

PROJECT

ISO-COLD

Integrated Solution to enhance COLD chain and logistic tracking

Funding: European (Horizon 2020)

Duration: Feb 2015 - Jul 2015

Status: Complete

Total project cost: €71,429

EU contribution: €50,000



Call for proposal: H2020-SMEINST-1-2014

[CORDIS RCN : 196653](#)

Objectives:

Scenario

The Transport & Logistic (T&L) sector has experienced a fast expansion in the last decade; the temperature controlled supply chain represents a high value added segment that is experiencing a continuous push for service quality. Regulators, all over the world, are constantly introducing more demanding recommendations (e.g. the recent Good Distribution Practise - EU C343/01 2013 - for the pharmaceutical products). On the other hand, the high cost of monitoring tracking information and temperature data during transports, and the absence of structured ICT solutions to aggregate operative information efficiently, risk frustrating regulators effort.

Innovation

ERPlan developed a comprehensive ICT solution able to collect and aggregate information from T&L operations, including track & trace and temperature data that allow the users to have a complete and updated status of deliveries, a historical records depot for regulation compliance, and a platform to distribute data to its stakeholders. Moreover, the solution provide a logistic floor and mobile systems equipped with state of art RFID technology to minimize impact of data acquisition procedures on workforce efficiency.

Target Market

Transport and logistic companies working with temperature controlled shipments (mainly Pharma & Food sectors) are all potential users of the solution as well as their stakeholders (Pharma / food producers, retailers, etc.) with a focus on companies operating in last mile delivery scenario (mostly SMEs)

Phase I Objectives:

- To define the investment and the effort that the company should undertake to penetrate efficiently the European market
- To validate the ability of the solution to bring economical return to the company into a defined period in order to evaluate sustainability of the business plan

- To quantify the impact of the solution on standard transport/logistic scenarios to create appropriate selling tools
- Produce a sustainable marketing strategy to enter the European market

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Erplan Srl

Address:

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10151 TORINO
Italy

EU Contribution: €50,000

Technologies:

Information systems
ICT support system for multimodality

Development phase: Research/Invention

STRIA Roadmaps: Network and traffic management systems

Transport mode: Road transport

Transport sectors: Freight transport

Transport policies: Digitalisation

Geo-spatial type: Other