

## Mobility through the children eyes



## Today's children are the adults of tomorrow

### SPIDER PLUS IN A NUTSHELL

SPIDER PLUS objective is to provide a new 2050 mobility VISION through a Strategic Design & Plan, and a Road Map delivering Sustainable Solutions by then. In such Plan the electrified Rail has a central role both for passengers and freight. The productivity of the available resources supported by ICT and other technologies, is maximized by the combination of infrastructural nodes with spatial and urban planning integrating the missing links for sustainable mobility and city logistics. The combination of the Time with Space management generates seamless transport chains reducing aggravations and costs. E/Service, E/Freight, ICT technologies, satellite communications, Galileo are tools for achieving these objectives. Seamless liquid Mobility is the 2050 SPIDER PLUS project vision.

### EXTRACT FROM PRESS RELEASE

Rome, 7th December 2012 – The SPIDER PLUS project has the objective of creating a new European Vision for passengers and freight mobility at 2050 Horizon where High-speed rail has a pivotal role. The project Consortium partners met in Rome on Dec 6th-7th for their first kick-off meeting hosted by NTV.

This 2050 Vision is developed by elaborating a sequence of strategic mobility dimensions. Starting from the "As is situation" mobility scenario which deals with market offer and market demand, one has to grasp the "MegaTrends" of the European socio-economic evolution. A progressive step is represented by the "Vision components" dealing with High-speed rail, corridors role, local transportation, urban and regional planning as well as commerce and production evolution in the coming decades.

The evaluation of the "Impact assessment" of technology innovations and available tools provide the cost benefits analysis of the expected improved performances.

A "Road Map" is produced based on derived European infrastructure developments, new business models, co-modality implementation conducting towards an Intermediate "Must Have 2030" step. From here it is possible to produce the "2050 Mobility Vision" for both passenger and freight where seamless liquid mobility solutions are available based on greater use of RAIL both High-speed and traditional allowing synchro mobility, higher network productivity, lower environmental impact, energy savings for a better quality of life of the European citizens.

The SPIDER PLUS Consortium is composed of leading European and Global companies in the field of Research, Academia, Technology Innovation, Consultancy, Transport of both passenger and freight, Aviation, Intermodality, Hubs, Stations, Nodes, Planning and Engineering. Two networks of excellence have been engaged, one is called "Network of Expertise" the other "Network of Vision".

The children of today are the adults of tomorrow. SPIDER PLUS "2050 Mobility Vision" objective is to transform the preferred toys of our children constituted by trucks, cars, ships, trains, airplanes in friendly companions of their adults' lives and not the source of oppression, frustration, pollution as they are perceived today.

### The SPIDER PLUS Project Partners

Vital competencies include Research, Academia, Technology Innovation, Consultancy, Transport of both Passengers and Freight, intermodality, Hubs, Stations, Nodes, Aviation, Planning and Engineering.



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