A3 - Import and export of consumer goods Apps

# Summary of the innovation

This innovation is concerned with planning and execution of logistics activity in consumer goods sector ensuring effective planning of related activities resulting in improved coordination, loss minimization, efficient use of resources and high customer satisfaction level. Effective planning and timely monitoring of the transportation process is very crucial since unexpected delays might lead to many problems and losses in several stages starting from the production activity till the delivery of finished goods to the customers.

# Key features / capabilities

The trial is composed by a web app and two mobile applications that have the following key features:

* **Transport Demand Application (TD**). The main functionality is to improve collaboration between different stakeholders during the transport demand description process and to make it available to users till the end of the execution of the shipment. The main benefits are:
  + Seamless collaboration on transport demand creation process
  + Monitoring the status of transport demand thanks the collaboration between the Transport Demand App and the Shipment Status App
  + Notification management during transport order creation
* **Shipment Status Mobile Application (SS).** The application improves the information exchange between shippers and consigners during the transport execution process. The key strengths are:
  + Improved overview and visibility of stock in transit
  + Get notified on deviations and their impact (basis for decision making)
  + More effective and cost optimized deviation management
  + Improved end-to-end collaborative supply chain planning due to information from one source
* **Manual Event & Deviation Reporting Application (MEDR)** allows the actors that are responsible from the execution of the transport process to report the events, status of the shipment and deviations during the execution process. The main benefits are:
  + Report the relevant information about ongoing transport processes in real-time to each involved stakeholder
  + Easily communicate with partners to coordinate activities
  + Reduction of manual effort for reporting status & deviations

# Maturity level (TRL - Technology Readiness Level)

* TRL 5: Large scale prototype tested in intended environment.

# Availability

* Research paper
  + FISpace site - IMPORT AND EXPORT OF CONSUMER GOODS<http://www.fispace.eu>
* Deliverable (report)
  + **D400.1**
  + **D400.8**
  + **D400.12**

FIspace-D400.12-Annex-10-D.455.42.1.1-2.1-3.1-FR-TransportShipmentEventDeviation-Apps-FINCONS.docx

* + **D400.13**

# Licensing

* Public domain (research papers)
* Closed source (prototype code)

# FIspace partner(s) that own innovation & contact points

* FINCONS Spa
* ARCELIK