

## CENTRAL EUROPE COOPERATING FOR SUCCESS.









# RAIL INFRASTRUCTURES AND SERVICES:

# CONNECTING EUROPE FOR CITIES AND PEOPLE

# RAILHUC and RAIL4SEE AN OVERVIEW OF RESULTS

Alberto Preti Marco Mobrici Institute for Transport and Logistics

Bologna, October 15th, 2014

## 37 bodies cooperating for 3 years and more...

#### **PUBLIC AUTHORITIES**



REGIONE AUTONOMA

FRIULI VENEZIA

















**TPAIN** 





RAVY, VÝSTAVBY HO ROZVOJA

DAPESTI ZLEKEDÉSI ZPONT











und Raumordnung e.V.













*striatech* 



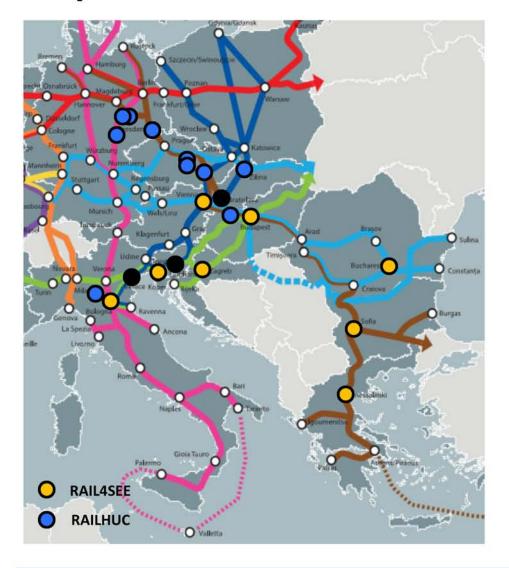






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## Improve rail and multimodal passengers transport



21 main rail nodes and hubs

On 5 CORE Ten-T Corridors

- Baltic-Adriatic
- Mediterranean
- Orient / East-Med
- Scandinavian-Mediterranean
- Rhine-Danube

AT 3 LEVELS OF ACCESSIBILITY



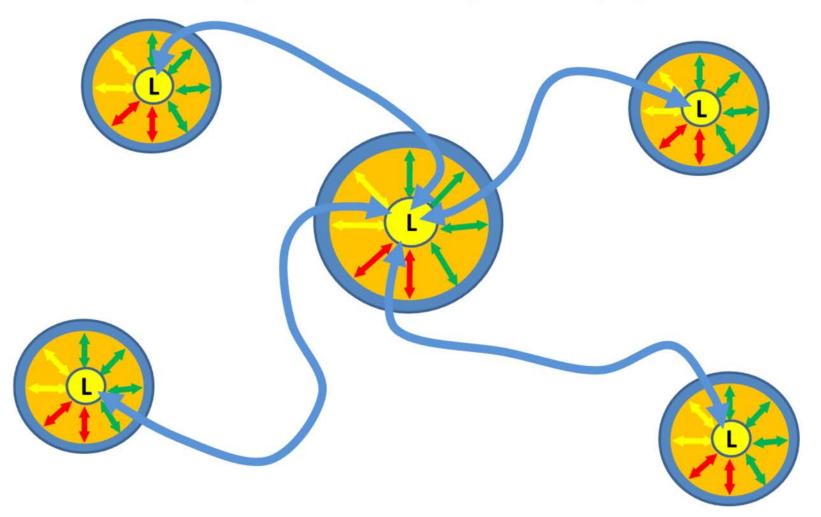








# LOCAL – REGIONAL – TRANSNATIONAL ACCESSIBILITY (on a variable geometry...)











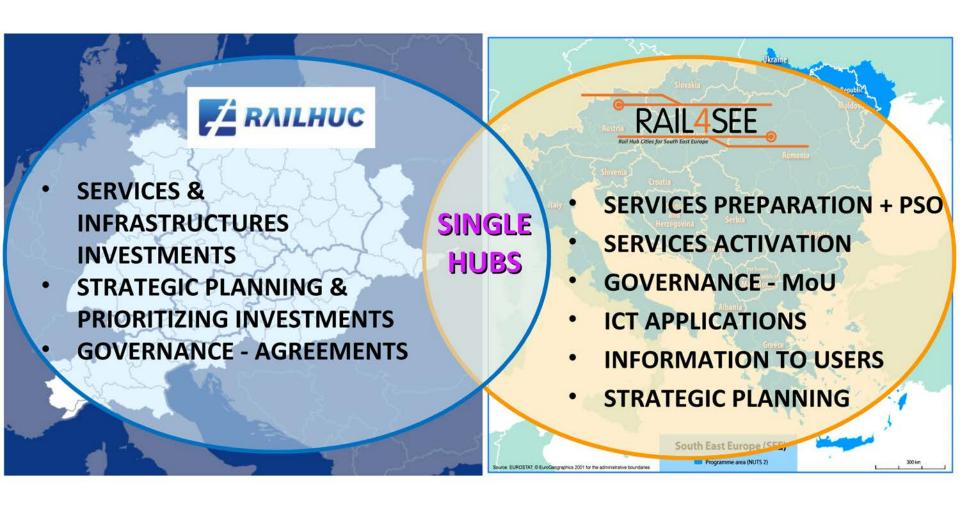


### **PILLARS**



17 + 5 AGREEMENTS & MEMORANDA OF UNDERSTANDING

## With partially different and synergic approaches





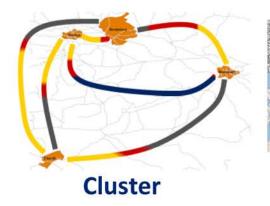








## **Tools**







**Supply analysis** 

**Demand analysis** 

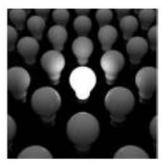
Modelling



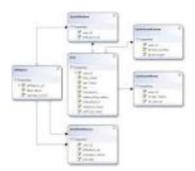
**Round table** 



**Users survey** 



**Best Practice** 



**Data Base** 

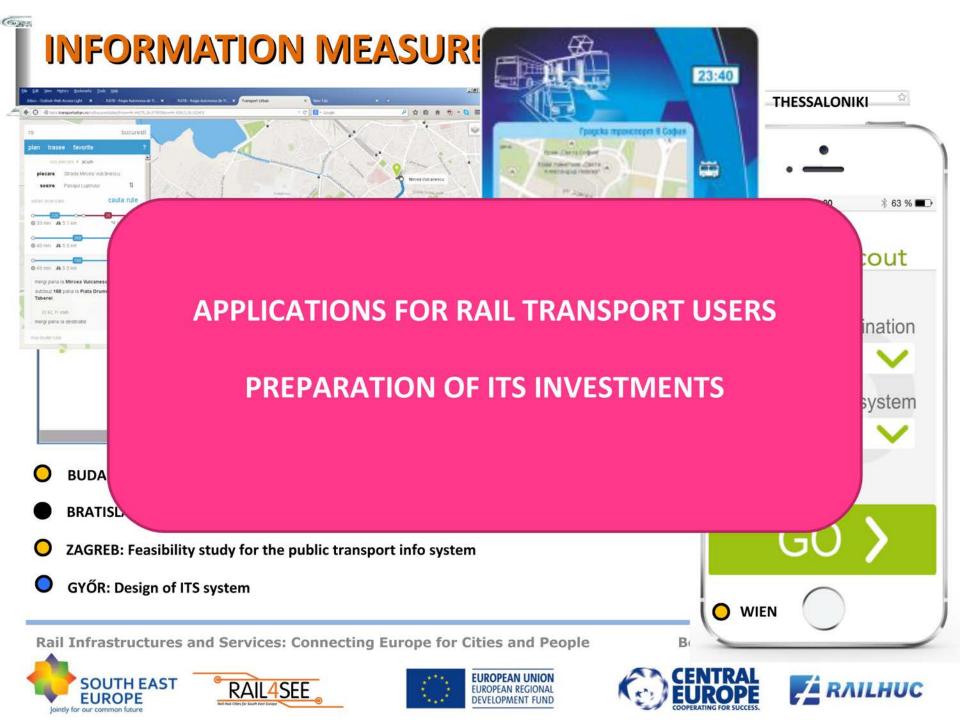
Rail Infrastructures and Services: Connecting Europe for Cities and People **SOUTH EAST** EUROPE for our common future











## **INFORMATION MEASURES (NON ICT)**



## DIRECT INFORMATION TO CITIZENS PREPARATION OF INFORMATION STRATEGIES & PLANS

- ZAGRE
- O BUCHAR
- LUJBLIANA: Fieldwork to check the state of information services in all rail stops/station
- O SOFIA: Travel guides and brochures
- GYŐR: Study on integrated and harmonized information panels at the main stations



Bologna, October 15th, 2014

TRIESTE AND VENICE

9

£

39 17:36 46 17:45 52 17:51 09 18:08 21 18:20 40 18:30 46 18:46

SOUTH EAST EUROPE









## **NEW SERVICES**

#### TRANSNATIONAL:

ALL MAIN TENs -> analysis (RAIL4SEE clusters work)

#### NATIONAL - REGIONAL - LOCAL:

**BOLOGNA** – IMOLA, BOLOGNA – FERRARA, BOLOGNA CENTRAL STATION-EXHIBITION CENTRE

**BRATISIAVA:** HUB SERVICES OPERATIONAL CHANGES

# TECHNICAL FEASIBILITIES FOR NEW SERVICES MoU FOR SERVICES INTEGRATION NEW SERVICES

SHUTTLE BUS

O RAIL4SEE

RAILHUC

SERVICE

**BRNO:** NEW ROLLING STOCK AND PREPARATION FOR TENDERING PROCESS

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### HARMONIZATION OF TIMETABLES



MEANS FOR MULTIMODAL INTEGRATION

**IMPROVEMENT OF DOOR TO DOOR SERVICES** 

**HUB FEEDING** 

TRANSNATIONAL CONNECTIONS OF HUBS





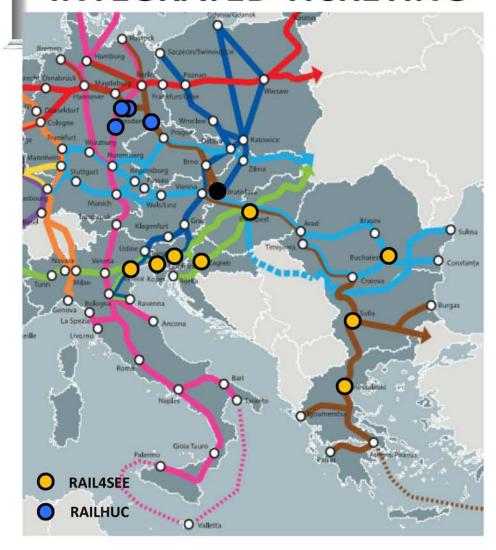








## INTEGRATED TICKETING



#### VIENNA & EMILIA-ROMAGNA DONORS

PREPARATION OF IMPLEMENTATION











### INFRASTRUCTURES - STUDIES O RAILHUC

REGGIO EMILIA: kiss&ride - accessibility from the highway

BRNO: capacity and the facilities; reconstruction and electrification of the feeding tracks, quality and safe park & ride places; reconstruction of train stops

JIHLAVA and HAVLÍČKŮV BROD: Public transport infrastructure interventions designed for railway lines, intermodal transfer nodes

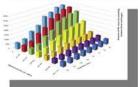
CGMR: new cross-sections on single track rail links, rail link electrification and incorporating of new rail infrastructure schemes into the German Federal Transport Infrastructure Plan

GYŐR: building of the railway station

VENICE: HS/HC lines towards Trieste + signaling system + technological investment on Venezia Mestre and Venezia Santa Lucia

LJUBLJANA: minor infrastructural - additional track connections + electronic signalling devices

















## **Key figures**

Open discussion tables towards possible MoUs

Regional events organised to discuss and fine tune the measures

> Entities of the public sector/administration addressed

Concrete infrastructural measures proposed for the rail hubs

> Concrete services measures proposed

Proposed measures on governance with studies

Entities of the private sector addressed

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Signed Memorandum

of Understandings





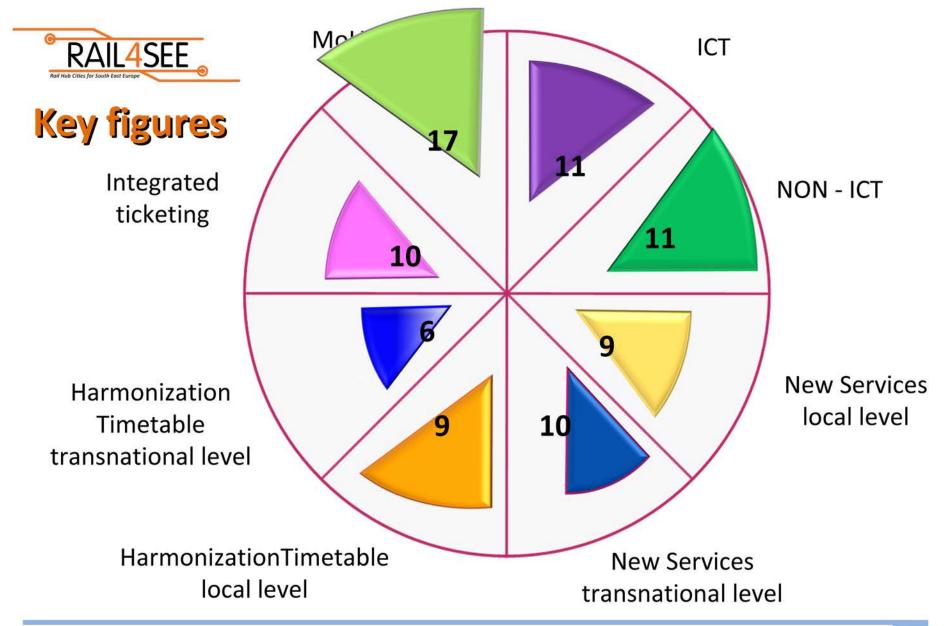






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## THANK YOU FOR YOUR KIND ATTENTION!

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Bologna, October 15th, 2014