

# General Presentation of HUMANIST: objectives and results expected



- GENERAL OBJECTIVES OF A NoE
- OBJECTIVES OF HUMANIST NoE
- HUMANIST ORGANISATION
- HUMANIST CONSORTIUM
- HUMANIST ADMINISTRATIVE INFORMATION



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# General objectives of a Network of Excellence



**The Network of Excellence**  
**is a new instrument of the FP6**  
**for addressing the fragmentation**  
**of European research**

# General objectives of a Network of Excellence



- to strengthen scientific and technological excellence on a particular research topic
- by integrating at european level the critical mass of resources and expertise needed to be a world force
- around a joint programme of activities aimed at creating a progressive and durable integration of the research capacities of partners
- with the mission to spread excellence beyond the boundaries of the NoE.

# General objectives of a Network of Excellence



• The main deliverable is to reach a durable restructuring and integration of efforts and of research teams.

by the creation of a an European virtual center of excellence

• The joint program of activities is expected to induce and to manage processes of change by removing cultural, financial, technical and legal barriers to integration

• The success is not measured in terms of scientific results but by the extent to which the fabric of research capacities has changed and become more competitive due to the project.

# General objectives of a Network of Excellence



## Networks of Excellence

- An new instrument to address the fragmentation of research.
- The main deliverable is a durable restructuring of the way that research is carried out.
- community support = a grant for integration

## Integrated Projects

- An new instrument to support objective-driven research.
- The main deliverable is to produce new knowledge.
- community support = a grant to the budget

Two new instruments of the FP6 to help the fabric of the European Research Area



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# Environment of HUMANIST NoE



- A deep transformation of uses and practices in driving due to
  - the widespread of driver information and communication systems
  - the emergence of advanced driver assistance systems
- Numerous functions developed to facilitate driving task and to improve road safety:
  - to lower the attention level involved in orientation process
  - to decrease the drivers' stress and mental load
  - to allow the activation of anticipation process for critical situations avoidance
  - to balance some reaction latencies and decision uncertainties
- but numerous questions about their acceptability by drivers and about possible modifications of behaviour or attitudes.

# Main goals of HUMANIST NoE



**The key issue of HUMANIST NoE is to promote Human centred design for ITS Systems.**

- to conceive them according to users' real needs and requirements
- to ensure their acceptability
- to detect and limit potential perverse consequences of their implementation and widespread
- to support mobility and to improve road safety

# Main goals of HUMANIST NoE



Integration of the European research capacities:

- to federate the researches in the domain of user/system interactions and their applications on road telematics and driver assistance systems
- to create a European Virtual Centre of Excellence on HUMAN centred design for Information Society Technologies applied to road transport

# Expected results of HUMANIST NoE



Integration of European scientific research capacities on user/system interactions applied to road transport through the HUMANIST NoE will allow:

- to increase Societal Benefits of ITS implementation by taking into account the heterogeneity of users population
- to harmonise Road Safety and ITS approaches among State Members,
- to face the international challenge
- to contribute to standards and to policy developments
- to strengthen potential inputs to R&D European industries,
- to react quickly to any new technological developments by structuring common knowledge databases, identifying knowledge gaps, avoiding redundancy and duplication of research activities.

# Expected results of HUMANIST NoE



The knowledge gathered and produced by the HUMANIST Consortium will contribute to the eSafety initiative.

Humanist NoE should be in close relation with the Human-Machine Interaction Working Group which is co-chaired by members of Humanist NoE:

- A. Pauzié, INRETS, Fr
- A. Stevens, TRL, UK
- C. Gelau, BAST, D.

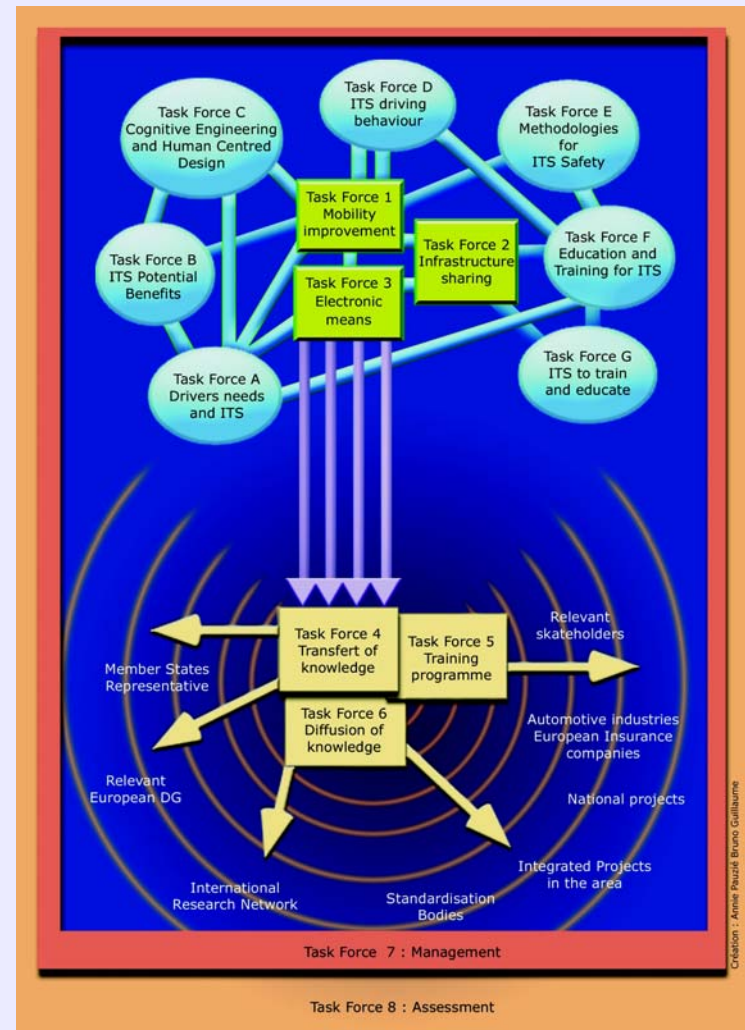


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# HUMANIST organisation



To progress towards the creation of an European Virtual Centre, HUMANIST Consortium has built a coherent joint program of activities, gathering research, integrating, spreading and management activities.



# HUMANIST organisation



## Research Task Forces

- to cover the knowledge required to investigate all the various aspects of Human centred Design.

## Integration Task Forces

- to manage and to consolidate the NoE research structure.

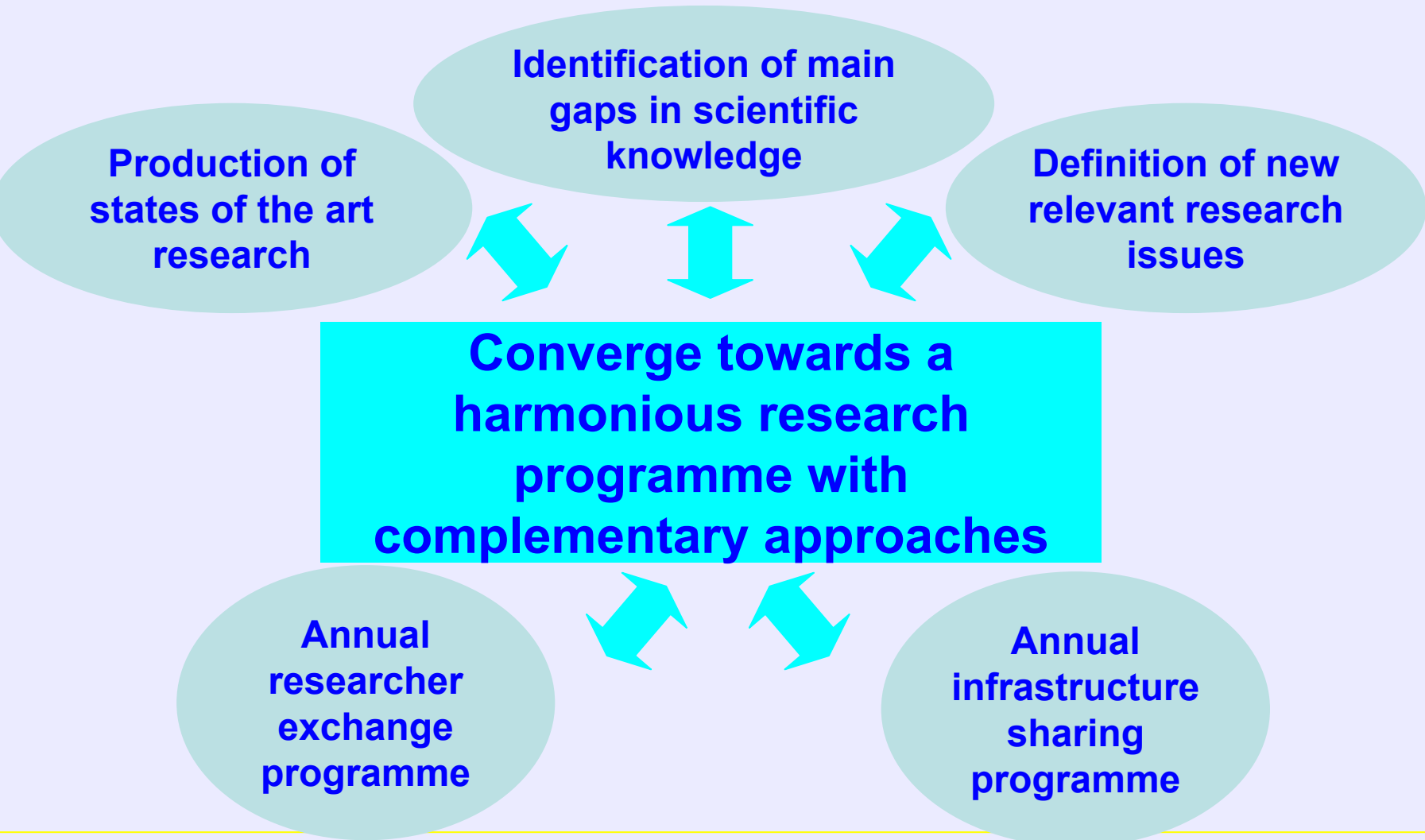
## Dissemination Task Forces

- to spread widely the knowledge from the NoE towards the relevant stakeholders.

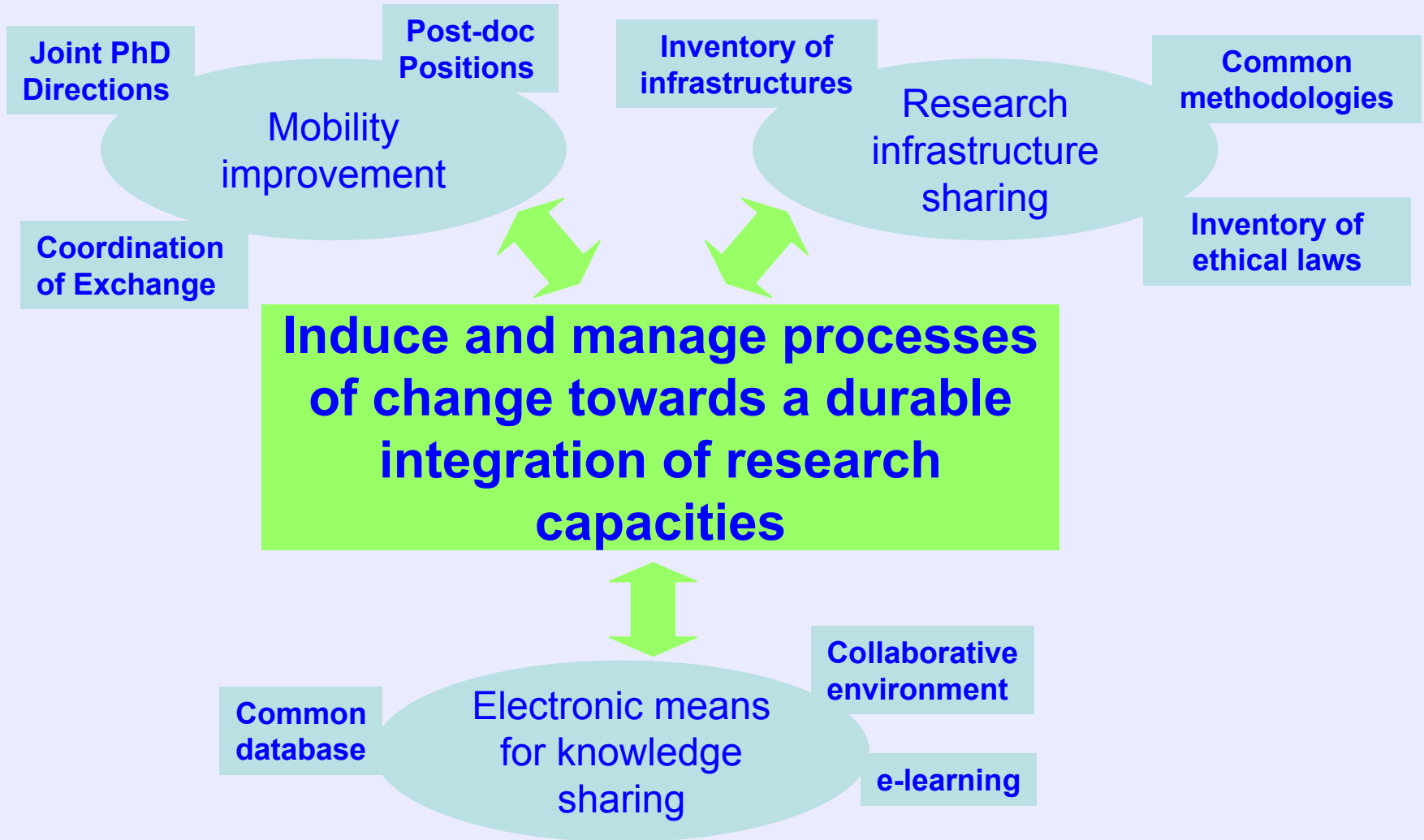
## Management Task Forces

- to assess the quality and the sustainability of the Network integration.

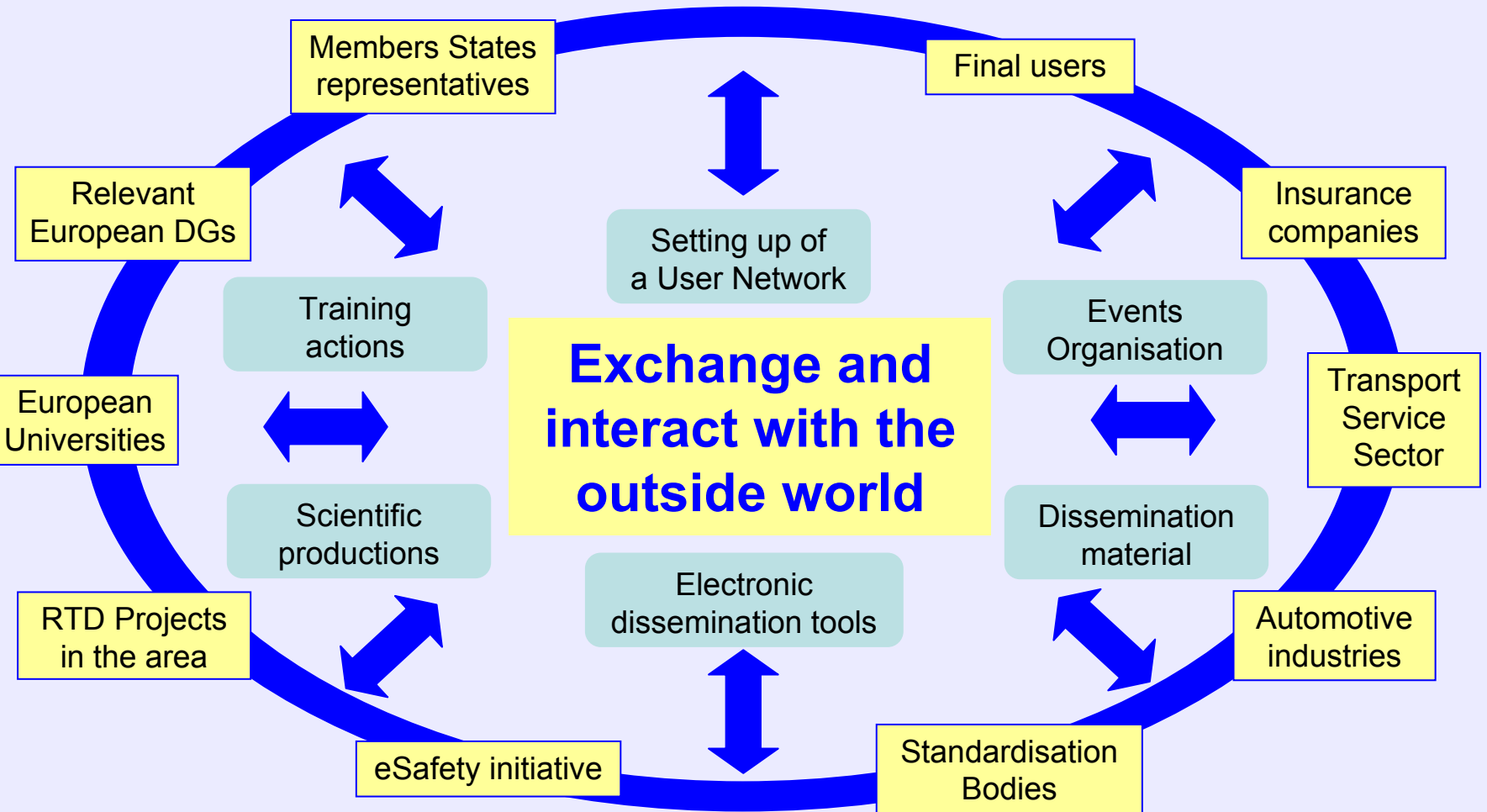
# HUMANIST organisation



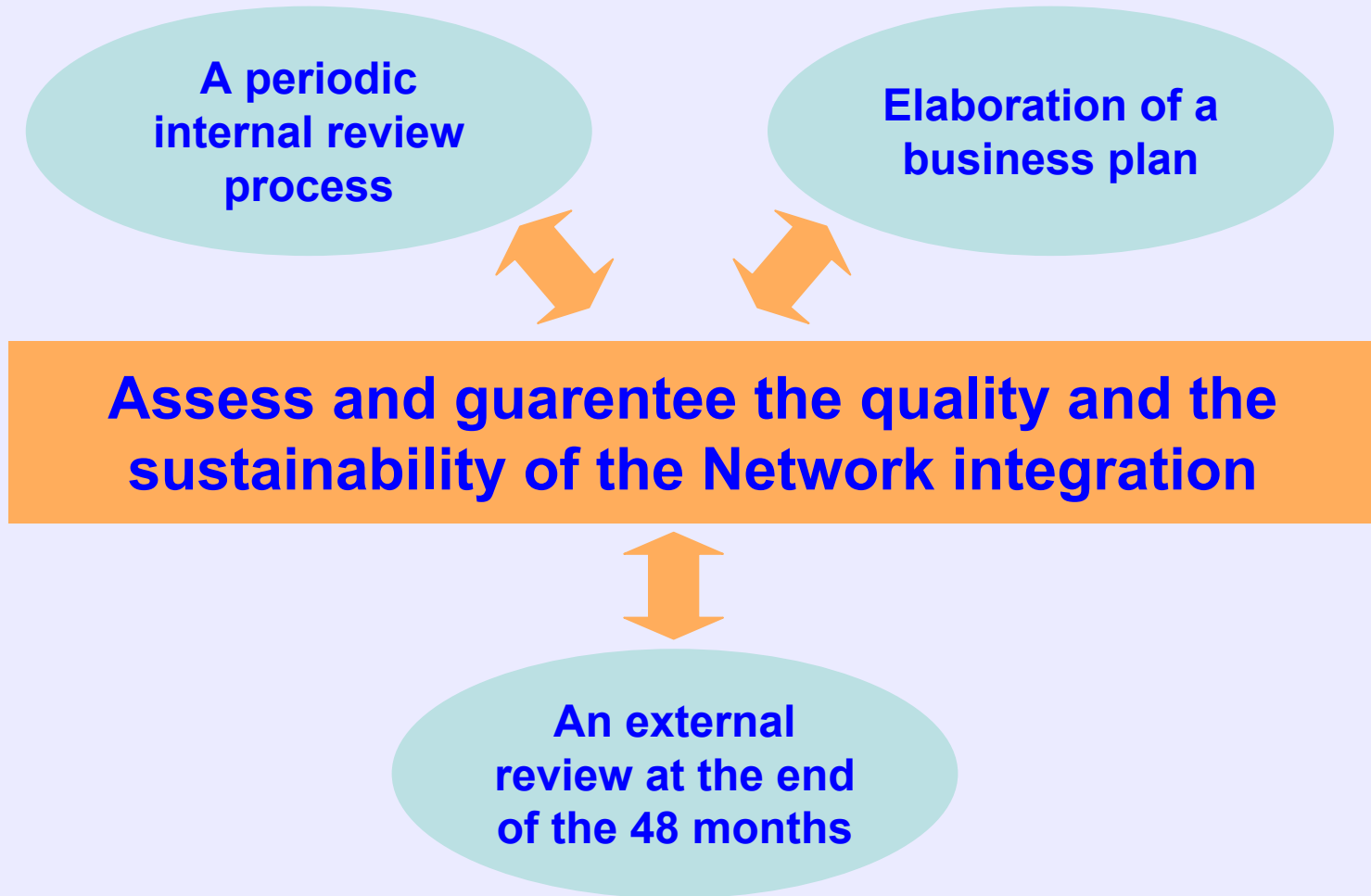
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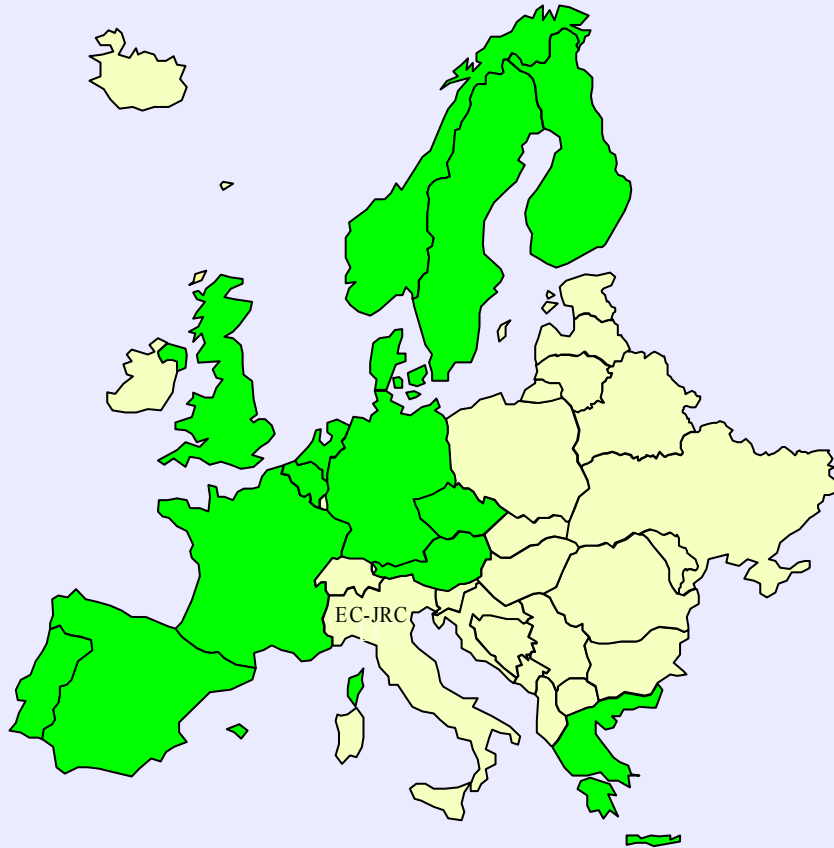
# HUMANIST organisation





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# HUMANIST Consortium



The project brings together 22 Partners, including EC-JRC, from 14 European countries.

The total number of researchers involved in the HUMANIST NoE reaches 108 researchers and 27 Ph D students.



## The competencies of the Humanist NoE researchers

### Scientific areas

- Human factors
- Ergonomics
- Cognitive sciences
- Engineering
- Sociology

### Fields

- Road safety
- Systems design and evaluation
- Accident analysis
- Drivers training

# HUMANIST Consortium



## Evolution of the Consortium

### Call 3 of priority 2 - DG INFSO

- Based on WP 2003-2004, with a limited budget
- To extend project retained in calls 1 & 2
- To open May 11th
- To close September 22nd

### Possibility to extend consortium towards

- Accessing countries :
  - Eastern countries
  - Cyprus, Malta & Turkey
- Western Balkans Countries :
  - Croatia, Serbia-Montenegro

### A subject of discussion for the executive committee

- an opportunity to take but a tight calendar
  - a need to strike a balance between deepening or widening
- If the decision would be made to answer the call
- a need to identify countries and organisations more relevant
  - a team to constitute for carrying out the proposal



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# Administrative Information



<b>Acronym</b>	<b>HUMANIST</b>
<b>Full title</b>	<b>HUMAN centred design for Information Society Technologies</b>
<b>Contract no.</b>	<b>507420</b>
<b>FP6 priority</b>	<b>Information Society Technologies IST eSafety for Road and Air Transport</b>
<b>Project officer</b>	<b>Emilio Davila-Gonzalez</b>
<b>Duration</b>	<b>48 months</b>
<b>Start date</b>	<b>March 04</b>
<b>EC subvention</b>	<b>5 360 000 €</b>
<b>Co-ordinator</b>	<b>ERT</b>
<b>Management team</b>	<b>INRETS, ERT, JRC, TOI &amp; UPM</b>
<b>Consortium</b>	<b>22 Partners - 108 researchers -27 Ph D students</b>
<b>Site web address</b>	<b><a href="http://www.noehumanist.org">www.noehumanist.org</a></b>