Expression of Interest

India – Sweden Collaborative Industrial Research & Development Programme 2025

Company Information

1. Company Name: Intello Labs Pvt. Ltd.

2. Company Description:
Intello Labs is a deep-tech agri-automation company that uses advanced computer vision and AI to assess and grade the quality of fresh produce. Our award-winning visual-defect detection and sorting systems help packhouses, aggregators, and retailers reduce wastage, improve price realization, and standardize quality across the supply chain. Intello Labs' solutions—such as AI-based sorting/grading machines, automated fruit packers, and the Digital Mandi trading platform—are transforming how fruits and vegetables are valued, packed, and traded.

3. Country: India

4. Sector and Subsector:
AgriTech – Post-Harvest Automation, Quality Assessment, and Supply Chain Digitization

5. Year Established: 2016

6. Company Website: www.intellolabs.com

Contact Information

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Proposed Area of Project / Proposal:

AI-based quality grading and packaging automation for fruits and vegetables to enable global standardization of quality, efficient processing, and data-driven trade between India and Sweden.

Summary of the Proposed Project / Proposal:

The proposed project aims to co-develop an advanced AI-enabled optical sorting and automated packaging system that combines Intello Labs' computer-vision and grading expertise with Swedish partners' automation, robotics, and mechatronics capabilities.
The joint solution will:

- Enhance quality consistency and traceability across produce supply chains in both countries.
- Enable export-ready grading and certification through a standardized AI model.
- Support carbon-efficient post-harvest operations through optimized packaging and reduced waste.
- Build a shared data infrastructure for defect, ripeness, and shelf-life prediction using real-world datasets from India and Sweden.

This collaboration will accelerate the adoption of AI in agricultural manufacturing and help both ecosystems move towards climate-smart, digitally integrated food supply chains.

Main Characteristics and Specific Technological Expertise of Potential Partner You Are Looking For:

We are seeking Swedish partners with expertise in one or more of the following:

- **Automation and Robotics:** Expertise in robotic arms, conveyors, or automated packing systems.
- **Opto-Mechanical Design:** Experience with industrial vision systems or mechatronic design for fresh produce.
- **Food-Tech Innovation:** Knowledge of traceability, food-quality sensing, or shelf-life prediction.

Ideal partners would have a strong R&D orientation, prior experience in collaborative EU or bilateral R&D programs, and an interest in scaling solutions for both Indian and European markets.