



INVEST. INNOVATE. CREATE.

Developing Advanced
Manufacturing Hub in Tamil Nadu



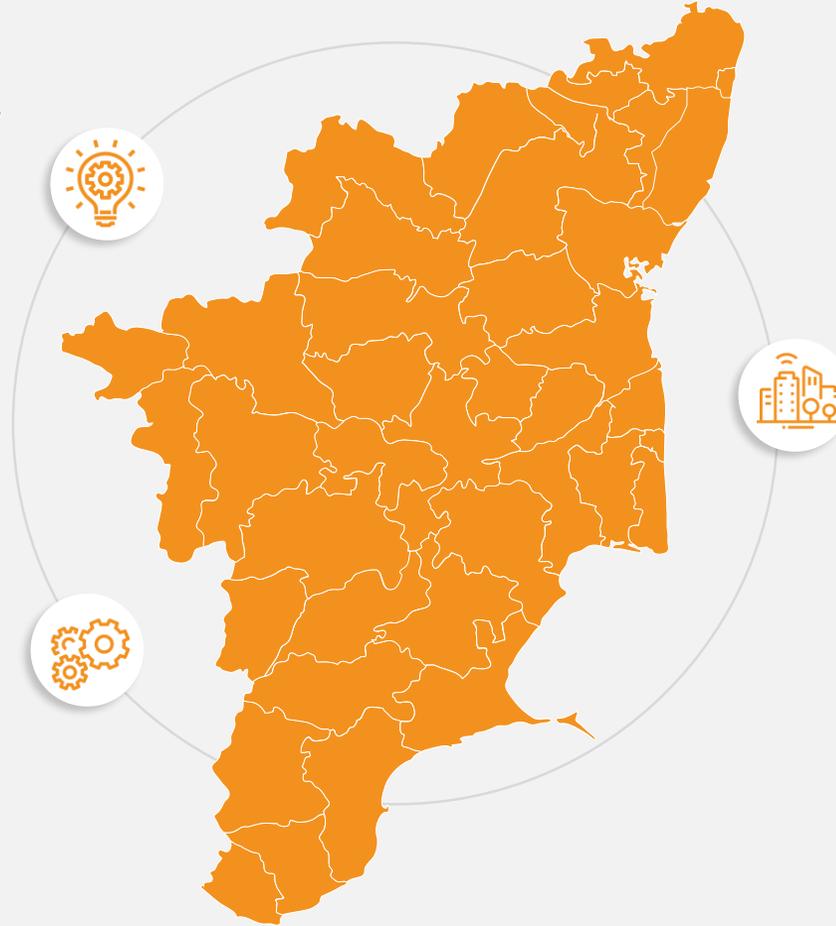
Why AM for Tamil Nadu?



To help existing industry transition to higher value chain of manufacturing



To help industries tackle with the geoeconomic and geopolitical disruptions



To retain the leading position in industrialization and nudge SMEs and sub-large companies to not lose the 4IR bus.

What is Advanced Manufacturing?



Advanced manufacturing is a journey – not a destination for manufacturers

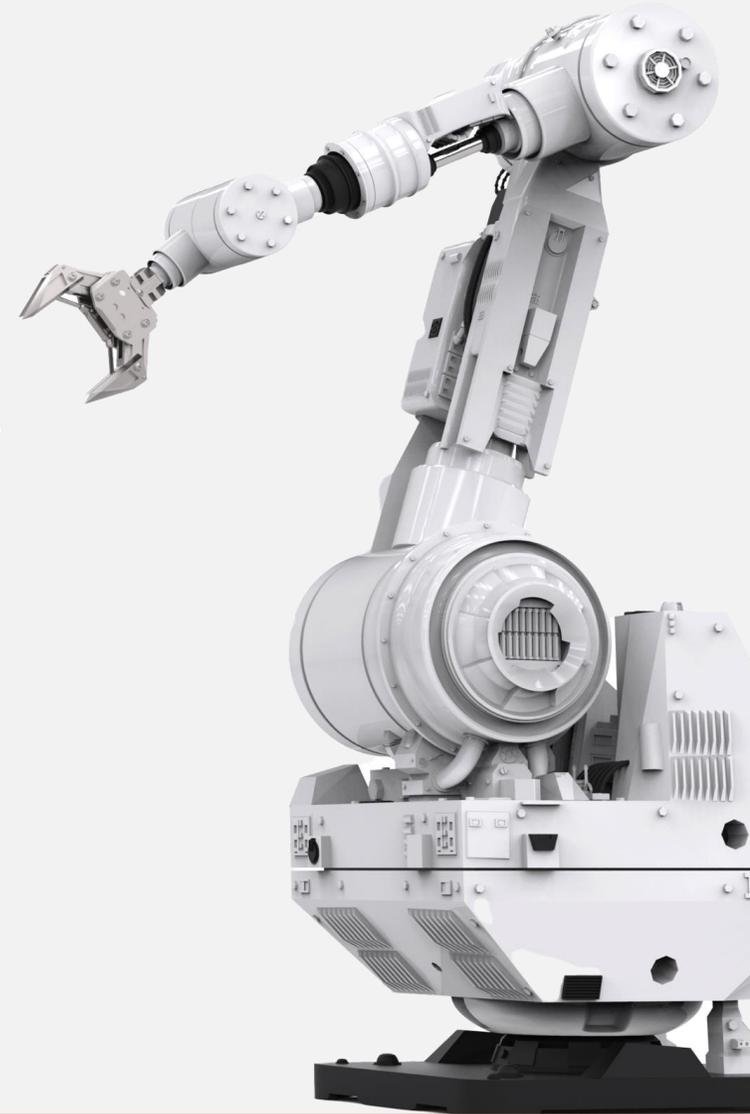


AM can boost innovation by allowing manufacturers to create new kinds of customizable products that can't be made cost effectively with conventional processes.



AM is not only about technology adoption but also on creating organizational culture, processes, and resources (skilled workforce)

Examples – Additive Manufacturing, Industrial Internet and Flexible Automation, Digital Manufacturing, ICME, Autonomous Robots



What efforts have we undertaken?



- About 60+ AM Centre operate in the State in various forms and capacities

Industries Department



Three CoEs and more incoming



Two Innovation Centers



WEF AMHUB member and undertaking I 4.0 baseline study

IT&DS Department



Valar 4.0

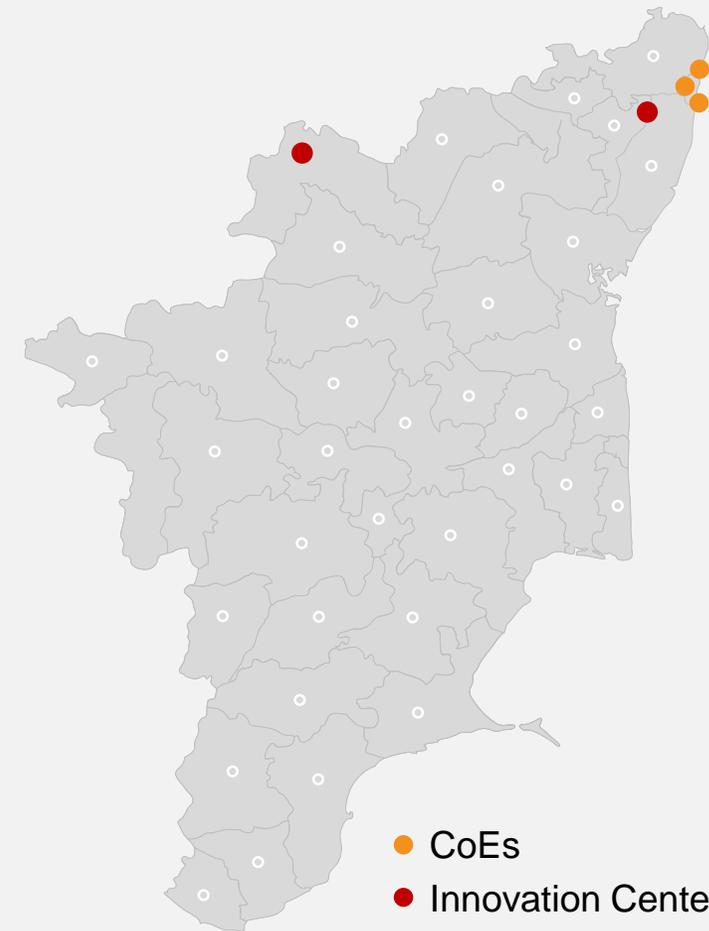
Match-making platform

Labour Department



Tamil Nadu Labour Department

ITI upgradation



- CoEs
- Innovation Centers
- ITI

On the horizon



Enabling access to finance

- TN R&D Policy – Earmarking Research and Technology Fund for Industry 4.0 and technology adoption
- Digital Accelerator – Grant of Rs 1 cr per startup

Enabling access to technology

- Regional CoEs – in Coimbatore
- Facilitate private sector to thrive

Enabling access to AM workforce

- Naan Mudhalvan platform

Enabling access to information and network

- World Economic Forum platform



Thank You

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