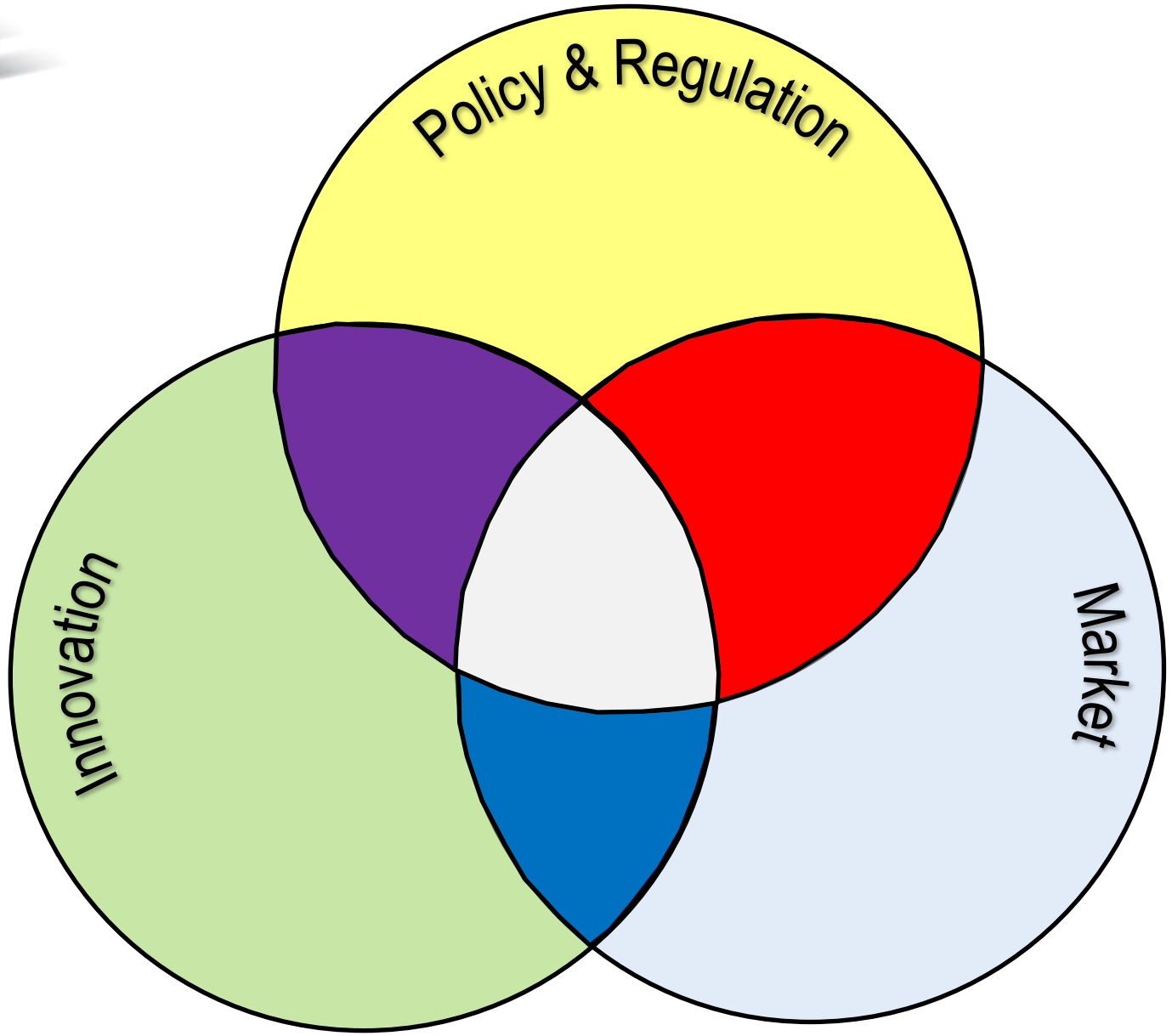
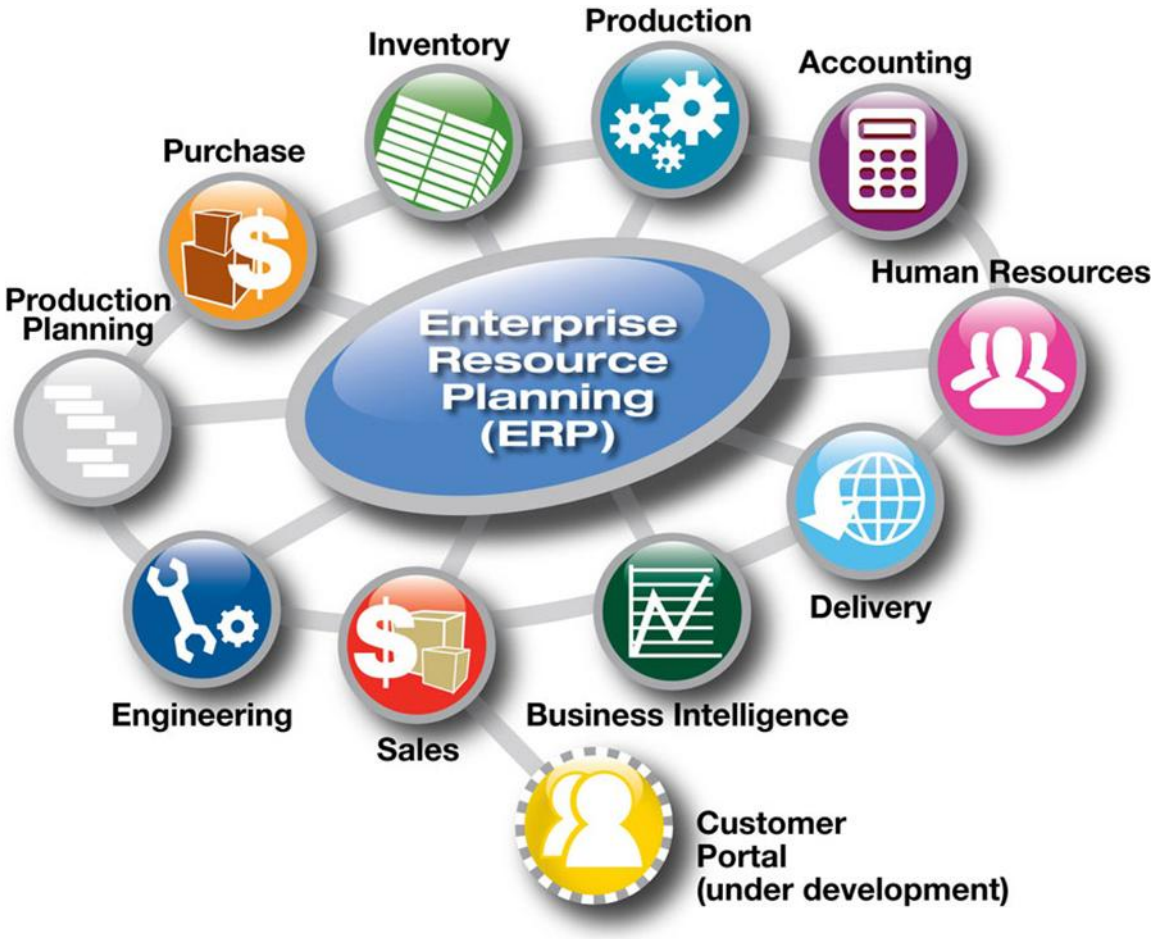
European Shippers' Council

Connectivity

Groningen

Nik Delmeire


Policy & Regulation
Innovation
Market


Inventory
Production
Accounting
Purchase
Human Resources
Production Planning
Enterprise Resource Planning (ERP)
Delivery
Engineering
Business Intelligence
Sales
Customer Portal (under development)

- Once goods are in the box and start flowing outside the company walls, it is a…

What shippers would gain

- Reduction of Supply Chain Cost : operations
  - Less failing transport
    - Proactive measures in stead of reactive
    - Avoid extra shipments
  - Less admin cost
    - Less paperwork
    - Less follow up
  - Reduced cost of compliancy
    - Admin reduced
    - AEO certification easier

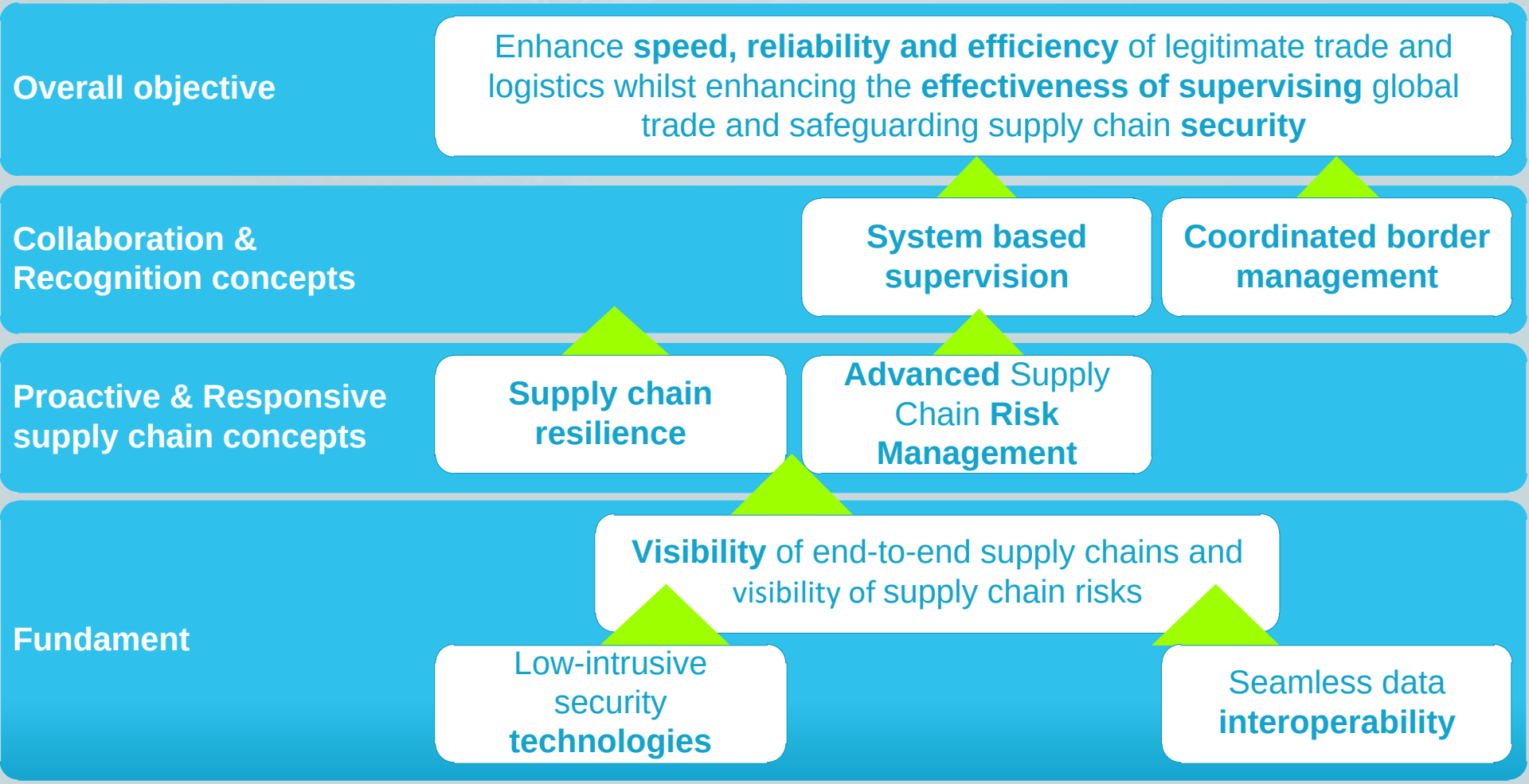
What shippers would gain

- Reduction of Supply Chain Cost : inventory
  - Inventorycost (= 25 % of the value !!)
    - CORE reduces risk and reducing risk reduces inventory
    - Less inventory =
      - Less handling
      - Less space
      - ….
    - Reduced transporttimes because data arrive before goods
      - Less leadtime = less inventory

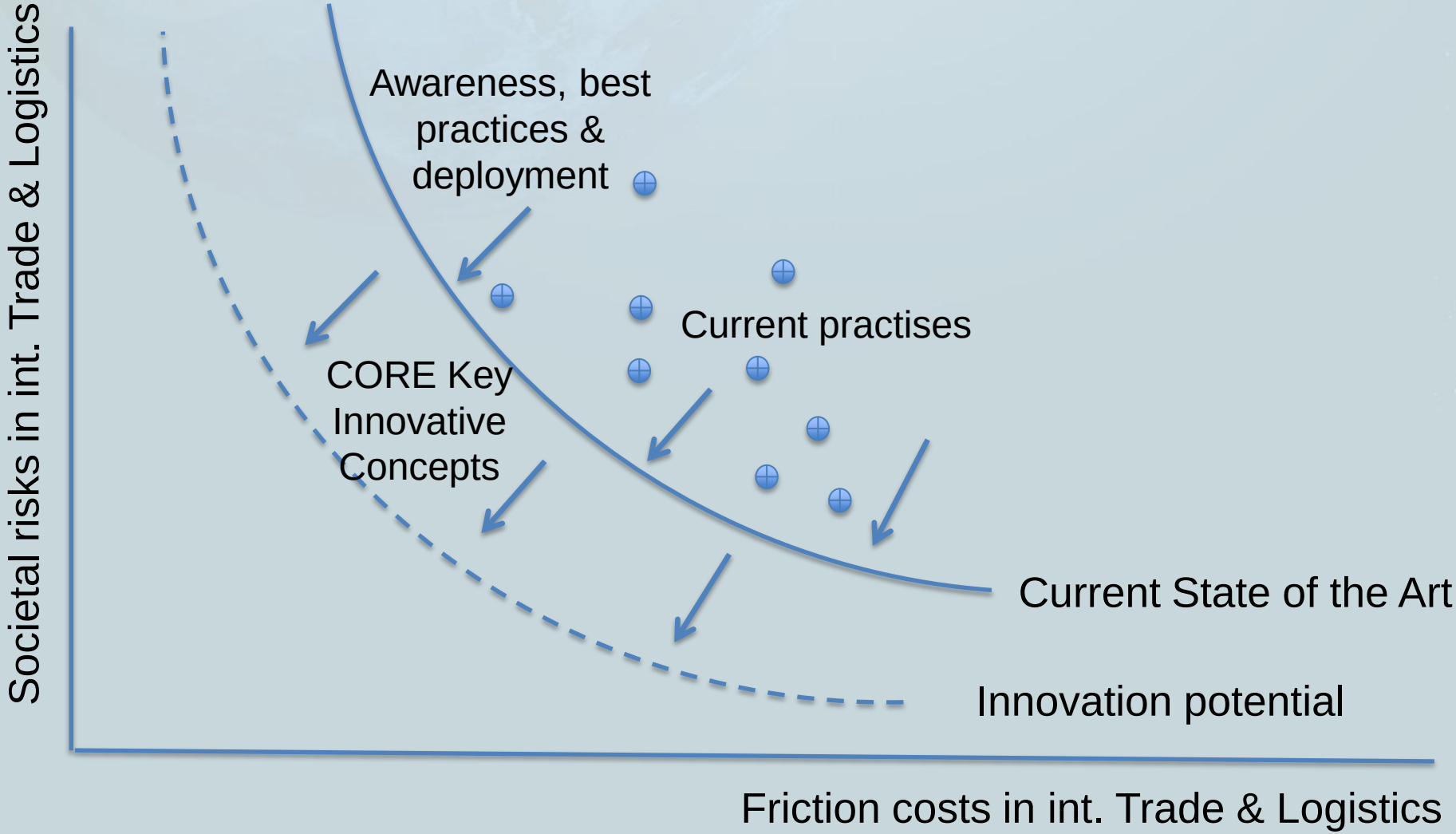
CORE in figures

- Total cost: € 49M, EC funding: €29M
- 70 partners from 17 countries (incl USA, Canada, Kenya)
- 4-year duration: May 2014 – May 2018
- 16 demonstrations
- 22 work packages

CORE Key Concepts



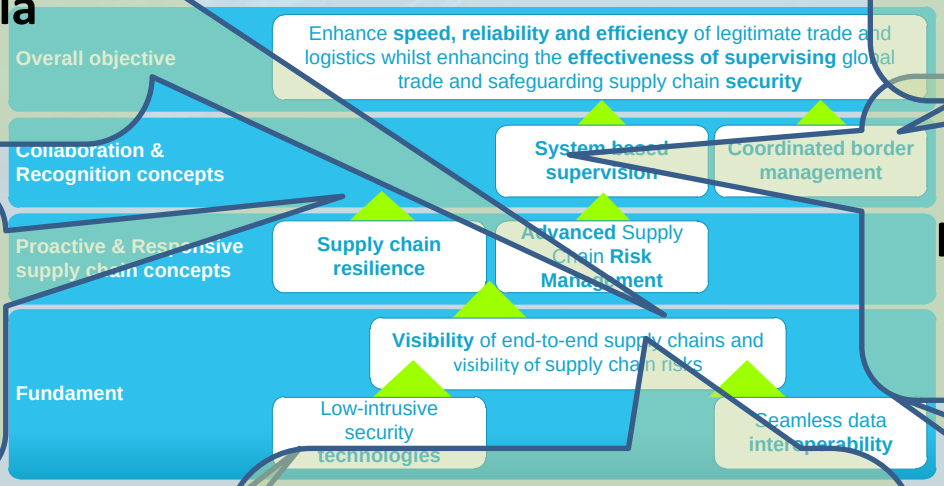
CORE Overall Objective through datapipeline



Demo's and key concepts

Large scale Demo
(Maersk)
Seacon NL - Asia

Flora Holland NL -
Kenya
Felixstowe Port
Seacon NL - Asia



DHL Spain – USA
P&G USA - Belgium

BSH Spain –
China
Efico Belgium -
Colombia

DHL Spain – USA
P&G Belgium - USA

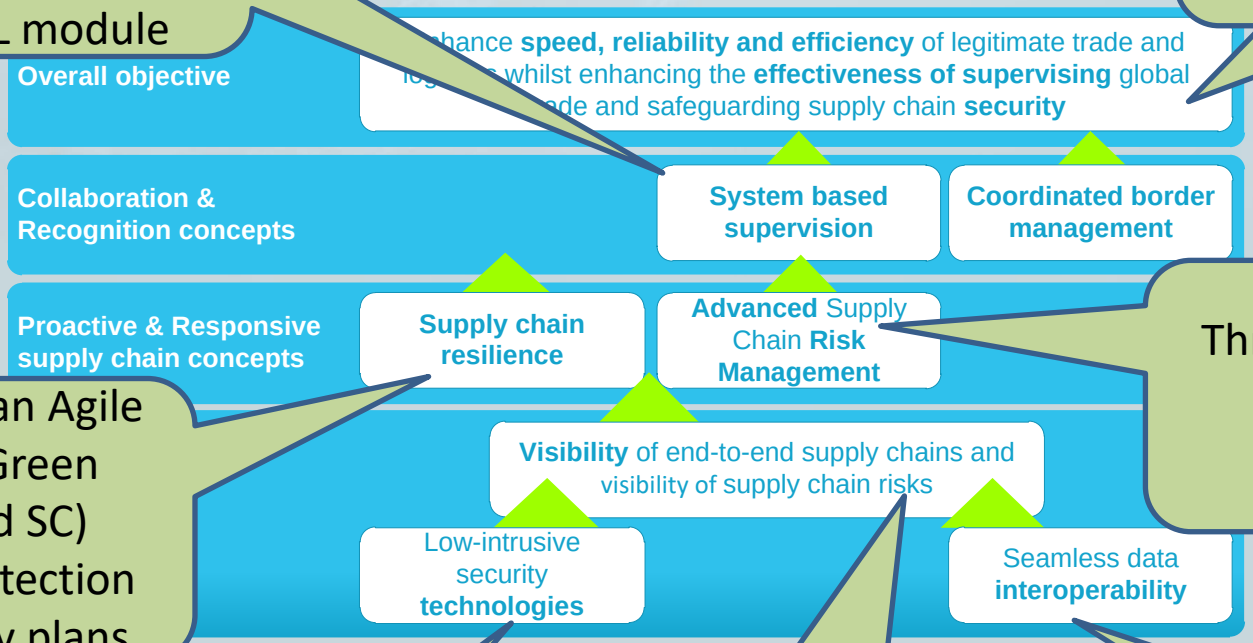
Flora Holland Kenya -NL
Felixstowe Port
Large Scale Demo (Maersk)
Efico Colombia-Belgium
DHL Spain - USA
BSH Spain – China
P&G Belgium - USA

Efico Colombia -
Belgium
BSH Spain -
China

Alignment Tools & Key concepts

Trusted trade lane supervision
Customs dashboard
Multiple filing / ICS2
MTVA-TTL module

Customs – Phyto integration
Customs – dangero goods transport



MultiMethod
Threat&Vulnerabilti
Analysis
CONTRAFFIC
TRIMIT

LARG+O (Lean Agile Resilient Green Optimized SC)
Anomaly detection
Contingency plans

Container Scanning Devices (CSDs)
Wagon tracking
Next Generation Scanning Systems (NGSS)

Data pipelines SC
Visibility tool
Situational awareness maps

Connectivity infra
SCSRF
Waypoint data model (WP10)

And now what ??!!

- Recommendations to European Commission
  - Customs dashboard to access additional info for facilitation and risk assesment
  - Maximize digitalisation of documents
    - Policy/regulation
    - B2B
    - B2G
- CORE lives on
  - Recent legislative proposal for e-documents
  - Selix/AEOLIX
  - ALICE