



CELTIC-NEXT



Proposers Brokerage Day

24th February 2025, Barcelona

Pitch of the Project Proposal

Smart Packaging and Shipment

OnBT

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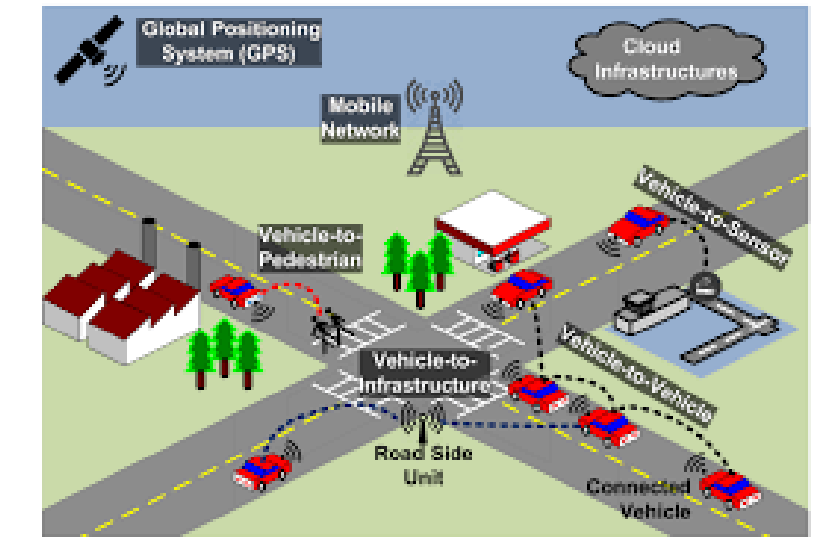
Why this project

- *End-to-end digital transformation and automation from manufacturing to delivery*
- *Seamless MES & ERP integration for a smarter supply chain*
- *AI & IoT-driven quality control to prevent losses*
- *Optimized logistics for cost-effective, timely shipments*

Key benefits

- ✓ *Real-time tracking: Monitor product content, route & condition*
- ✓ *IoT-powered assurance: Heat, humidity & pressure monitoring*
- ✓ *Anti-counterfeiting: Security label (holograms, seals)
reinforce trust and brand protection*
- ✓ *Enhanced Supply Chain Transparency – Real-time data exchange for improved decision-making*

Organisation Profile



The technology provider firm for the group companies;

Smart Building

Smart Energy

Intelligent Transportation Systems

Electrification and Charging Industry

Smart Manufacturing with Industry 4.0



With more than 50 years expertise and domain know-how

Proposal Introduction

Delivering the right product to consumers on the right route, on time, and cost-effectively in the use case of solar panel manufacturing industry

Digitalizing the packaging and shipment processes of solar panels

Making quality control and integration processes more efficient and ensuring error-free and traceable operations

Revolutionizing Packaging & Logistics with Cutting-Edge Technologies

Manufacturing Unit

MES&ERP Integration
Automated Packaging
AI-based Quality Control



Smart Warehousing

IOT-enabled Inventory
Robotics for Sorting
Full automated processes



Logistics&Shipment

Route Optimization(AI)
Security Labels and RFID

Customer Delivery

QR/NFC for Authentication
Delivery Confirmation
Real-time Customer Interaction

Partners

Existing consortium;

Technology Provider(OnBT)

University-Research Center(Atlas University)

Use Case Provider(Manufacturing)

Partners being sought;

Shipment companies

Other use cases(smart farming and etc.)

Technology and Security Provider

Contact Info



For more information and for interest to participate please contact:

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Presentation is available via:

