

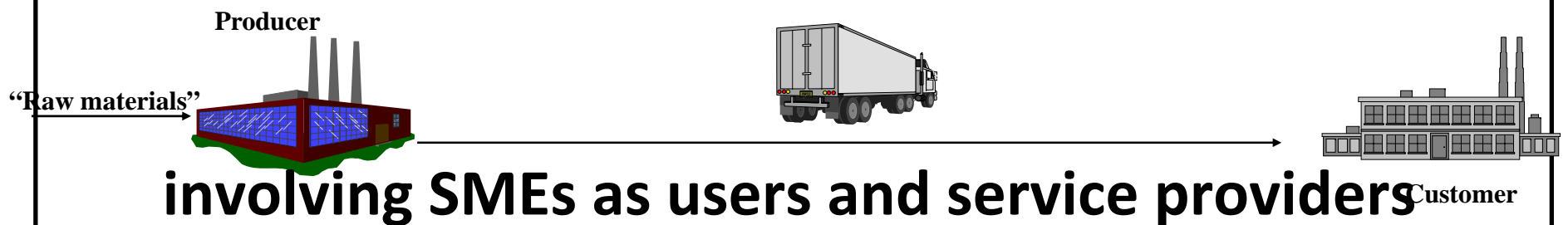
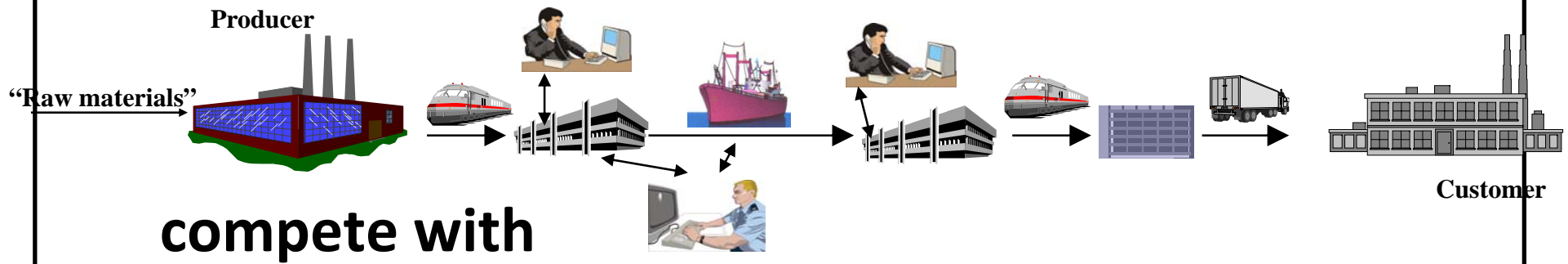


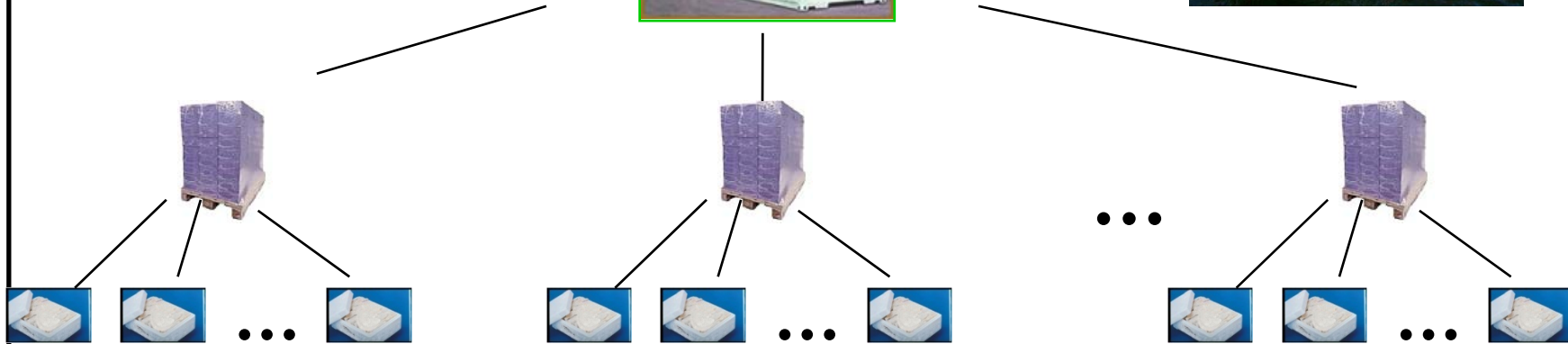
and



Jan Tore Pedersen
Marlo a.s
Norway

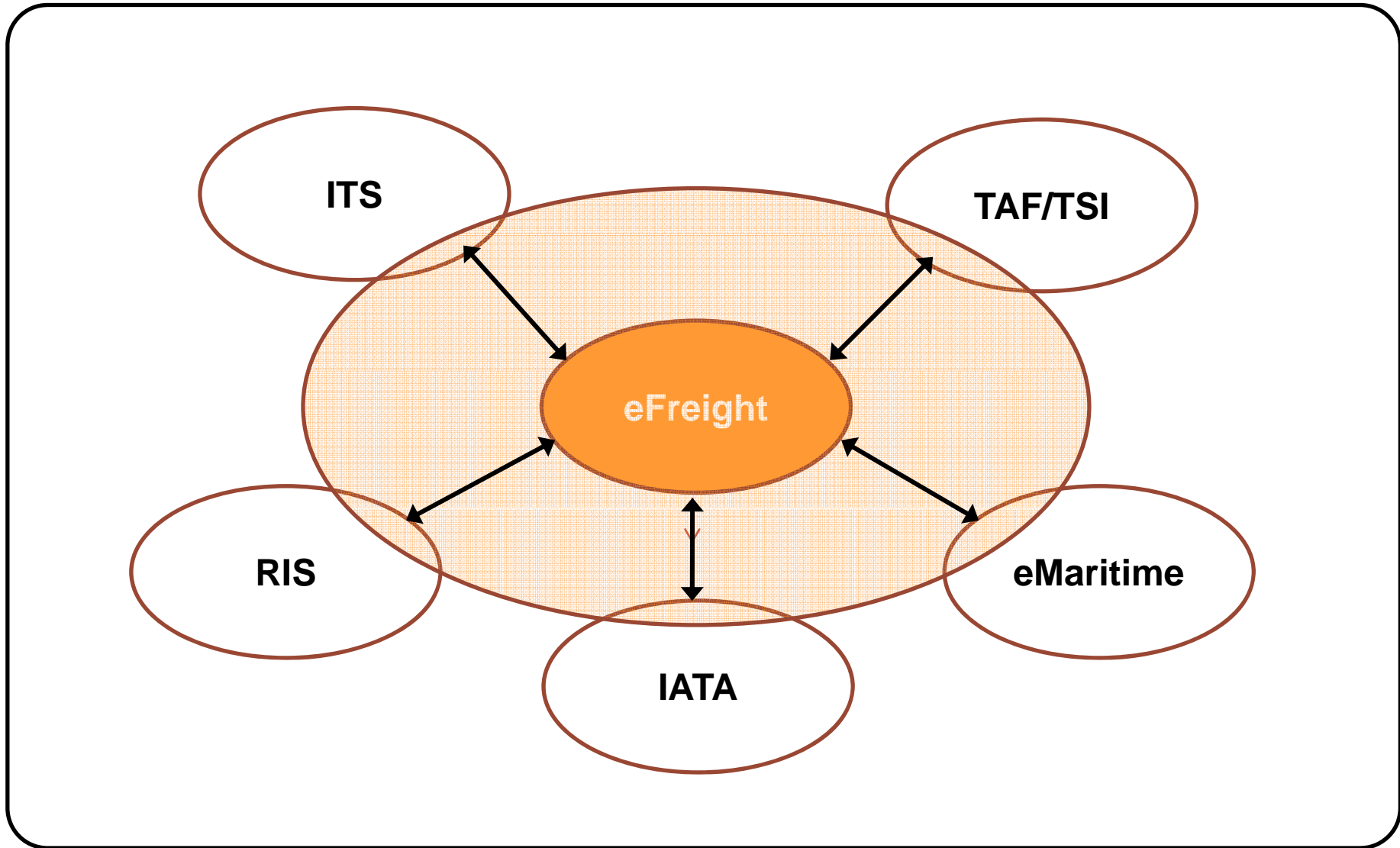
- **Letting**





- **First observation in the Freight transport Logistics Action Plan Oct 2007**
 - “Together with stakeholders, **develop a roadmap** for the implementation of e-freight, expanding on the concept of the "Internet for cargo" and identifying the problem areas where EU action such as **standardisation** is required”.
- **Special focus during the Swedish Presidency**
 - Development of an e-Freight Roadmap

- **Zero paper documents shall be needed for planning, executing and completing any transport operation within EU.**
- **There shall be zero waiting time related to administrative procedures at all border crossings within EU and for transport between EU and countries with which secure trade lanes have been established**
- **The e-Freight mechanisms shall be technology independent**



- 1. *A standard framework for freight information exchange covering all transport modes and all stakeholders.***
- 2. *A single European transport document for all carriage of goods, irrespective of mode should be developed along with all the necessary legislative support***
- 3. *A single window (single access point) and one stop shopping for administrative procedures in all modes.***
- 4. *Simple, harmonised border crossings procedures for all modes of transport for all EU member states.***
- 5. *Simple procedures and the necessary infrastructure for establishing secure and efficient transport corridors between Europe, USA, and Asia***

- **Bringing together:**

- **Transport Management:** shippers, forwarders, operators and agents
- **Traffic and Infrastructure Management:** rail, road, sea, inland waterways
- **Administration:** customs , Border Crossing, Hazardous Cargo, Safety and Security.

- **Developing**

- **A reference architecture** for intermodal transport and the integration of relevant IT systems — including legacy systems — in the business cases and beyond.

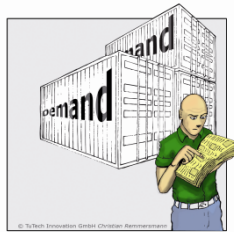
- **Supporting**

- the co-operation of the different sectors in order to develop and demonstrate suitable intermodal transport solutions in a **range of business cases**.
- complex service integration into integrated transport chains .

- **1995-2005: The learning period**
 - Understanding the complexity of multimodal transport
 - Aiming to live with it
- **2006- : Making use of what we know**
 - Realising that much of the complexity of intermodal transport is “man made”
 - Aiming to simplify it

Efficient Cooperation Between Roles

Transport User



Transport demand
 Specifies the need for transport and approves transport execution plan based on information of services (routes, terms and conditions).
 Monitors status decides corrective actions.



Transportation Network Manager

Transport Network Utilisation and Infrastructure
 Provides information about the current and foreseen situation of the network.
 Controls traffic in the transport network



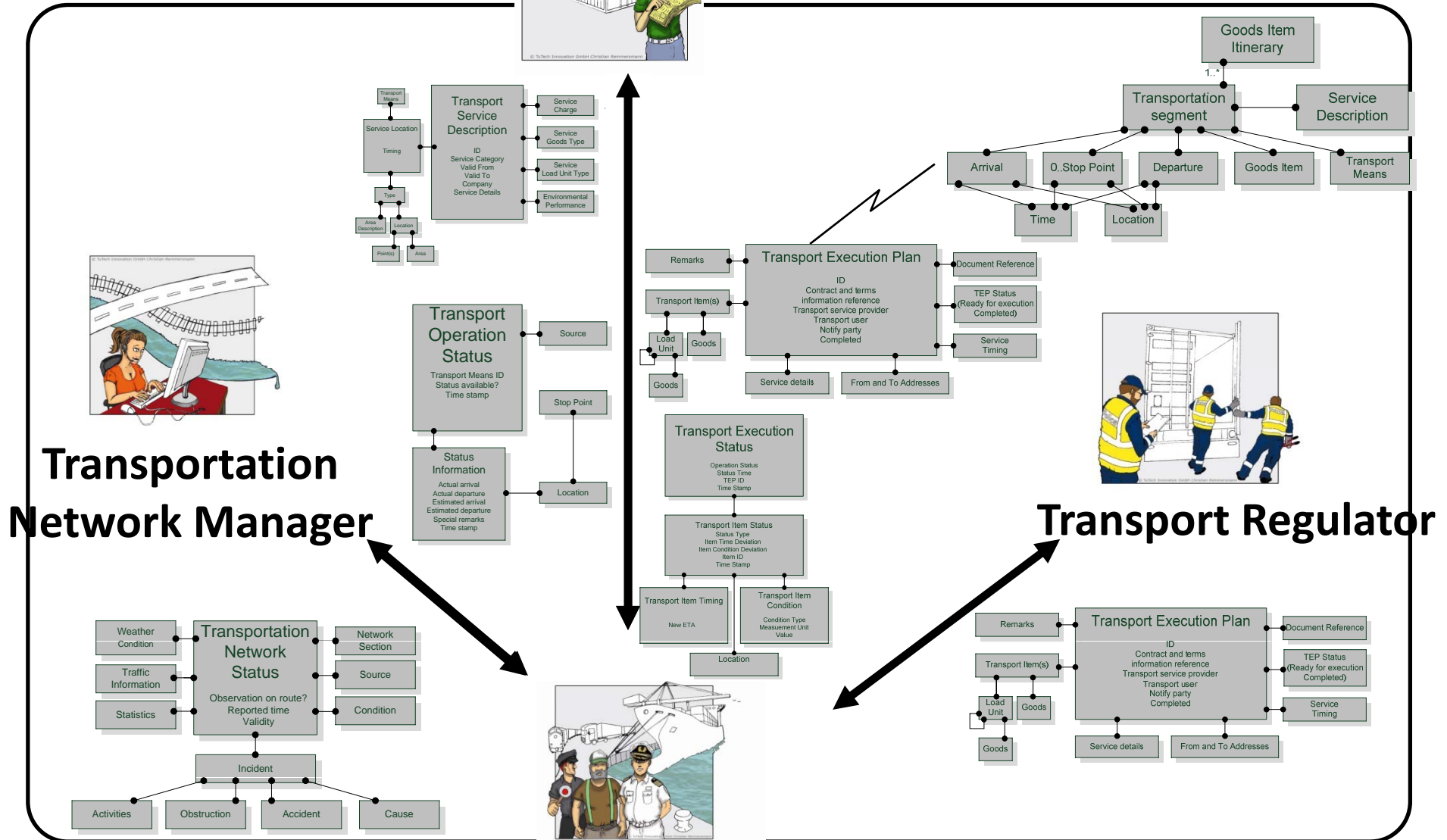
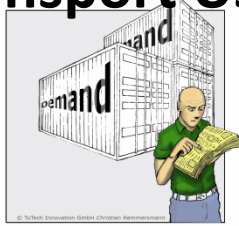
Transport Regulator

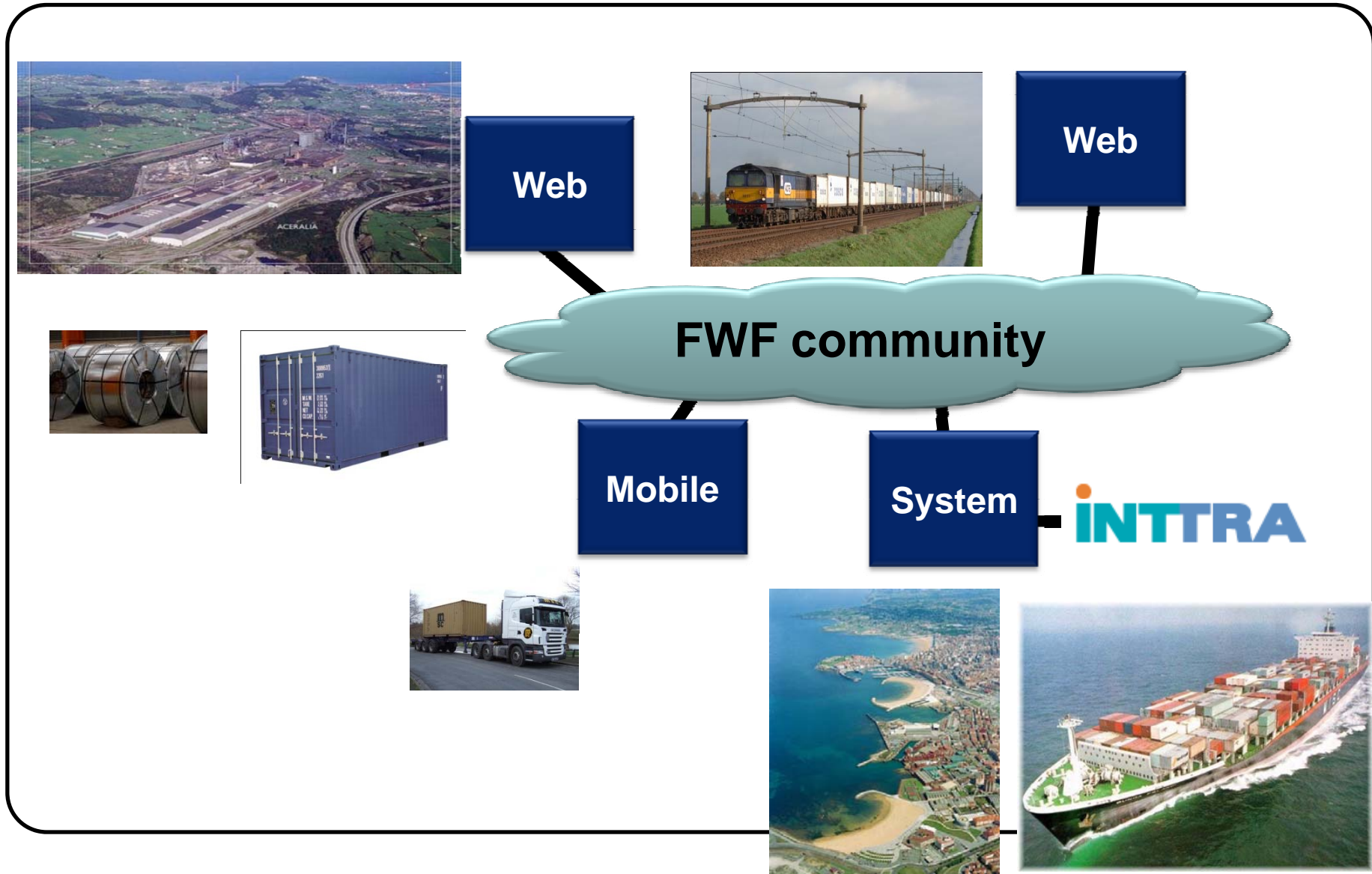
Transport Support and Regulation
 Develops the regulatory framework.
 Ensures that transport is conducted accordingly



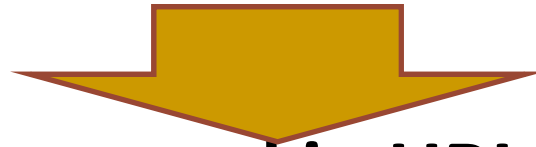
Transport Service Provider

Transport Supply
 Publishes services.(Routes, cargo types, etc)
 Proposes transport execution plan.
 Executes transport
 Reports transport status





- **Transport Execution Plan – TEP**
- **Transport Execution Status – TES**
- **Transport Operation status – TOS**



- **Currently accepted in UBL 2.1 for transport**
- **To be evaluated by UBL:**
 - Transport Service Description – TSD
 - Goods Item Itinerary - GII

- FP projects decided to develop common framework

DG TREN

DG RTD

DG INF SO

DG ENTR



- 1. *A standard framework for freight information exchange covering all transport modes and all stakeholders.***
- 2. *A single European transport document for all carriage of goods, irrespective of mode should be developed along with all the necessary legislative support***
- 3. *A single window (single access point) and one stop shopping for administrative procedures in all modes.***
- 4. *Simple, harmonised border crossings procedures for all modes of transport for all EU member states.***
- 5. *Simple procedures and the necessary infrastructure for establishing secure and efficient transport corridors between Europe, USA, and Asia***

- **Standard Framework**
 - Builds on FWF, continues standardisation process and introduces ontologies
- **Single Transport Document**
- **Next generation Single Window**

