Semi-mechanization of Stick Making
- Stick making is completely manual.
- Semi-mechanized production process using locally available tools created by TBM.
- Artisans trained on new process and tools.
- Potential increase of 80-100% in daily income.

Bio-replacement Jigat
- Jigat, bark of the mendi tree, key resource in agarbatti masala.
- Supplies are draining and large quantities already being imported.
- Central Institute of Medical and Aromatic plants (CIMP) helping find suitable bio-replacement for Jigat.

Semi-Automation of Agarbatti manufacturing
- Stick making, polishing, rolling are manual processes.
- Imported machines not suitable for domestic bamboo species.
- National Institute of Technology (NIT), Agartala and Central Mechanical Engineering Research Institute (CMERI) developing low cost machines for semi-automation.

Bamboo Cluster
Profile
Location: State of Tripura
Major Products: Agarbatti (Incense Sticks & Bamboo Furniture)
People Employed: 2,20,000*
Business Units: 50,000*
Turnover: Rs. 73.67 Crores*
CIC Host: Tripura Bamboo Mission (TBM)
* Data provided by TBM

Growth Challenges
Lack of Mechanization
Alternatives for natural materials used in Agarbatti manufacturing needed for growth
Inability to grow up the Industry value-chain

Pilot Innovation Activities
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