SKEMA Project Overview

December 2008

www.skematransport.eu

Objectives

- SKEMA is a three year project funded by the European Commission - DGTREN under the Seventh Framework Programme.

- It is aimed at establishing a Sustainable Knowledge Platform for the use of stakeholders in the Maritime Transport & Logistics industry.

- The SKEMA Knowledge Platform will contain a Knowledge Base that will be populated by project Studies and outputs from workshops and case studies addressing key challenges for the European maritime transport and logistics industry.

- The Studies will be constructed to facilitate improved usability and accessibility of valuable results from previous projects, studies & publications.
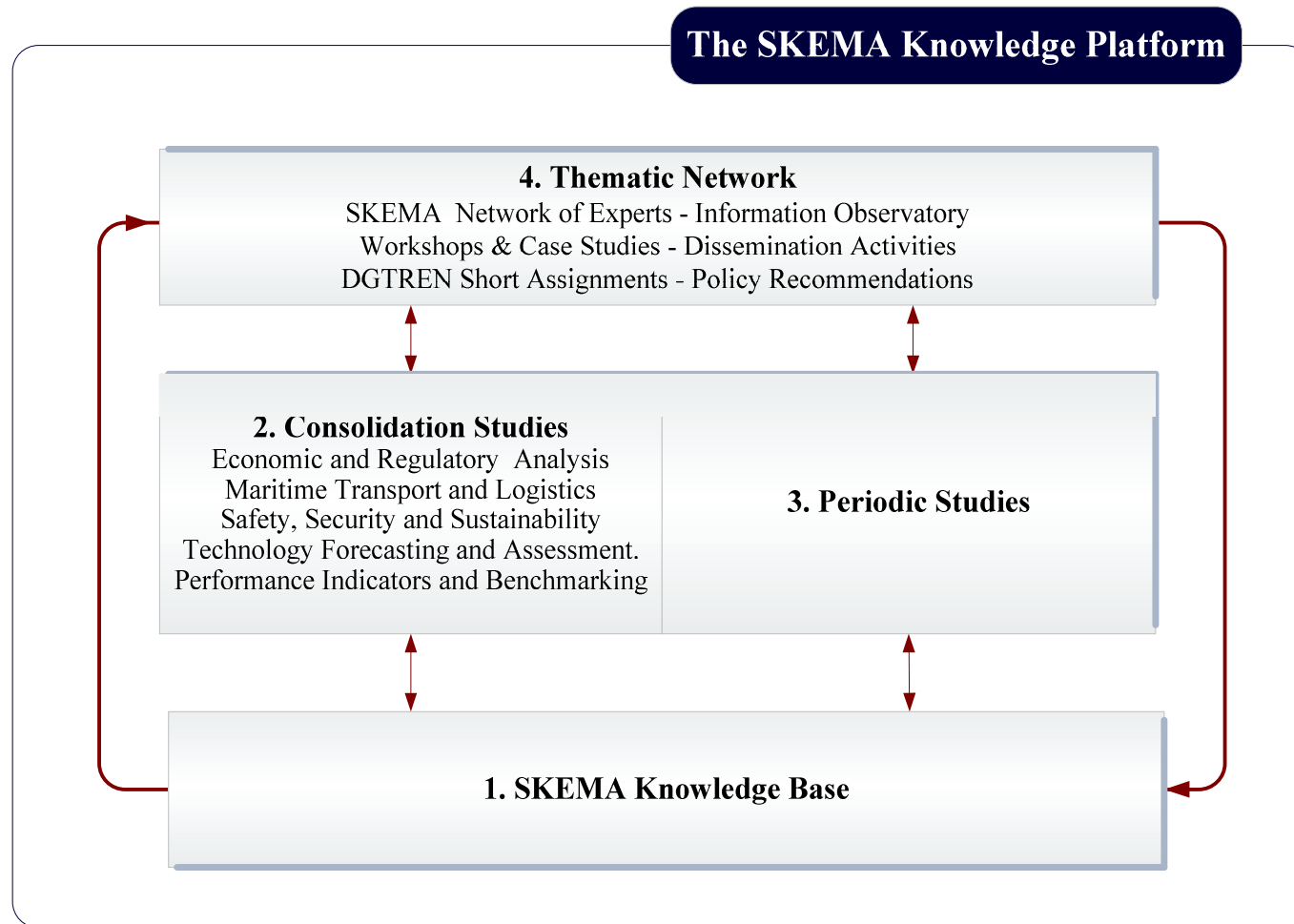
Objectives

▸ Facilitate the exchange of information amongst stakeholders in the European maritime transport and logistics industry, raise awareness of relevant research, provide overview and detailed information on current technologies and best practices at European, regional and national levels;

▸ Assist in the recognition of obstacles that hinder the implementation of European policies and in proposing and assessing solutions;

▸ Provide base material that will help in the formulation of advice on various policy initiatives, such as legislation, (including simplification), standardisation, research, networking and co-operation between administrations.

Project Overview

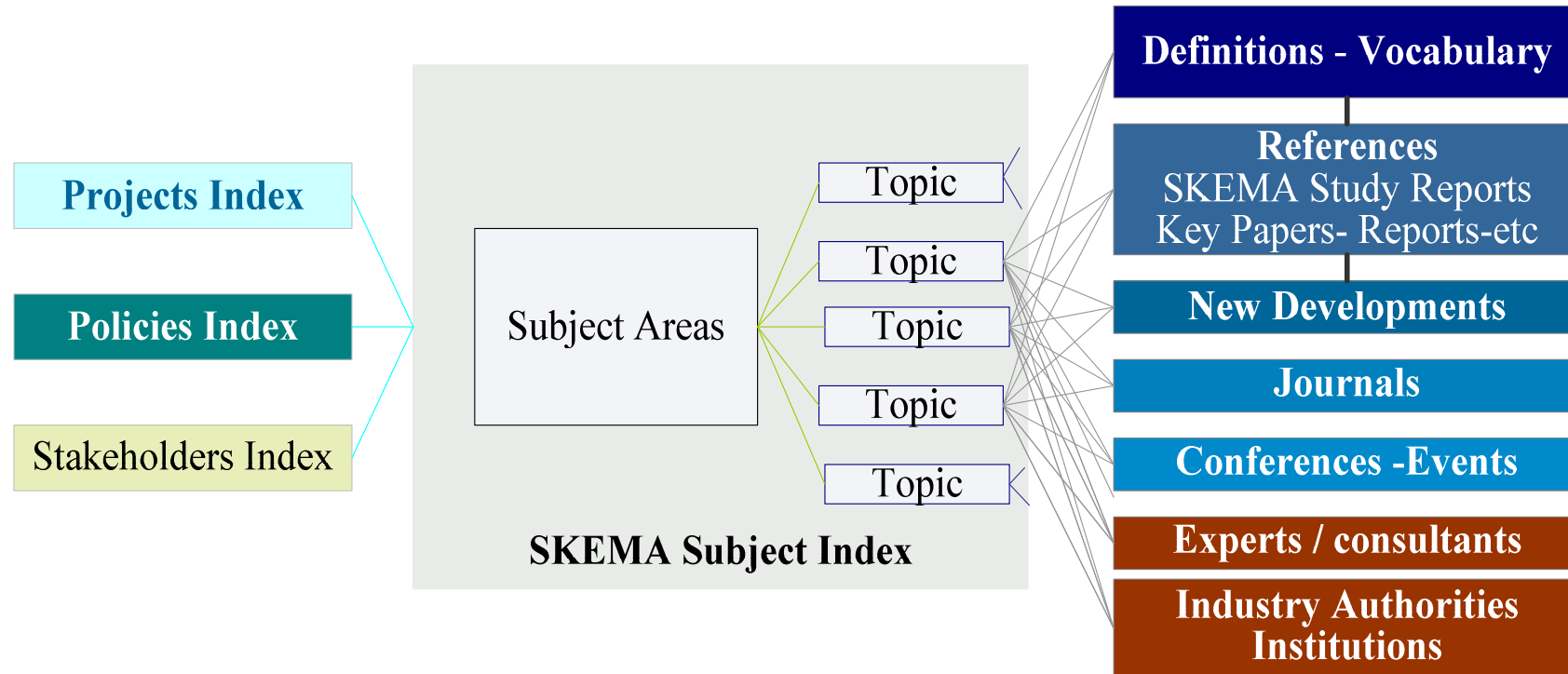- **Consolidation Studies** will provide a coherent view of key aspects of Maritime Transport and Logistics, based on the challenges posed by the Commission's Mid-Term Review.

- **Periodic Studies** will address areas of interest to DGTREN in a focussed and well-scoped manner.

- The **Thematic Network** will engage the maritime transport & logistics industry in the activities and outputs of SKEMA.

- The **SKEMA Knowledge Base** will make available to the maritime transport and logistics community the essential elements of the Consolidation & Periodic Studies in an attractive, easily comprehendible style, readily accessible through contextualisation of the information in subject-specific categories

Project Overview

The SKEMA Knowledge Platform

4. Thematic Network
SKEMA Network of Experts - Information Observatory
Workshops & Case Studies - Dissemination Activities
DGTREN Short Assignments - Policy Recommendations

2. Consolidation Studies
Economic and Regulatory Analysis
Maritime Transport and Logistics
Safety, Security and Sustainability
Technology Forecasting and Assessment.
Performance Indicators and Benchmarking

3. Periodic Studies

1. SKEMA Knowledge Base

SK<MA
INTERACTIVE KNOWLEDGE PLATFORM
FOR MARITIME TRANSPORT AND LOGISTICS

Approach

Projects Index

Policies Index

Stakeholders Index

Subject Areas

Topic

Topic

Topic

Topic

Topic

SKEMA Subject Index

Definitions - Vocabulary

References
SKEMA Study Reports
Key Papers- Reports-etc

New Developments

Journals

Conferences -Events

Experts / consultants

Industry Authorities
Institutions

SKEMA Subject Index

Economic Analysis - European Transport Market
Trade and transport models
Modelling Intermodal Transport Services
Relationships between interregional trade, economic growth and maritime services
Practices, trends and supports for financing transport resources
Competition

Regulatory and Policy Framework
Regulatory Framework for Maritime and Intermodal Transport
National variations on legal issues regarding trade, logistics and intermodal transport
EU Transport Policy Analysis: strengths and weaknesses

Maritime Transport and Logistics Developments
Dominant trends in logistics and supply chain management
Maritime transport human resources and education & training
Maritime and intermodal transport developments
Design of improved D2D networks

SKEMA Subject Index

Safety Security and Sustainability Capabilities

European capabilities for safety and security

Methods for assessing safety and security performance

Strategic Framework for Sustainable Transport

Technology Forecasting and Assessment

Ship and fleet management technologies

Port technologies

Technologies deployed to improve visibility and operational risk management within supply chains

ICT developments for Integrated D2D freight transport services

Co-modal Transport 2030–Major challenges and opportunities

Quality Criteria and Performance Indicators

Review of Quality Criteria and Performance Indicators

Method for establishing and maintaining operational standards for D2D Services

SKEMA Subject Index

Strategic Framework for Sustainable Transport
Methods for calculating externalities
Emission trading schemes
Sustainability Perspectives on Marketing Maritime and Co-modal transport services
Corporate responsibility practices in a Ship & Logistics Operator -Acciona
Corporate responsibility practices in the Ports -Dublin case study

The e-Maritime Study

▸ First stakeholder workshop meeting organised at GPI 18TH of November to:

  ▸ draw on industrial expertise in order to examine the issue from a number of perspectives

  ▸ identify the key areas in which e-Maritime should be focussed

  ▸ discuss the challenges and practicalities of implementation

  ▸ set priorities for the e-Maritime agenda

▸ Next workshop will be organised by the Dublin Port on 21 January 09 'pre-survey' with participants

▸ Stakeholder workshop for Administrations will be organised by Latvian Maritime Authority March 09

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The Consortium

1	Athens University of Economics and Business	AUEB-RC	Greece
2	Technical Research Centre of Finland	VTT	Finland
3	Nautical Enterprise Centre Ltd	NECL	Ireland
4	INLECOM Systems Ltd	ILS	UK
5	Göteborg University	UGOT	Sweden
6	Centre for the development of Transport and Logistics in Europe	CETLE	Netherland
7	EBOS Technologies Ltd	EBOS	Cyprus
8	Maritime Administration of Latvia	MAL	Latvia
9	London Metropolitan University (Global Policy Institute)	MU-GPI	UK
10	PORTEL SERVICIOS TELEMATICOS S.A.	POR	Spain
11	Irish Exporters Association	IEA	Ireland
12	COMPAÑÍA TRASMEDITERRÁNEA	AT	Spain
13	Dublin Port Company	DPC	Ireland
14	Øresund University (ØRESUND Logistics)	OL	Denmark