

# TA Proposal

# ESPON Port-Cities 2025

Lead partner: Province of Savona (Italy)

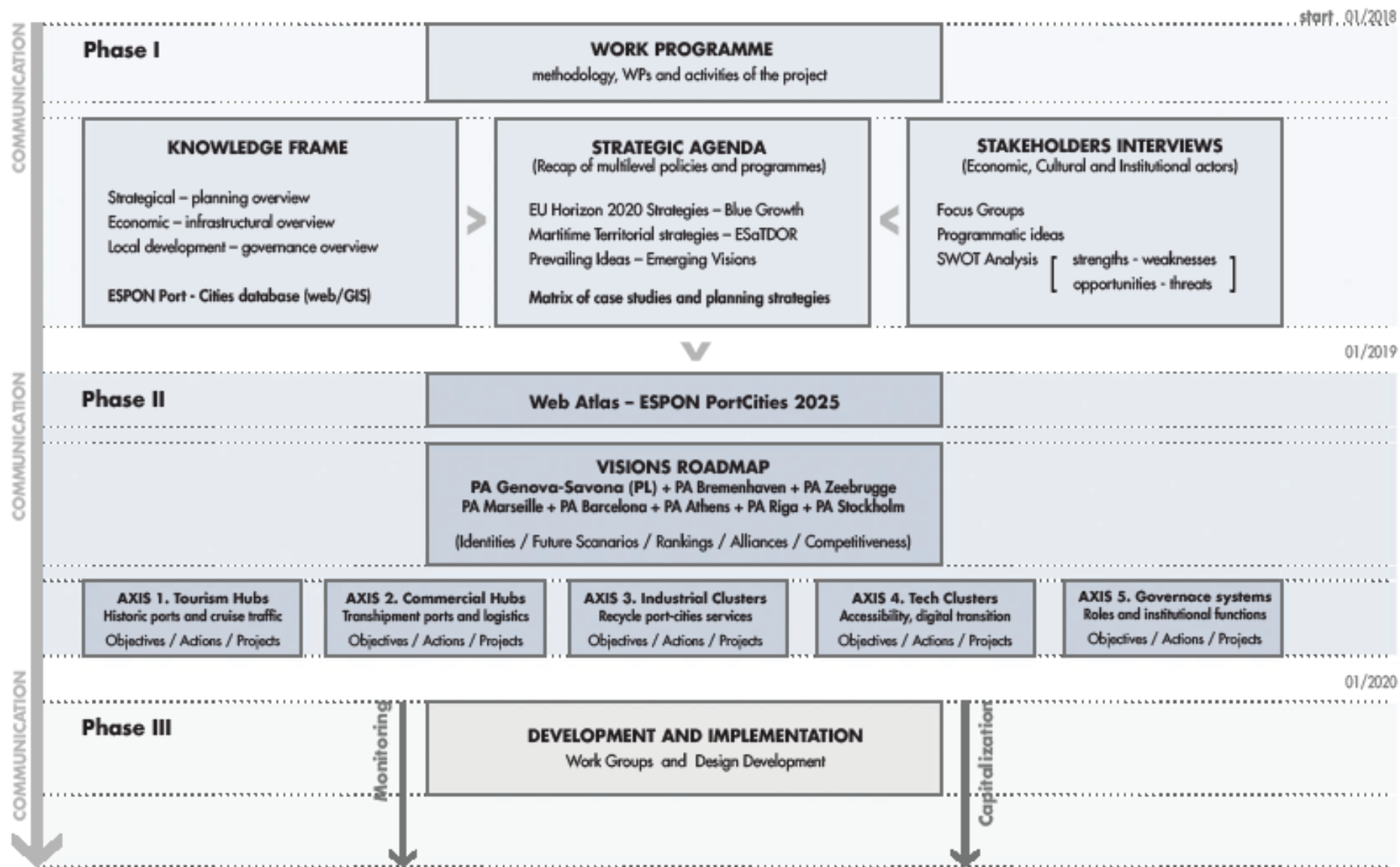
Belgian contact point



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ESPON 2020 Cooperation Programme  
**Targeted Analyses**  
**ESPON PortCities 2025**



# Objectives

- Reduction of mobility impacts (trucks), cargo and Ro-Ro transportation
- Reduction of environmental impacts and reduction of pollutants in air
- Increase of cargo transport on railways
- Increase of reception of sea transport (highways of the sea)

# Research focus: Green-tech clusters

- Industrial cluster re-conversion
- Reduction of impacts
- Enhancement of City-Port services in relation to new models of governance (accessibility, digital transition, new infrastructures)

# Economic / infrastructural framework

- Decline of the export shipping quotas from China
- Overabundant supply of logistic spaces and terminals in Europe
- Too high offer of cargo bay (low freight rates) > rationalization of players (merging of companies)
- Change in size of ships (430/490 m long, 52/65 m wide, 60/70 m high, 18/19 m draft)
- Overabundance of freight terminals compared to traffic demand
- Great competition and low costs of nautical services (parking fees, trailer, unloading)

# Challenges

- Positioning, alliances and competitors: port specialization in Europe
- New industrial clusters (close to terminals): rationalization of infrastructure/planning
- Efficiency of services and logistics: forwarding to destination of goods (accessibility, inter-modality)
- Shipping/customs/transportation times (rail/trucks)

# Strategical / planning framework

## **Internal changes (port)**

- Increased conflicts between port functions (transport, fishing, passengers, ferry, industry, shipyards)
- Increased demand for port space flexibility (home ports)
- More visibility on environmental impact/mitigation strategies (transformations and uses)
- Territorial marketing and branding

## **External changes (territorial scale)**

- Efficiency of accessibility axes in/out port systems (European corridors)
- Geographic localization / re-design of the dry port/catchment areas
- European strategies (Alps-Med Euroregion, H2020, ESPON,...)






# Challenges

- Which ideas of port-related cities (Port-Cities database) and alignment with ESPON research
- City-Port comparative development scenarios (national port reform)
- Update of models/planning tools (transformation, management): coordination committee on portuality between Ministries (environment, infrastructures, economic development)



# Local topics: Savona

- Identification of the port logistic system Savona Vado-Quiliano in relation to the transformation areas
- Connection of logistic platform, ports and infrastructure, and assessment of urban impacts
- Connection to European Transport Networks (corridor 5 and axis 24) and alpine passes
- Localization of port background areas in the northwest region
  
- Coastal territory of Liguria and Provence heavily crossed by heavy goods
- France > Rhône (saturated): 2nd direction towards Gap
- Italy > Genoa: 3rd crossing (weekend peaks)

Rank EU	City-Port	Country	Cargo volume Tons	Container traffic TEU	Total Passengers n. people	Coastal Settlements n. inhabitants	Sea/Territory	EU Corridors connections	Website
<b>NORTHERN EUROPEAN PORTS</b>									
43	Rostock	 Germany	26.8 mil.	0.7 mil.	2.3 mil.	<b>202.735</b>	Baltic Sea	Scandinavian-Med / Orient/East-Med	www.rostock-port.de
21	Ghent	 Belgium	26.3 mil.	0.8 mil.	0.2 mil.	<b>251.133</b>	Canal port (Nord Sea)	Rhine-Alpine	www.portofghent.be
<b>SOUTHERN EUROPEAN PORTS</b>									
12	Genoa-Savona	 Italy	51.2 mil.	2.2 mil.	1.1 mil. Genova 1,0 mil. Savona <b>2,1 mil.</b>	<b>604.848</b> Genova <b>61.219</b> Savona	Ligurian Sea	Rhine-Alpine	www.porto.genova.it www.porto.savona.it
5	Valencia	 Spain	69.6 mil.	4.6 mil.	0.9 mil.	<b>790.201</b>	Balearic Sea	Med	www.valenciaport.com
8	Athens-Piraeus	 Greece	20.4 mil.	3.3 mil.	1.1 mil.	<b>3.090.508</b> Athens <b>448.997</b> Piraeus	Aegean Sea	Orient East-Med	www.pct.com.gr www.olp.gr/en