

## Draft Action Plan

*(Based on discussion during the PMCTCC Meeting on 24.07.2017)*

### 1. Creation of a District Outreach Team

- a) A team consisting of approximately 50 personnel from the State Government are identified by the MSME Directorate within August, 2017 covering all districts.
- b) Distribution of structured questionnaire for capturing current status of technology / manpower / infrastructure / challenges in the respective districts
- c) A 5-day workshop conducted for the aforesaid officials for orientation training on technology status and technology diffusion in the identified areas / sectors
- d) Envisaged Outcomes of the workshop shall include:
  - Mentoring of the District Outreach Team
  - Sourcing of ideas of required technology translation / adoption barriers from the stakeholders
  - Short training modules to be used at the ground level (cluster level) by the team

### 2. Seeding New Clusters in the State

Four identified sectors for seeding new clusters are as follows:

- Flyash Products
- Ceramic Tiles and Bricks (including refractory bricks)
- Photonics
- Clean Coal (including coal liquefaction)

Background research for the four above sectors to be completed in three months that include compilation of the following:

- a) Technology Position Papers
- b) IP landscape
- c) Expert Pool available
- d) Institutional pool (including infrastructure) available and required
- e) Capacity building needs

Identification of location of the cluster would be done by the State Government based on local strengths, sector needs and proximity to knowledge institutions.

### **3. Establishment of Testing and Characterisation Off-Shore Centres**

Equipped testing and characterisation centres will be set up in the districts to cater to the cluster needs of the region / location in which they are situated.

Objective of the centres is to ensure standardization and quality certification of the products being manufactured.

The proposed modality is as follows:

- a) Centre to operate in public-private partnership mode
- b) State government to provide land that would be managed privately
- c) Infrastructure and facility creation to be carried out by the State Government or its chosen representative
- d) Capacity building / training to be carried out by CSIR / universities
- e) Concept paper and plan to be prepared by the TFC
- f) The project to be initiated in five pilot locations across the State
- g) Proposed sectors / focal technology themes include the following:
  - Rubber and Plastics (proposed location: Raghudebpur, Howrah)
  - Water quality monitoring (proposed location: Raina, Bardhaman)
  - Testing of dyes and natural colours to ensure that they conform to export standards (proposed location: Ghugumari, Cooch Behar)
  - Purity testing of raw materials for metal product clusters (proposed location: Goghat, Hooghly)
  - Food products quality testing (proposed location: Jagacha, Hooghly)

### **4. Creation of Expert Database:**

- A database on experts available along with institutions vis-à-vis identified technology focus areas will be prepared and uploaded to the TFC web portal.
- Initial version will be uploaded within October, 2017

### **5. Generation of Sector Challenge Reports**

- Reports that highlight ways in which technological challenges in various focal areas / sectors are addressed globally would be compiled and distributed to the respective MFCs and also uploaded on the TFC portal. Example includes interventions to reduce wastage of gold / silver during their product processing and how it is addressed at Kimberley, South Africa.
- Two reports per month are proposed to be generated. First report proposed to be completed by November, 2017
- Sectors/ focal areas would be selected based on initial diagnostic reports of TFC and also inputs from the workshop of district outreach teams.