

Concept Paper		
Video Conference to Disseminating Study on "Assessment of Industry Readiness for Manufacturing of Battery Electric Vehicles in SAARC Countries"		
Video Conference	PRG-210/2021/POSIT	SEC

Background:

Battery Electric Vehicle (BEV) demand is rising globally. Buyers are mostly attracted to these vehicles based on several factors such as savings on fuel cost, low maintenance and robust performance. In addition, BEVs have a significant positive impact on energy and environment. BEVs can assist in improving efficiency in electricity systems through storage and demand-response services. The use of BEVs can reduce local air pollution and country’s share in global carbon emissions. It also helps in lower spending on fossil fuels which are, in case of most SAARC Member States, imported from abroad at the expense of precious foreign reserves. In this context SEC under its thematic area of “Program on Successfully Implement Technology Transfer (POSIT)” conducted a study on “*Assessment of Industry Readiness for Manufacturing of Battery Electric Vehicles*” in FY 2019.

Introduction:

To disseminate the findings of the study and to get feedback from the Member States for value addition, and to build awareness among Member States, SEC under its thematic area “POSIT” is organizing a Video Conference to disseminate the Study Report “*Assessment of Industry Readiness for Manufacturing of Battery Electric Vehicles*”. During the video conference, the study authors and the peer reviewers will share their valuable experiences with the audiences and inform them about findings of the study.

Objectives:

Following are the objectives of this Video Conference:

1. Dissemination of the Study and its findings/ recommendations
2. Value addition and further improvement of the study based on feedback and comments
3. Creating awareness among the stakeholders including decision makers, regulators, project developers, private sectors, etc. on the technology options and the cost involved
4. Providing recommendations to policy makers, regulators, private sector, and auto industry on how to utilize indigenous resources for manufacturing BEVs

5. Recommending improvements to strengthen the competitiveness of local auto industry in respect to manufacturing of BEVs.

Major Aspects /Topics to be covered during the Workshop:

The Video Conference will cover, but is not limited to the following aspects of Assessment of Industry Readiness for Manufacturing of BEVs:

1. Framework for assessing the readiness of auto industry in respect to BEVs manufacturing
2. Results from the market study of auto industry through interviews/surveys of auto manufacturers/ assemblers and the manufacturers/assemblers of important BEV components such as Battery, Motor, Inverter, Software etc.
3. Readiness status of the auto industry as per the study framework
4. Identification of the competitive advantages of indigenous auto industry to excel in BEV manufacturing domain
5. Recommendations for structural, fiscal and policy improvements to assist indigenous auto industry to develop strengths in BEVs value chain in future

Professional Resource:

Experts from Lahore University of Management Sciences (LUMS) Pakistan and Indian Institute of Management (IIM) Bangalore India, who conducted the study are invited for the dissemination purpose. The study reviewers are also invited as presenters. Beside the study teams and peer reviewer, experts on BEVs from within and outside the SAARC region are also be invited to share their research and experiences.

Venue of the Video Conference:

The Video Conference shall be broadcasted from office of SAARC Energy Centre.