



Transport Research Arena Europe 2008

Ljubljana, Slovenia

21 - 24 April 2008



**era-NET**  
TRANSPORT

WWW.TRANSPORT-ERA.NET

***Coordinating Transport Research in Europe***



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**TÜVRheinland®**  
Precisely Right.



Projektträger für das

Bundesministerium  
für Wirtschaft  
und Technologie

## ***European Research Area (ERA)***



- The concept of the ERA was introduced in the year 2001
- Key objectives of the European Research Area are
  - a better use of scientific resources in Europe and
  - an increase of Europes competitiveness in general
- One approach is to reduce the fragmentation of research efforts and a better coordination of research activities at national and European level
- One element is the ERA-NET scheme (introduced in 2003)

## *The ERA-NET scheme*

The ERA-NET scheme was designed to

- provide targeted support for the coordination and mutual opening of national research programmes and
- to establish long-term cooperation between national programmes

It is addressed to programme owners (generally ministries) and programme managers (generally agencies and research councils)

ERA-Net may include the following **activities**

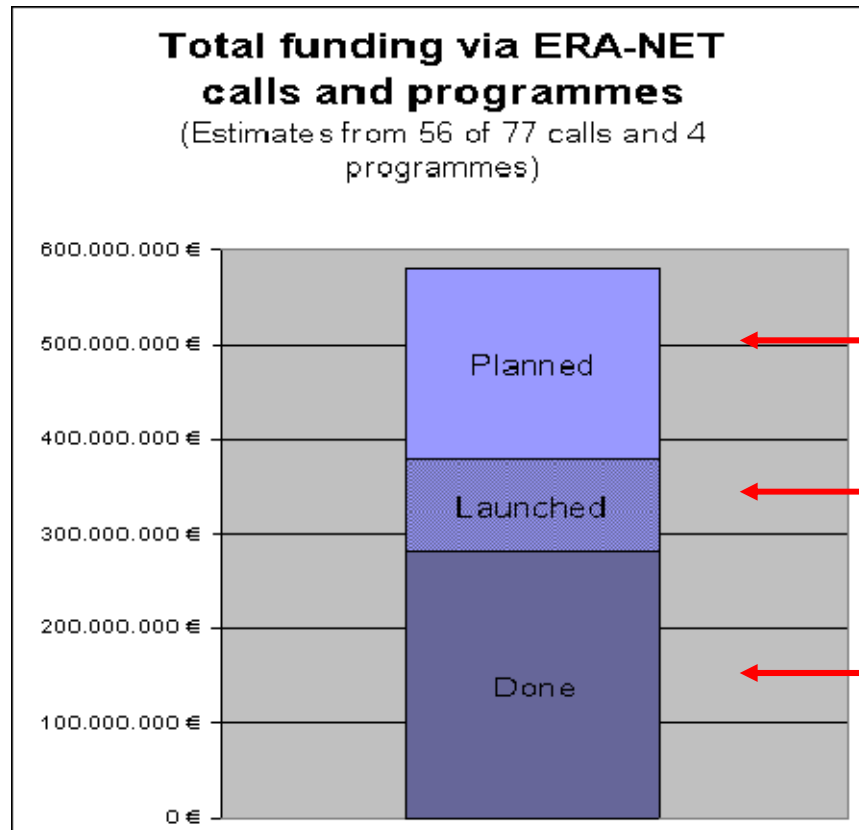
- Systematic Exchange of Information & Best practice
- Definition and preparation of joint activities
- Implementation of joint activities
- Funding of transnational research

## ***ERA-NET results***



- Progress has been made in **reducing fragmentation across the European Research Area (ERA)**
- **71 ERA-NET's** are funded or have been funded by the EC through Coordination Actions
  - **EC funds** from the FP the network of the national representatives and the facilitation of trans-national **programme and funding cooperation**
  - The **national ministries fund** from national programme budgets the resulting **trans-national research cooperations** (RTD projects)
- Participation of more than **1000 programme owners and managers**
- Involvement of **hundreds of national research programmes**

## Funding for joint calls and programmes



Planned:

**202 million €**

(preliminary budgets of 19 of 36 planned calls + 4 programmes)

Launched:

**97 million €**

(preliminary budgets of 14 of 17 launched calls)

Already implemented:

**281 million €**

(budget estimates of 23 of 24 done calls + 1 ongoing programme)

By **December 2006** the ERA-NETs have implemented/planned joint calls with a **total volume of more than €500 million** national research funding.  
**Today`s estimate: > €800 million**

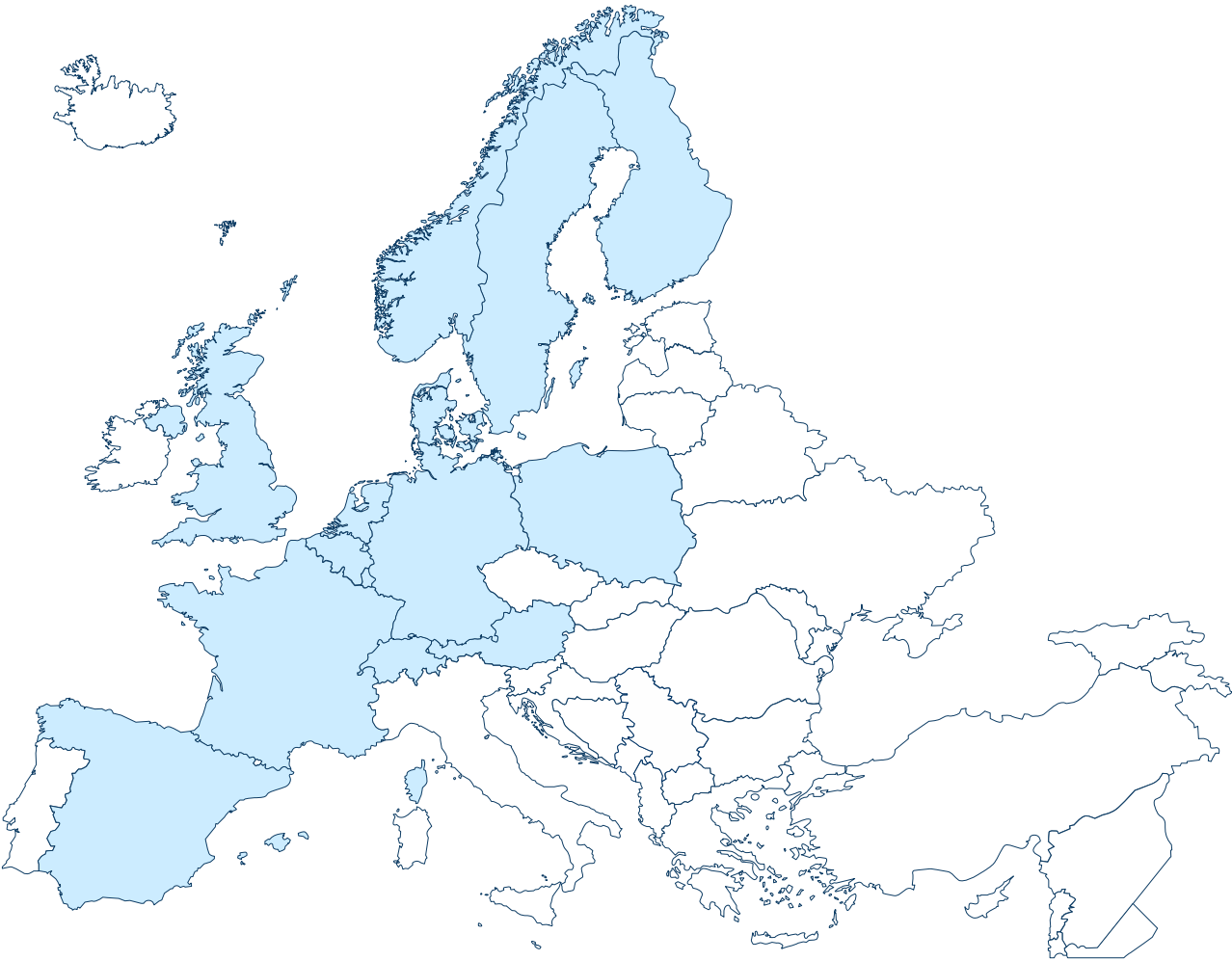
## ***ERA-NET TRANSPORT (ENT)***



- ENT is a network comprising national ministries of 13 European countries that are in charge of transport research programmes
- ENT represents a national funding volume of 300 Mio Euro p.a.
- The focus is on publicly (stimulated) policy and technology research as well as on demonstration for all transport modes
- The ENT serves to the programme owners and managers and provides a supporting framework for the facilitation of trans-national programme cooperation
- But, ENT does not provide funds for resulting RTD projects
- **ENT complements EU and national research**
  - Facilitates trans-national cooperation where national and Community research do not provide satisfying results

# ERA-NET TRANSPORT

## Geographic coverage





# Transport research in Europe



## ***ERA-NET TRANSPORT***

***Ongoing funding cooperation of national programmes***

- ***SURSHIP***
- ***Intelligent Logistics***
- ***KEEP MOVING***
- ***Intermodal Freight Transport***
- ***Tracking and tracing of dangerous goods***
- ***Sleepiness at the wheel***

## ***SURSHIP Survivability for ships***

- RTD projects on the issue of "How to rescue people – collision, grounding and fire onboard"
- Policy-making: Supporting rule making at IMO
- 6 M€ Ongoing/Finished projects
- 7 M€ Planned projects



# KEEP MOVING

## Demographic Changes and Transport



- **Joint Programme 2007 – 2009**
- **First Call „Mobility for elderly people“ in 2007**
  - Volume: 3 Mio Euro
  - 28 Proposals received
- **3 Projects are in negotiation for funding**
  - **Senior Life Transitions** – perspectives, patterns, scenarios and other issues of car use (SE, NL, AT)
  - **MOVE ease** – Individual location-related traffic services for elderly people in the rural area (FR, DE)
  - **MedLog** - Innovative supply concepts for elderly people with health care products (DE, NL)
- *2nd joint funding initiative to be launched in early 2009*



## **INTERMODEL FREIGHT TRANSPORT**

*“Strengthening the position of Intermodal Freight Transportation”*



- Very short and efficient preparation
- Call closed in 2007
- Volume 2,3 Mio Euro
- 5 of 12 received proposals selected for funding
- 31 participating organizations  
(enterprises, research institutes and university)



## ***SLEEPINESS AT THE WHEEL***

- Sleepiness seems to cause at least 15% of road crashes
- The two objectives of the initiative are:
  1. to understand sleepiness at the wheel
  2. to identify effective countermeasures
- A consortium composed of trans-national research teams should find common solutions to this common problem.
- Volume 1.7 Mio €
- **Call open until 15 May 2008,**
- Find more information at [\*www.transport-era.net\*](http://www.transport-era.net)



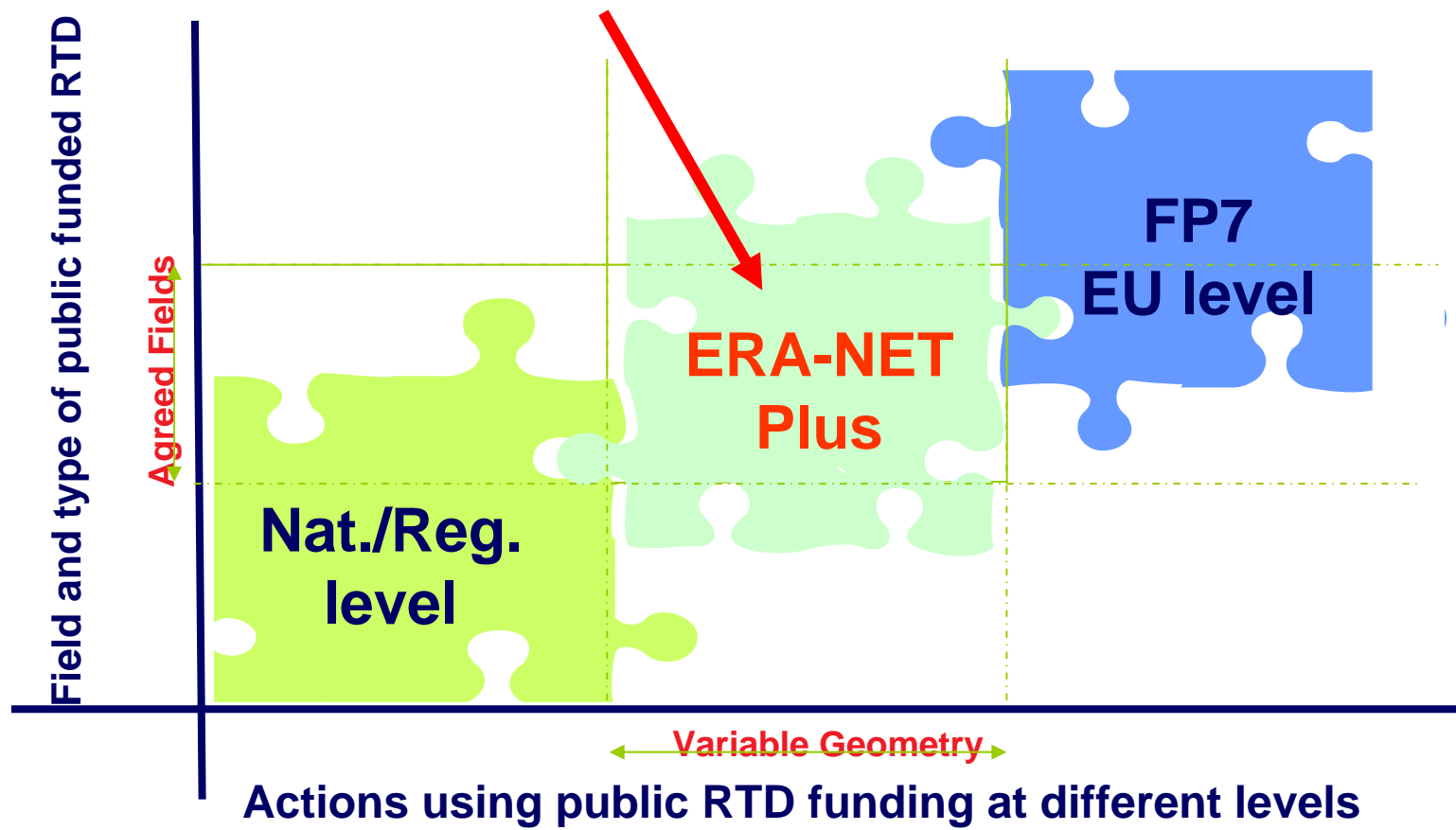
## ***ENT from 2008 – 2010***



- Establishing ENT to the third option for public RTD funding of transport research in Europe
- Intensive and extend cooperation beyond pilot level, including increased budgets for trans-national funding cooperation
- Minimum of two new trans-national programme cooperations and of one joint call per year
- Enlargement of the network - Involvement of new and associated partners from CEE countries and further countries such as Turkey
- At least one common funding cooperation between national programmes and the FP7 (ERA-Net Plus)

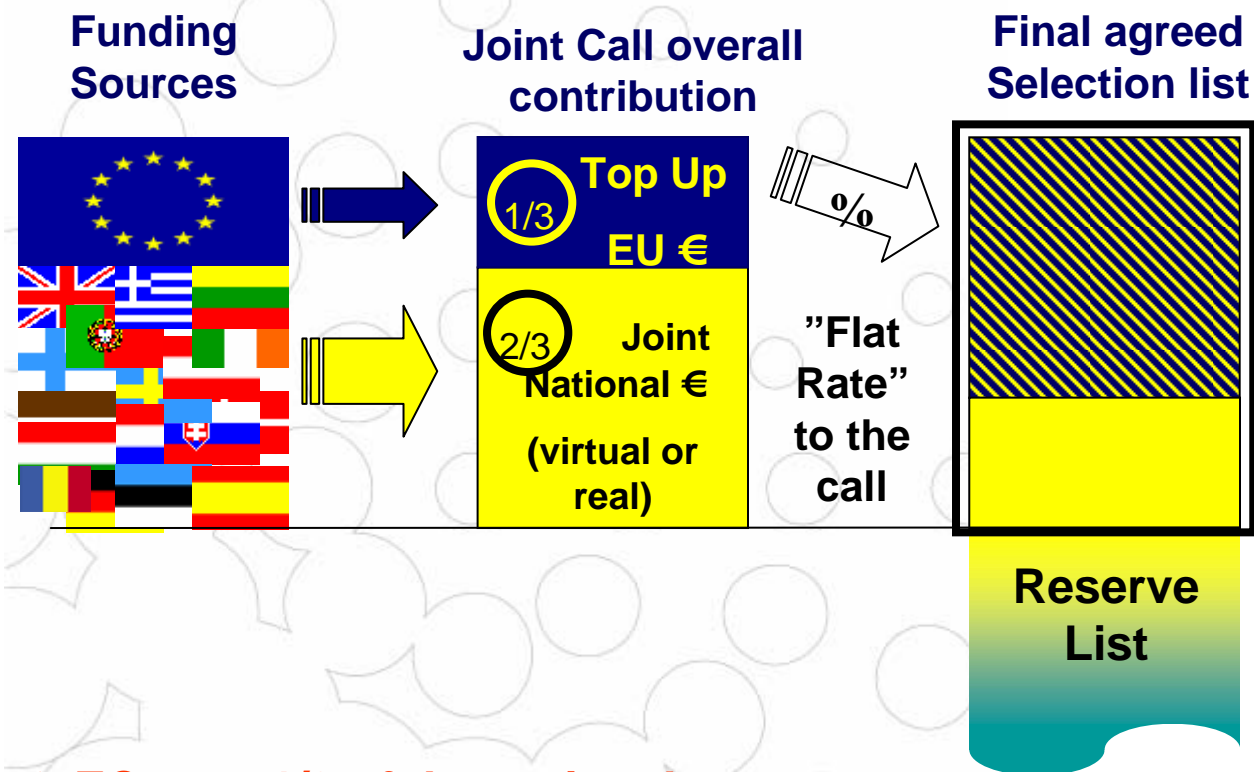
# ERA-NET Plus: Bridging the gap

*Joint funding of research by national programmes and the FP7*





## Provisions for a funding cooperation between national programmes and FP7



### Minimum of

- 5 countries
- 5 Mio € national funds
- 5 years duration

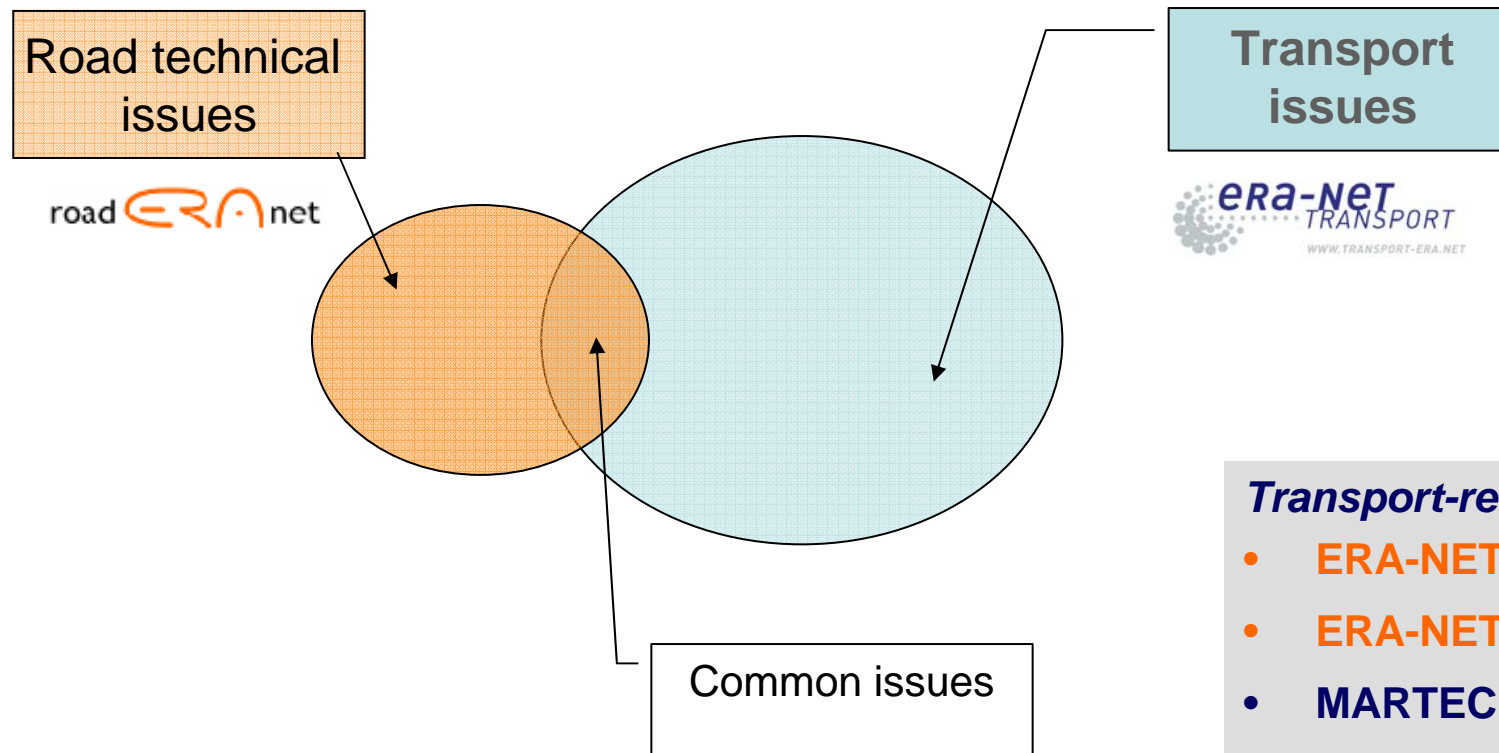
- EC puts 1/3 of the national common pot on top
- Prevention of “juste retour” strategy through dedicated evaluation procedure

## ***ENT Plus***

### ***“Reduction of CO<sub>2</sub> emissions in Transport”***

- All ENT partners agree to aim at least at one ERA-Net plus action.
- There is further agreement that the political goal of “reduction of CO<sub>2</sub> emission from the transport sector” could be suitable for such an initiative.
- It could be implemented in a threefold approach comprising technology-oriented research, policy-oriented research and demonstration (e.g. a Trans-national Green Corridor Network)

# Thematic coordination between ENT and ENR



## Transport-related ERA-Nets

- ERA-NET TRANSPORT
- ERA-NET ROAD
- MARTEC
- AIR-TN

## ***CONVERGENCE STRATEGY***

- **Coordinators are in contact**
- **Since 2006 a Memorandum of Understanding between ERA-NET TRANSPORT and ERA-NET ROAD**
- **ERA-NET TRANSPORT**
  - **introduces a „Plenary Group“ which provides a suitable forum for the convergence and**
  - **invites all transport-related ERA-Nets to become a member of this Plenary Group**



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***Thank you for your attention!***

***ERA-NET TRANSPORT  
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