



*IV edition*

**International Forum**

**on technological innovation for a competitive and  
sustainable development of port system and  
shipping**

*Working paper*

**Genoa  
Centro Congressi Porto Antico  
29<sup>th</sup> – 30<sup>th</sup> November 2012**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

## Thursday 29<sup>th</sup> November

### h. 9.30 a.m. - 1 p.m.

#### **Scirocco Hall**

**Smart Ports: projects, technologies and ICT solutions for the competitive development of logistics**

#### First Session

The requirements of the demand and of the international shipping operators

#### Second Session

Evolution of the national institutional context

### h. 2 p.m. – 6 p.m.

#### **Scirocco Hall**

**Portiamo Sviluppo - Il porto diventa Smart: progetti, tecnologie e soluzioni ICT per lo sviluppo competitivo della logistica**

#### Third session - Round Table

Smart mobility: the role of goods logistics

#### Fourth session

Platforms, systems and projects for the competitive development of the national logistic system

### h. 2.30 p.m. – 6 p.m.

#### **Libeccio Hall**

**Green Ports: environmental protection, intelligent energies and sustainable mobility in the port and coastal contexts**

Organizzato da:



#### **Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

#### **Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**Friday 30<sup>th</sup> November**

**h. 9.30 a.m. - 1 p.m.**

**Libeccio Hall**

**Green Shipping Summit: LNG for sea transport**

**Scirocco Hall**

**Management models for urban-port waterfronts: international experiences and the Genoa case (1° session)**

**h. 2 p.m. - 6 p.m.**

**Libeccio Hall**

**Green Shipping Summit: equip ports and modernize the fleet as a competitive factor for the Italian system**

**Scirocco Hall**

**Management models for urban-port waterfronts: international experiences and the Genoa case (2° session - 3° session)**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**Smart Ports**  
**projects, technologies and ICT solutions for the competitive**  
**development of logistics**

*In collaboration with Giovani Imprenditori Confindustria Genova*

Thursday 29<sup>th</sup> November  
Scirocco Hall h. 9.30 a.m. – 1 p.m.

**Main Topics**

- ❖ Needs and expectations expressed by the demand of logistic services and international shipping companies
- ❖ The national ITS plan and the possible impacts on development of the new technological standards and of the application systems in the world of ports and logistics.
- ❖ The development of the "single maritime office"
- ❖ Digitalization and interoperability of the port customs system
- ❖ Experiments and projects started in Italy

**Welcome and opening of the event**

**Umberto Suriani** - President **GGI Group of Young Genoa Entrepreneurs**

**First session**

**The requirements of the demand and of the international shipping operators**

*Titolo da definire*

**Giorgia Bucchioni** - Vice president of **Confindustria Young Entrepreneurs**

*Streamlining procedures and optimizing transportation costs: a view on the port considering the Demand aspect*

**Emilio Carmagnani** – **Port, Logistics and Infrastructures Commission - GGI Group Genoa Young Entrepreneurs**

*Title to be defined*

**Jens Peder Naskov Nielsen\*** - Project Implementation Manager **APM Terminals**

*Title to be defined*

**Pieter Verbakel\*** – Senior Policy Advisor Information Management **Customs Administration of the Netherlands** (Rotterdam)

Interventions c/o representatives of the demand (charterers operating in Italy)

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it



**Second session**

**Evolution of the national institutional context**

*Title to be defined*

Intervention by **Assoporti**

*Nuovo quadro normativo degli interporti: quali le prospettive*

**Alessandro Ricci - Presidente UIR**

**Maria Teresa Alvaro\*** – Director Central Unit Technologies for Innovation **Customs Agency**

*Title to be defined*

**Piero Lazzeri** - President of **Fedespediti**

*Title to be defined*

**Gian Enzo Duci\*** – President of **Assagenti**

*Title to be defined*

**FerCargo**

*The contribution of the project PON Reti e Mobilità 2007-13 to the development of ports in the South of Italy and to the maritime-rail intermodal transportation*

**Cyntia Fico** – Management Authority of the National Operative Program (PON) Reti e Mobilità 2007-13, **Ministry of Transport and Infrastructure**

**Giovanni Infante** – Responsible for the line of intervention for ports and inland terminals, **Ministry of Transport and Infrastructure**

**Third session - Round Table**

**Smart mobility: the role of goods logistics**

Organized by **Selex Elsag**

*Chairman:* **Carlo Medaglia** - Member of the Technical Office of the **Ministry for Infrastructures and Transportation**

Interventions c/o:

Finmeccanica & Selex Elsag stakeholder of the national logistic and port system (port authorities, common technological districts, research centres, universities, experts in the sector)

Organizzato da:

 Click Utility

**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**Fourth session**

**Platforms, systems and projects for the competitive development of the national logistic system**

**Chairman: Carlo Medaglia** - Member of the Technical Office of the **Ministry for Infrastructures and Transportation**

*The launch of the UIRNET National Logistic Platform: macro services offered to national logistics operators*

**Rodolfo De Dominicis** – President of **Uirnet**

*"TIGER" Project*

**Maurizio Anselmo\*** – Managing Director of **Terminal San Giorgio**

**Luca Abatello** – CEO **Circle**

*Strategies and project for a network among the port operators*

**Lorenzo Forcieri\*** – President of **La Spezia Port Authority**

**Federica Montaresi** - Head of Special studies and projects office **La Spezia Port Authority**

*Title to be defined*

**Gilberto Danesi\*** – **VTE (PSA Group) Managing Director**

*The GAIA Information System of the Bari port*

**Mario Mega** - Technical Manager **Eastern Port Authority - Bari**

*Evolution of the E\_Port project*

**Luciano Boselli\*** - **Genoa Port Authority**

Intervention c/o **Almaviva**

## **Green Shipping Summit**

*In collaboration with Confitarma, and Ecba Project*

**Friday 30th November**

**Libeccio Hall h. 9.30 p.m. - 6 p.m**

Despite the great Italian tradition in naval engineering, shipbuilding and shipping management, the present crisis phase and the environmental evolution scenarios are subjecting the companies within the maritime sector to deep and challenging restructuring and innovation processes, which if not supported by an overall commitment of our government system, they risk see their efforts thwarted by an ever increasing international competition, always more heated and organized on a system level.

The environmental stimulation to technical innovation nowadays concerns all areas of maritime transportation: from the creation in the ports of a logistics- infrastructure system, suitable for the supply of environmental reduced impact marine fuels, such as LNG, capable of satisfying the future requirements of the environmental regulations, with profitable economic conditions, the planning and construction of low level energy consumption ships, endowed with innovative power supply systems, to retrofit interventions on the ships for an economically efficient operations management of energy and environmental operations (energy saving devices, low consumption ballast waters treatment systems, wastes purification, bilge oils filtering, waste sorting and wastes minimization), to the monitoring systems and integrated management of waste and risk factors. In particular, in order for the low environmental impact new fuels to be made available in the ports, there has to be a joint and coordinated effort of all public subjects competent on various grounds within the realization of land infrastructures and the release of new concessions for the new bunkering services.

The 2012 edition of the Green Shipping Summit aims at getting involved and stimulating attention of all subjects involved - public administrations, ports, national shipbuilding, engineering and naval research companies, fuel suppliers and ship owners - on the opportunities of competitive advantage offered by the various branches of technological innovation in the maritime sector, from an environmental view point. For this purpose, the whole day of Friday 30th November will be dedicated to the emerging theme of LNG and new fuels for naval propulsion, whereas on the afternoon of Thursday 29th November will be dedicated to innovations regarding ships energy and environmental efficiency.

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

## First session

### Equipping the ports: opportunities, rules and problems to solve

Welcome speech from the Liguria authorities

*Introduction*

**Luigi Merlo\*** – President of the **Genoa Port Authorities**

Chairman: **Carlo Podenzana Bonvino** - Director of DINAEL - Ship and Electric Engineering - **University of Genoa**

*Prospects for LNG within the national energy strategy*

**Gilberto Dialuce\*** - Department for Energy - General direction for safety in energy supplying and infrastructures - **Ministry of Economic Development**

*Maritime transportation at a crossroads: evaluating costs and economic - environmental opportunities of LNG propulsion for a system strategic choice*

**Andrea Molocchi** - partner, **ECBA Project srl**, Environmental Cost Benefit Analysis to Assess Innovation

International best practices and ongoing project on the LNG supply chain in Northern Europe and in the Mediterranean

*Results of Project LNG Infrastructure in North Europe*

**Antonis Michail** - Policy Advisor, EcoPorts Coordinator, European Sea Ports Organisation **ESPO**

*Costa Project for marine LNG infrastructure in the Mediterranean*

**Simona Costa** - **Liguria Region**

*The authorization procedure for granting the public domain in concession within the realization of LNG storage facilities for marine use*

**Patrizia Scarchilli** - Manager Division 2 **Ministry for Infrastructures and transportation, Transportation, Shipping, Statistic and Information Systems Department, General direction for Ports**

*The role of the fire brigade for the realization of LNG storage facilities and the new provisions established by DPR 1<sup>st</sup> August 2011, no. 151.*

**Fabio Dattilo** - Director Central Unit for Prevention and Technical Safety - Fire Brigade, Public Rescue and Civil Defence Department

**Ministry of the Interior**

**Paola De Nictolis** - Officer of Central Direction for Prevention and Technical Safety - Fire Brigade, Public Rescue and Civil Defence Department - **Ministry of the Interior**

*The role of the Port authorities in building an LNG supply chain for ship use*

Organizzato da:

 Click Utility

**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it



**Giuseppe Di Luca - Genoa Port Authority**

*LNG bunkering ships for a supply logistics by sea. Experiences and proposals of a planner (title to be confirmed)*

**Marco La Valle** - General Manager **MES** (Marine Engineering Services)

**Possible suppliers of LNG for ship use**

Interventions c/o **Iren** (*to be confirmed*)

*Some evaluation elements on availability and costs of oil compliant fuel through the existing supply chain (title to be confirmed)*

**Franco Del Manso – Unione Petrolifera**

**12.30 Debate and questions**

2 p.m. – 6 p.m.

**Second Session**

**Modernizing the fleet: opportunities, rules and problems to solve**

Chairman: **Valeria Novella** - President of Young Ship owners **Confitarma**

*Regulatory framework and national initiatives for sustainable maritime transportation*

**Giuseppe Alati** - Manager 4<sup>th</sup> Division - Integrated Management Systems for maritime transportation - **Ministry for infrastructures and transportation**

*The ongoing initiatives for a European shipbuilding promotion policy*

**Vincenzo Zezza** – Manager 9<sup>th</sup> and 10<sup>th</sup> Division (a.i.) - Industrial policies for large scale sectors - General Direction for Industrial Policies and Competitiveness  
**Ministry of Economic Development**

*Liquefied Natural Gas: project solutions for passenger ships and ship - dry land interface*

**Furio Boschieri - Fincantieri**

*LNG bunker demand and bunkering infrastructure*

**Giacomo Meazzi** - Managing Director **DNV Italia**

*Liquefied Natural Gas for short range navigation*

**Andrej Stopar** - Sales Manager **Wartsila Italia S.p.A.**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

Experiences, proposals and evaluations of the shipping companies

*A "system" proposal*

**Lorenzo Maticena** - Director **Caronte & Tourist Spa**

*The diffusion prospects of the sulphur scrubbing technology as an alternative to LNG: the Messina Line experience*

**Enrico Allieri** - Technical Director **Messina Line**

*Considerations on the future development of the use of LNG for ship propulsion*

**Maurizio D'Amico** - Business & Technology Development Director - **D'Amico Società di Navigazione Roma**

*Energy solutions for sustainable shipping*

**Marco Fasciolo** - Head of technical office **GNV (Grandi Navi Veloci)**

*Title to be decided*

**Dario Bocchetti** - Energy Saving Manager **Grimaldi Group**

## **Conclusion**

**Corrado Clini\*** - Italian Minister of Environment, Land and Sea

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**Green Ports:  
environmental protection, intelligent energies and sustainable  
mobility in the port and coastal contexts**

Thursday 29<sup>th</sup> November  
Libeccio Hall h. 2.00 p.m. - 6.00 p.m.

**Main Topics**

- ❖ Plans, projects and actions at National and European level for the sustainability of ports, marinas and coastal contexts
- ❖ Intelligent energies within ports, windpower in the respect of urban and historical context, the development of photovoltaic sector
- ❖ Private subjects and Port Authorities role; opportunities, advantages and management strategies
- ❖ Scientific approaches and planning for the management and monitoring of pollution in port-cities
- ❖ Sustainable mobility integrated in port districts, projects and solutions

*Chairman:* **Marco Castagna** - Director **Foundation MUVITA**

*EU policies and ESPO initiatives on port environmental management and sustainability* **Antonis Michail** - Policy Advisor, EcoPorts Coordinator, European Sea Ports Organisation **ESPO**

*Smart Ports: the development of mini windpower on shore in respect of the environmental context*  
**Sonia Sandei** - **ENEL Green Power**

*The Port Authorities and their multi-utility companies role for the development of photovoltaic sector in the port area*

**Renato Coroneo** - Manager **Palermo Port Authority**

*Shore-to-ship power integrated solution for energy saving and improvement of air quality*  
**Giancarlo Milesi** - **ABB Power System Division**

*Italian Marinas: sustainable development and environmental protection*  
**Leandro Gasperini** - **Assomarinas**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di Boccaccio Passoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

*I.MO.S.M.I.D.: a successful EU project for sustainable mobility in industrial and port districts*

**Luca Buzzoni** – Project Manager **Emilia-Romagna Region**

**Cino Repetto** – TBridge

*Sustainable Cruise: waste management on board of cruise ships and ashore at ports*

**Elisabetta Pinna** - Head of Campus Financing, Costa Campus **Costa Crociere** and project coordinator **Sustainable Cruise**

**Alessandro Bertorello** - ISO14001 coordinator **Costa Crociere**

*The development of approaches for the management and the mitigation of pollution and the sustainable development of European ports – the MED project: APICE*

**Paolo Preti** – Department of Physics – **University of Genoa**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova

Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176

E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com

Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it



## Management models for urban-port waterfronts International experiences and the Genoa case

*In collaboration with RETE Association and Porto Antico Genoa*

Friday 30<sup>th</sup> November  
Scirocco Hall h. 9.30 am - 6 pm

For its twentieth anniversary, Porto Antico di Genova promotes an international meeting on the recovery and development of the Porto Antico area of Genoa, which represents a successful example as concerns the requalification and transformation operations for an historical port area, which is nowadays perfectly integrated in the urban contest. The Workshop offers an opportunity to look back at the last twenty years and aims to gather opinions and evaluations from public administrators, representatives of other requalification operations, national and foreign experts and entrepreneurs.

### Main Topics

- ❖ International and national debate on the most interesting *case histories*, the paths, the targets achieved and to be achieved
- ❖ Analysis of the different functions in the urban, former port and coastal areas; future development trends of the reference markets (tourist and leisure, cruise, yachting - boating, service and business development markets)
- ❖ Role of the Company managing the area as a co-actor in the urban change for a smart city, sustainable as concerns energy and mobility
- ❖ Development plans and programmes for the waterfront, logics and objectives, the different levels of urban and administration planning and the mutual relationships
- ❖ International, national and public funding, the role of the public and private spheres

### Greetings of welcome and openness works

Intervention by President of **RETE**

**Ariel Dello Strologo** - President of **Porto Antico di Genova**

**Carlo Silva** - President of **Clickutility On the Sea**

**Rinio Bruttomesso** - Director of the Scientific Committee of **RETE**

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**First session**

**International cases of recovery of harbor waterfront**

*Chairman:* **Vicent Esteban Chapapría** - Professore Ports & Coastal Engineering - **Universidad Politécnica de Valencia**

*The case of Naples*

**Rosario Pavia** - Faculty of Architecture **University of Pescara**

*The case of Barcelona - Port Vell: Port 2000*

**Adolf Romagosa** - **Port 2000** - **Port of Barcellona**

*the case of Trieste – Porto Vecchio*

**Roberto Cosolini** - Mayor of **Trieste**

*The case of Bilbao*

**Juan Alvaro Alayo Azcárate** - Director of Planning - **Bilbao Ria 2000**

*The case of Dublin: Dublin Dockands*

**Seán O'Laoire** - Director of **MOLA Architects** - **Dublino**

*The case of Porto : Porto Vivo*

**Rui Loza** – Architect and urbanist, **Porto**

**Second session**

**Historical path and future plans of the redevelopment of the waterfront and the city of Genoa - the case of the Old Port**

Chairman: **Hilda Ghiara** - Faculty of Architecture - **University of Genoa**

*Porto Antico: la visione strategica di un cambiamento per la Città*

**Claudio Burlando\*** - President of **Ligurian Region**

*Porto Antico: lo sviluppo architettonico e tecnico*

**Renzo Piano\*** - **Renzo Piano Building Workshop**

*Porto Antico: La SpA, strumento gestionale per la realizzazione del progetto*

**Renato Picco** - past President of **Porto Antico di Genova**

*Future developments - the project Ponte Parodi*

**Nuno Almeida** - Associate Director **UNStudio** - **Amsterdam**

Organizzato da:

 **Click Utility**

**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova  
Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176  
E-mail: g.cottafava@clickutility.it - Web : www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com  
Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it

**Third session - Round table**

**Paradigm shift in business models and management the waterfront**

*Chairman:* **Rinio Bruttomesso** - Director of the Scientific Committee of **RETE**

**Luigi Merlo** - President of **Port Authority of Genoa/Assoporti**

**Ariel Dello Strologo** - President of **Porto Antico di Genova**

**Paolo Odone** - President **Chamber of Commerce of Genoa**

**Carla Sibilla** - Councilor for Tourism and Culture of **Genoa**

International guests of **RETE**

**Final intervention**

*Genoa: future developments - the strategic direction for the city*

**Marco Doria** - Mayor of Genoa

\*to be confirmed

Organizzato da:



**Segreteria Organizzativa**

Dott.ssa Gloria Cottafava - Via Sottoripa 1A, 16124 Genova

Tel: +39 010 42 17 101 - Fax: +39 010 999 86 83 - Mobile: +39 348 479 4176

E-mail: g.cottafava@clickutility.it - Web: www.shippingtech.it

**Ufficio Stampa a cura di BoccaccioPassoni**

www.boccacciopassoni.com

Tel.: +39 010 8692648 - E-mail: ufficiostampa@shippingtech.it