

Expression of Interest

India – Sweden Collaborative Industrial Research & Development Programme 2025

Company Information

1. Company Name: Valli AGI Fintech Cybersecurity Technologies Pvt Ltd

2. Company Description:

Valli AGI is an AI-driven deep-tech company specialising in Financial Trust Infrastructure, cybersecurity, real-time analytics, and digital-risk intelligence. We develop advanced AI/ML systems for fraud detection, data security, compliance monitoring, and industrial optimisation. The company is DPIIT-recognised, MSME-registered, and works with government regulators in India and Singapore on AI governance, secure digital payments, and risk analytics.

3. Country (India/Sweden): India

4. Sector and subsector:

AI & Advanced Analytics / Cybersecurity / Industry 4.0
(Sub-sector: Predictive Analytics, Emission Intelligence, Digital Trust, Industrial AI Systems)

5. Year Established: 2025

6. Company Website: <https://valliai.com/>

Contact Information

1. First Name: Meenakshi Sundaram
2. Last Name: Lakshmanan
3. E-mail: lakshmanan@vallisg.com
4. Phone Number: +91 90431 29148 (WhatsApp)

Proposed Area of Project/ Proposal:

AI-driven Green Transition Analytics Platform for Steel & Cement Industries — focusing on energy optimisation, carbon-emission intelligence, production efficiency modelling, and sustainability scoring using advanced ML, IoT integrations, and industrial data pipelines.

Summary of the Proposed Project/Proposal:

The project aims to develop a joint India–Sweden AI Analytics Platform to support the green transition in heavy industries, with a focus on Steel and Cement manufacturing plants.

The solution will utilise AI/ML models, IoT sensor data, and real-time industrial telemetry to:

- Predict energy consumption
- Identify emission hotspots
- Optimise kiln, furnace, and production line performance
- Reduce carbon footprint and operational wastage
- Provide digital sustainability scoring for ESG and regulatory reporting

The platform integrates India's applied AI capabilities with Sweden's industrial engineering and clean-tech expertise. The joint outcome will be a deployable industrial AI solution suitable for both Indian and Swedish ecosystems.

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

We are looking for a Swedish partner with:

- Experience in **heavy manufacturing (steel/cement)**
- Strong background in **industrial automation, IoT, or sensor systems**
- Expertise in **energy optimisation or emission reduction**
- Access to **industrial data, pilot plant, or testbed environment**
- Engineering capability in **process, furnace, or kiln optimisation**
- R&D experience in **clean-tech and sustainability technologies**

Partner may be an industrial company, applied research lab, or clean-tech organisation.
