Almost 5 years have passed since the Valenciaport Foundation was created. During this period of time it has managed to position itself as an R&D&I research centre of reference in the fields of transport, logistics and ports in Spain. The results obtained internationally thus far have also been very positive. Right now however is not the time to revel in what has already been achieved or become complacent. These are hard times and we therefore need to take on new challenges allowing our port to continue growing and envisage the future with a sense of optimism. In our case our biggest challenge will be to consolidate ourselves as the key driver of R&D in the Valencian logistics-port community. We need to promote innovation in the companies of our sector whilst triggering and facilitating the significant multiplying effect of investments in this domain.

To this effect the Valenciaport Foundation, serving as a research centre of excellence in diverse transport-related matters, has made it a strategic objective to be actively participating in various regional, national and European R&D&I programmes. This strategy, whose final goal is to promote innovation in the logistics-ports community, fulfills a double objective. On the one hand it will create large research consortiums based on collaboration between companies and research institutes and centres thereby incorporating new methodologies and technological know-how to the Port of Valencia. On the other it will help obtain R&D funds making it easier for companies and research centres in our sector to make investments in this domain.

The Valenciaport Foundation was granted in 2008, through open competitions and calls for tenders, six new research projects as part of the Spanish National R&D Plan. These projects count on an important participation of companies of the Port of Valencia including the Port Authority of Valencia (APV), VPI Logistica and the container terminals amongst others. The foundation is also collaborating with other organisations and companies linked to the port (PLAZA, Madrid Logistics Platform, the CYLOG Network, the Dry Port of Madrid, the Spanish State Ports Agency, Portel, ISDEFE, Konecranes, CEVA Logistics, etc...) and various prestigious and reputable universities and research centres throughout Spain.

The research fields of study are numerous and involve all of the different research departments of the foundation. The port planning department is dealing with improving the performance and energy efficiency of container terminals; the information technologies department is researching intelligent transport systems to promote intermodality; the logistics and intermodality department is looking into the design of logistics platforms networks and the transport economics department, for its part, is analysing transport forecasts and promoting short-sea shipping (SSS). Research into systems to detect explosives in port infrastructure is also being carried out by various R&D programmes.

All of these projects combine with efforts already being made in other research programmes resulting in initiatives that have been covered in this newsletter over the past four years and which I will therefore not cover again. These principally correspond to the 6th and 7th R&D Framework Programmes (Flagship, Moses, Marpos, etc...), the 5th Spanish National R&D Plan (TIMI, various projects related to SSS, Intermodality, etc...) and the Valencian research plan itself (Logiscont, The Paperless Port, etc...).

Such developments have led to the Valencian logistics-ports community to be positioned, within the framework of the recent Spanish 2008-2011 National R&D Plan, as one of the most active clusters in Spain in terms of innovation in transport, logistics and ports. Such efforts have actively involved companies, public administration bodies, universities and other R&D centres. Although it has already been said a thousand times over we have the opportunity to prove this. In difficult economic times, which affect our sector particularly given its strong dependence on foreign trade, innovation could prove to be the driver that helps us to survive the crisis. It could also serve to help us come out of the crisis with new strategies allowing us to foresee the future with high hopes. For our part we are convinced of this and will spare no efforts to contribute, as modest as our contribution may be, to make this a reality.

### SPANISH 2008-2011 NATIONAL R&D&I PLAN - APPROVED PROJECTS

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFICONT</td>
<td>Energy efficiency in port container terminals (coordinator: Valenciaport Foundation)</td>
</tr>
<tr>
<td>MASPORT</td>
<td>Automation methodologies and simulation to evaluate and improve the capacity, performance and service levels of port container terminals (coordinator: Valenciaport Foundation)</td>
</tr>
<tr>
<td>PLATAFORMAS</td>
<td>Defining a Spanish network of logistics platforms (coordinator: Jaume I University - Institute of International Economics)</td>
</tr>
<tr>
<td>PREVITRANS</td>
<td>Modelling of freight traffic forecasts and possibilities for intermodal transport with Europe: analysis of capacities, performance, quality, service level, regulation and financing (coordinator: University of Valencia - Institute of International Economics)</td>
</tr>
<tr>
<td>SEDUCE</td>
<td>Systems for the detection of explosives in centres and public infrastructure (coordinator: Portel Servicios Telemáticos)</td>
</tr>
<tr>
<td>SIT-INTERMODAL</td>
<td>Analysis, development and evaluation of intelligent freight transport systems in an intermodal environment (coordinator: University of Valladolid)</td>
</tr>
</tbody>
</table>
The Valenciaport Foundation will lead the “Masport” and “Eficont” projects of the Spanish National R&D&I Plan

The Valenciaport Foundation has started recently to work on two new projects, “Masport” and “Eficont”, both part of the Spanish 2008-2011 National R&D&I Plan and subsidised by the Spanish Ministry of Public Works.

The Valenciaport Foundation is leading the project “Masport: Automation methodologies and simulation to evaluate and improve the capacity, performance and service levels of port container terminals”. The project counts on the participation of the Polytechnics University of Valencia, the company Open Kode S.L. and the operators MSC Terminal Valencia and TCV Stevedoring Company.

Masport manifests a timely strategic research proposal whose mission is to make a relevant leap in the current knowledge and application of automation methodologies and simulation. This will facilitate finding solutions to maritime and terrestrial bottlenecks, improve the capacity of port container terminals (PCTs) and increase their performance and service levels.

The strategy consists of five objectives to be achieved by carrying out practical demonstrations on the two pilot terminals forming part of the consortium. These objectives are to identify the bottlenecks of PCTs as nodal systems within container port logistics chains, analyse the viability of implementing technological (automation) and management innovations, measure the performance, capacity and service levels offered by PCTs, personalise the Integral Balanced Scorecard tool for PCTs and develop and apply the simulation tool.

The development of the project will include the creation of a set of integrated and dynamic tools (measuring system, integral balanced scorecard and simulation model). This set of tools can be used both to resolve bottlenecks resulting from the daily operation of PCTs as well as to test technological innovations (automation) over the medium term.

The “Eficont: Energy efficiency in port container terminals” project counts on the participation of 8 other entities apart from the Valenciaport Foundation. These include the Port Authority of Valencia (APV), the Polytechnics University of Valencia (UPV), the Electrical Technological Institute Association (ITE), the operators Marvalsa, MSC Terminal Valencia and TCV Stevedoring Company and the companies Konecranes and Maritime Consulting and Management.

Eficont is a project with the principal goal of integrating a series of important improvements in terms of energy efficiency in ports and particularly in container terminals with regards to two aspects. The first is the logical-operational aspect to improve productivity in general. The second concerns the available equipment and its consumption, seeking to reduce operational costs thereby increasing business competitiveness.

A set of methodologies will by designed and applied oriented at optimising the operational planning of PCTs. These are understood to consist of four subsystems related to each other: the quay, quay to yard transport, storing and stacking and reception-delivery. The goal therefore is to make a qualitative leap with regards to research on handling and transport technologies whose application will optimise the performance of operations in PCTs. They will result in substantial reductions in the energy used by machinery and equipment in PCTs thanks to improvements made in the efficiency of machines.

These two projects complement the efforts already made by the Valenciaport Foundation in other research programmes of the Valencian port community of which it is an active participant. Such joint efforts have consolidated this community as one of the most active clusters in Spain with regards to transport, logistics and innovation in ports.

BOARD OF TRUSTEES

The Board of Trustees of the Valenciaport Foundation approves the Programme of Activities for 2009

The Valenciaport Foundation, consolidated as a key driver of R&D&I at the service of the port community, celebrated this past 4 December a regular meeting of its Board of Trustees. The meeting served to approve the programme of activities and budget for 2009.

This year the Valenciaport Foundation has been allocated a budget of 5.5 million Euros in line with last year’s budget. Most of this financing comes from the foundation itself through projects that it generates and carries out. Such projects include projects of the Spanish National R&D&I Plan as well as European projects (principally of the 7th Framework Programme) and also through training activities. The foundation’s training department will make a special effort in 2009 to internationalise its activities.

Photo of the meeting of the Board of Trustees
The Valenciaport Foundation gives training to the port community on the new General Accounting Plan

The Valenciaport Foundation is organising the 3rd session of the course “Practical application of the General Accounting Plan (NIC/NIF)” to be given at its training facilities from 2 February till 9 March.

The course has a duration of 32 lecture hours and is targeted at financial directors, managers of accounting and finance departments and anyone responsible for preparing annual accounts and accounting information in general.

The key objectives of this training initiative are to familiarise participants with changes being made to the General Accounting Plan to allow them to adapt successfully to the new accounting standards.

The course contains basic contents such as fixed and financial assets and financial securities, inventory and expenses or subsidies, donations and gifts and bequests amongst others. The course also includes a session on “Financial information: the case of the Port Authority of Valencia”, as well as practical cases applied to the logistics-ports sector.

The course will be complemented by a special conference to be given by an expert in this field of the company KPMG.

8th session of the “Specialised University Course in Project Management” organised by the Valenciaport Foundation

The 8th session of the Specialised University Course in Project Management organised by the Valenciaport Foundation will take place from 12 February until 16 April 2009.

In today’s constantly changing environment project management represents a key discipline for companies wishing to focus their efforts on fulfilling fixed objectives with specifically defined resources, on time and with known costs. To this effect the Valenciaport Foundation aims to provide with this training a solid grasp of the conception, organisation and management of multidisciplinary projects. In doing so it offers participants the necessary tools to perform successfully as well as the strategic vision to transfer the project management culture to their organisations.

This programme is targeted at heads of departments, general managers, project managers and event organisers who direct, design, formulate and/or manage projects related to logistics, transport activities, ports, information technologies, R&D and innovation projects, civil works construction, military constructions, naval constructions, consultants, freelance professionals and any other person wishing to familiarise themselves with project management and its implications on company management.

The course has a duration of 69 lecture hours and will be given by a team of professionals with more than thirty years of experience in project management and certified by the Project Management Institute. They include Jose Luis Tejedor Robles, the general director of the consumer area of ISBAN, Xavier Mulet i Baixauli, the director of information systems of the Port Authority of Valencia (APV) and president of the Project Management Institute, Rafael Martínez-Vilanoca, a partner and founder of the consulting firm Recursos Marketing y Ventas, S.L. and professor of ESIC as well as Tárraga García who is in charge of training at Byte Consultores.

The Valenciaport Foundation launches the Course Programme of the SERVEF 2009 with the course on “Freight Forwarders' Export Documentation”

The course “Freight Forwarders' Export Documentation” will serve to inaugurate the Course Programme of the SERVEF 2009. This is the third year that this initiative dedicated to logistics-ports training and targeted at both working and unemployed professionals will take place.

The main objective of the course is to provide participants with a global vision of the activities carried out by freight forwarders on the maritime leg of export operations. This allows the key documents being handled at every phase of the activities carried out by this key figure in foreign trade to be systemised in a clear and straightforward manner.

The course is structured in three modules: an introduction to maritime transport, the figure of freight forwarders and key documentation handled by freight forwarders. Each module will be supported by practical cases allowing participants to apply everything being studied. Finally, with the objective of contributing to the professional and personal development of the participants, a visit will be made to the public container terminal Marítima Valenciana.

The pedagogical material of the course has been designed by the Valenciaport Foundation and manifests novel and unique material in the Spanish maritime-ports sector endorsed by the MATIC working group. Lecturers of the course will include the freight forwarder Agustín Iglesias as well as teaching experts in the field of the Valenciaport Foundation.

The course will have a duration of 30 lecture hours taking place on 10, 17 and 24 February and 3 March. Lectures will take place from 9:00am-14:00pm and 16:00pm-18:30pm at the Valenciaport Foundation.

Teaching material to be given to participants of the course on Freight Forwarders' Export Documentation
The Valenciaport Foundation collaborates with the Novaterra Foundation in a campaign to collect toys

For its part the Valenciaport Foundation carried out another initiative of a social nature by giving this Christmas to all employees a gift-box containing fair trade and ecological products. By giving this special gift for the third consecutive year the Valenciaport Foundation endeavours to deepen awareness of responsible consumption. The procurement of these products is allowing the foundation to contribute to the development of developing countries, preserve the environment and promote decent labour and commercial conditions. This time the foundation collaborated with “Contraste” through the Novaterra Foundation.

Some of the toys collected during the 2008 campaign

www.fundacion.valenciaport.com

The website of the Valenciaport Foundation starts the New Year with a new look

The Valenciaport Foundation has revised and updated its website both in terms of design and structure.

The objective of this update is to make the website easier to navigate and visualise thereby making information searches simpler and more intuitive. Further improvements include making the site fully compatible with modern web browsers (Firefox, Explorer 7 and Safari), the dissemination of news feeds through RSS and the ability to change languages from anywhere within the site.

A new content manager has also been developed and implemented in the website to facilitate and speed up the process of updating all contents.

Such improvements will allow the port-logistics community to be able to access updated information on all of the activities being carried out by each department of the Valenciaport Foundation as well as to research articles, receive news feeds and access links of interest amongst others.