

The spreading of excellence in European Surface Transport Research Area

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Surface Transport European Research Area

One and half generation ago

NATO

initiatives

OECD

The last 30 years

COST transport

National programs or institutes

FRDPs

EUREKA

Surface Transport European Research Area

- Lean and agile production of products or services
- Public opinion needs for more and more explicit scientific knowledge
- New scientific pulse
 - . new disciplines, multidisciplinary, systemic,
 - . problem solving

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☑ Need for spreading excellence

- fourth industry : training and research
- need for a virtual reservoir of knowledge irradiating academia, economy and society
- a new role for focused research institutes (no more in a sole linear model)

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A special case

Safety and security is a special challenge
(professional retiring and public opinion)

Passing from professional K in many cases implicit or proprietary to a strong corpus of explicit scientific K (not only theory but experimentation, observation and simulation) expliciting in many implicit K

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☒ specific joint program activities

- mobility and human resources
- research infrastructures
- networking the excellence
- new research projects

accession and T 2 : research and training

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Conclusion

ECTRI has been created

to network, to integrate, to structure,

into a virtual scientific K reservoir, a core group of surface transport research institutes.