

Expression of Interest

India – Sweden Collaborative Industrial Research & Development Programme 2025

Company Information

1. Company Name: AATWRI AEROSPACE AND DEFENCE Pvt Ltd

2. Company Description:

AATWRI AEROSPACE & DEFENCE Private Limited, Chennai is a deep-tech startup focused on developing training and intelligent autonomous solutions. AATWRI's interests are in training simulators, AI autonomous systems, AR/VR solutions, software integration and advancements.

3. Country (India/Sweden): India

4. Sector and subsector: Artificial Intelligence

5. Year Established: 2018

6. Company Website: www.aatwrigroup.com

Contact Information

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Proposed Area of Project/ Proposal: AI as Enabler / AI-Agentive Factory— Democratizing Smart Manufacturing for MSMEs

Summary of the Proposed Project/Proposal:

MSME's are left behind in Industry 4.0 revolution due to high costs of implementation, unavailability of experts. In order to overcome these challenges, the proposal is to develop a multi-agent AI that can be integrated all levels of hierarchies of an industry and take appropriate decision at right time in order to improve the OEE. This includes structuring AI around the 4Ms (Mankind, Machinery, Material, Methodology). This also helps in providing actions from raw and unstructured data from various sources as per ISA-95 architecture.

Main characteristics and specific technological expertise of potential partner you are looking for:

We are looking for partners who have expertise in Industrial Automation, IoT, Smart Manufacturing domains for Steel and Cement Industries.
