives
5. Areas of opportunity for EU companies



# BUSINESS SUPPORT TO THE EU-INDIA POLICY DIALOGUES

- The Business Support to the EU-India Policy Dialogues **supports the implementation of the new EU strategy** on India, which was adopted in December 2018.
- The project strives to **increase business involvement** in strategic areas of bilateral cooperation in order to reinforce the already strong partnership between the European Union and India.
- The key areas are derived from on-going policy dialogues between the EU and India, such as **Environment, Energy, Climate, ICT and Urbanisation** and hold relevant, real-time opportunities for EU businesses interested in the Indian market.

<https://euindiabusinesssupport.eu/>

## PROJECT PARTNERS



# SUPPORT INITIATIVES UNDER THE BUSINESS SUPPORT PROJECT

## EU EXCELLENCE IN INDIA

- The “EU Excellence in India” concept brings together and highlights a select group of European business champions in India and aims to help use **synergy effects among major players** who are committed to set climate and sustainability targets across their operations, value chains and solutions.
- Support offered: Co-creation of **cooperation, opportunity** and **visibility** activities.
- Objective: Enable **intra-European synergies** and cooperation for increasing their strengths and relevance vis-à-vis opportunities (private and public alike) in high-potential market segments
- **Call to Action:** Submit their Expression of Interest by March 31, 2020 to [projects@ebtc.eu](mailto:projects@ebtc.eu).





# SUPPORT INITIATIVES UNDER THE BUSINESS SUPPORT PROJECT

## EUROPEAN ECONOMIC GROUP

- EEG is positioned as a single European business voice in India with industry representation **through the respective heads of the bilateral chambers, associations and the embassies.**
- EEG as a working group will consolidate the strategic areas of policy interventions and insights which are critical for enhancing the business collaborations between Europe and India. (Market Access Barriers)
- The aim is to **support in creating a conducive business environment** for European companies in India, and to **achieve a higher level of cooperation** and economic activity between Europe and India with support and acceptance from the Governments in India.
- **Call to Action:** Initiate engagement with your respective chambers and associations/ EU MS Embassies. Alternatively, for more information write to [projects@ebtc.eu](mailto:projects@ebtc.eu).



# SUPPORT INITIATIVES UNDER THE BUSINESS SUPPORT PROJECT

## The Cluster Approach

- Brings together various stakeholders (**both European and Indian**) from the value chain of the select sector on one platform. (Eg: Manufacturers, O&M companies, Engineering and construction companies, Logistics and other service providers)
- Aim: Enable the realisation of **transformational projects** by harnessing cross-functional synergies.
  - Identify and conceptualise pilot projects
  - Plan for the implementation of projects
  - Engage with Indian Government bodies
  - Facilitate stake holder consultations sessions, manage all expectations
  - Monitor project implementation
  - Evaluate project impact
- **Call to Action:** Create your cluster, your idea, create your ecosystem, and benefit from the approach  
Write to [projects@ebtc.eu](mailto:projects@ebtc.eu) with subject "Cluster Idea"



# STATE OF THE BIOFUELS MARKET IN INDIA

- The Indian government launched **the National Biofuel Policy in 2018** covering first-generation and second-generation biofuels.
- The policy expects the biofuel sector to be valued at approximately EUR 6.28 billion by 2022.
- There are over **70 large-scale Indian companies** active across the entire biofuel industry value chain.
- Roughly a **dozen European companies** are active in the entire biofuel sector in India.
- In 2019 alone, Indian OMCs produced an estimated 2.4 billion litres of biofuel.
- Indian oil PSUs are expected **to launch 12 2<sup>nd</sup> generation (2G) Ethanol Biofuel** plants in 11 states in the coming years, with an input capacity of 400-450 tons/day each.



## NEW POLICIES & INCENTIVES

- The National Biofuels Policy calls for earmarking an estimated **EUR 630 million** in **viability gap funding** for the creation of 2G advanced ethanol plants up to 2024.
- The policy also sets a target of **20% blending** of ethanol with petrol and 5% blending of bio-diesel with diesel 2030.
- **GST** on ethanol targeted for petrol blending has been reduced from 18% to 5%.
- List of **agricultural crops** which can be used as feedstocks for biofuels has been widened.
- **Increased purchase price of 2G advanced biofuels** as compared to 1G biofuels.
- Indian OMCs have amended policies to ensure **long-term (15 years) supply agreements** for feedstocks.
- Indian OMCs have also adopted a policy for the **collection of Used Cooking Oil (UCO)** in 100 cities to be used as feedstock for biofuel production.





## AREAS OF OPPORTUNITY FOR EU COMPANIES

- Technologies for Advanced bio-fuels production (Fuels which are produced from agricultural and forestry residues, Eg: Rice/wheat– straw/corn cobs, etc) – need of the hour
  - Cellulosic ethanol production (12 plants proposed in India)
  - Bio methane/ Bio-CNG production
  - Gasification
  - Fast Pyrolysis technologies
- Technologies for 'drop in fuels' production (Liquid fuels from plastic wastes, municipal solid wastes, industrial wastes etc) – need of the hour
- Setting up of 2G bio-refineries and development of new feedstock/ indigenous crops for bio-fuels
- Commercially viable technologies in bio-hydrogen production, DME (Di-Methyl Ether) production, algae based bio-fuels, more

List of on-going R&D projects: <https://mnre.gov.in/rd-projects-biofuels>



# THANK YOU



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