

**SMART, ENERGY EFFICIENT AND ADAPTIVE PORT TERMINALS**

# “SEA TERMINALS VALENCIA DEMO DAY”

Thursday 26 November 2015

**AGENDA:**

15:00 - 15:30	Registration at the headquarters of the Port Authority of Valencia*
15:30 - 16:30	<b>OPENING SESSION</b> - Chairman: Aurelio Martínez, Chairman and CEO of the Port Authority of Valencia
15:30 - 15:40	Welcome Address - Aurelio Martínez, Chairman of the Port Authority of Valencia - Douglas Schultz, CEO of Noatum
15:40 - 16:05	CEF Innovation and New Technologies - Helmut Morsi- EC, DG-MOVE-B, Adviser to the Director "European Mobility Network", Coordinator Innovation & New Technologies
16:05 - 16:20	General Presentation of SEA TERMINALS - Vicente del Río, General Director of Fundación Valenciaport
16:20 - 16:30	Opening Session Closure - Representative of the Regional Minister for Housing, Public Works and Territory Planning <i>tbc</i>

16:30 - 17:00 Departure to Noatum Container Terminal Valencia by bus

17:00-17:10 **WELCOME ADDRESS** - Gustavo Ferrer, Director of Noatum Container Terminal Valencia

17:10 - 17:25 Introduction to the Demonstrations - José Andrés Giménez, Coordinator of the SEA TERMINALS project

17:25 - 17:30 **GROUP PHOTO**

17:30 - 19:30 **LIVE DEMONSTRATIONS OF THE PROTOTYPES**  
(Participants will split up in 4 groups and will be able to see in action the following prototypes):

**Horizontal Transport Eco-Efficient Port Equipment**



- 100% Electric Terminal Tractor - SEA e-Tractor.  
- Frank Oerlemans, Export Manager of Terberg Benschop

Judge for yourself the advantages of the first European full electric terminal tractor, especially designed for port container terminal duties. The vehicle avoids 100% of local pollution and emissions and it reduces significantly noise levels.

- Eco-Efficient Reach Stacker and Empty Container Handler - SEA Eco-RS & SEA Eco-ECH.  
- Bouwe Everts, Platform Leader Big Trucks of Hyster

Both prototypes represent the state of the art in diesel technology regarding low carbon emission standards (Stage IV) and they include last generation improvements on eco-efficient technologies: LED lighting, start/stop function, etc.

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## CONTINUATION OF THE AGENDA:

### Yard Eco-Efficient Port Equipment

- Hybrid SEA Eco-RTG Gen Set.  
- *Fernando Monje, Head of Innovation and Product Development of Paceco*

The hybrid Eco-RTG is the perfect solution for old generation RTGs with oversized gen-sets which generate unnecessary fuel consumption. This prototype demonstrates that port operations can be performed in a sustainable way not affecting operational performance.



### Smart Energy and Operative Management

- Seams Platform (Smart Energy Efficient and Adaptive Management System)  
- *Francisco Blanquer, Chief of Engineering Projects of Noatum*

Experience how the new SEAMS Platform prototype works from the Terminal Control Centre. The SEAMS Platform enables the quick detection of operative bottlenecks, thus supporting efficient operations decisions and allowing the reduction of unnecessary fuel consumption and GHG emissions.

### Terminal Dynamic Illumination

- Terminal Dynamic Illumination (SEA TDI)  
- *Ángel Llopis, CEO of EDAE Ingeniería de Aplicaciones Energéticas*

Discover the first world solution for port container terminal consisting of real-time dynamic illumination. We will move around the terminal and see how the SEA TDI system adapts the lighting to our movements.



19:30 - 19:45 **Conclusions** - José Giménez, Coordinator of SEA TERMINALS

19:45 - 20:10 Bus transfer to the Port Authority of Valencia Headquarters

20:10 Cocktail Dinner at the Port Authority of Valencia Headquarters

**Get to know about our energy efficient equipment prototypes  
and see them working in real life trials!!**

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#### SEA TERMINALS Partners:



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