DETRA
Developing the European Transport Research Alliance

Next steps towards the Transport Research Alliance

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DETRA Final workshop -

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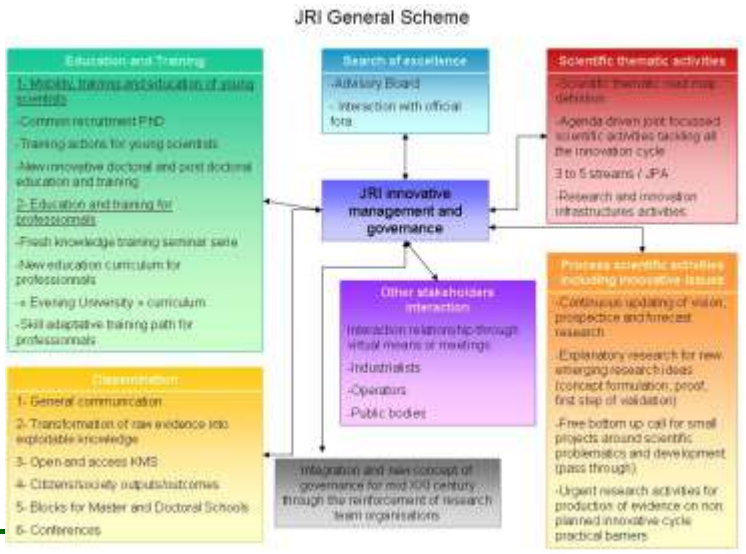
1 - From Developing to Creating a European Transport Research Alliance

- The DETRA project is about developing the main blocks of an Alliance
- The next step is to create this Alliance
- A first document is circulating:

2 – Possible main roles of Alliance

- Promote and structure "Joint Research Initiatives (JRI)" including JRIs for research infrastructure or research and innovation infrastructures
- Boost ideas for Strategic Research and Innovation Agendas and Roadmaps for industry or policy making, shaping together the advanced landscape of ideas
- Do the same with research infrastructures
- Have a role to promote foresight prospective and preparatory research
- Work on process driven activities such as skills, competencies and capabilities for the future of the scientific community or the new professional communities.
- The coordination of dissemination of relevant information arising from common actions and/of common interests
- Coordination of interaction with public bodies (EU, Member States, etc…) on relevant topics through the creation of appropriate fora.
- The oversight of the scientific and technical programme of the Transport Research Arena (TRA) series and supporting events that might be developed.
- Other optional and additional roles to be developed

3 – What is a Joint Research Initiatives (JRI)



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3 - Orientations for JRI themes at the end of DETRA

New orientations:

- User centred Design for ECO-multimodal MOBILity
- Human Factors in transport
- EURAIL Next generation skills and competencies
- Step-change technologies for rail 2050 in a co-modal environment
- New concepts for modal safety and co modal safety
- Advanced Transport Network Sustainable and Intelligent Operation
- Stimulation and modelling of transport capacity/efficiency, environmental and system aspects
- Scientific knowledge for international harmonisation:
  - Safety
  - Operation
  - CO2
- Virtual testing facilities and Simulation facilities
- Climate change adaptation testing structures network
- Transformative research for transport infrastructure

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4 - What could be this Alliance (1)

Membership of the Alliance

- A first alternative would be to have the Lyon Declaration Signatory Partners as the basis of the Alliance membership, which would possibly be composed of volunteers from within the partners.
- A second alternative would be to have an Alliance formed of some organisations from among the members of the Lyon Declaration Signatory Partners who would volunteer to go a step further.
- In each case, the possibility for further organisations, who were not signatories of Lyon, to join the Alliance should be opened

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4 - What could be this Alliance (2)

The core values of the Alliance

- The members of the Alliance need to share the following common values
- Be VOLUNTEERS and LEADERS
- Be COMMITTED and not FOLLOWERS
- Be WILLING TO GO FORWARD to the edge and frontier of the transport ERA
- TRUST EACH OTHER
- Be FAIR MINDED
- TRANSPARENT
- The governance and management of the Alliance has to be TRANSPARENT and in the spirit of PARTNERING, as well as be based around the sharing of VISION and STRATEGY

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5 - The ways and means towards this Alliance (1)

Management

- Other European Alliances exist without a legal entity but a legal partnering without entity with Terms of Reference : the same is suggested for this Alliance.
- Management could be based on a very lean organisation with no (or minimal) fees, but rather based on the in-kind contributions and support of the member organisations.
- For the rest, the Alliance needs to have access to meeting capabilities and e-meeting capabilities, and it would not be necessary to have full-time secretariat resources.
- The Alliance should not require a permanent Secretariat. Rather it should be supported by the services of its members, or the members of its members, and should not be a new bureaucracy serving itself and egos.

5 - The ways and means towards this Alliance (2)

Governance:

- The Chairperson of the Alliance needs to be freed up to be dedicated to the Alliance, and have a strong background in research and innovation administration and be a visionary person or at least a strategist. This person could be assisted by a core group to keep the pro-activity and manageability of the Alliance.
- The Governing Assembly (all members of the Alliance) has to be composed of the visionary and strategist people from within the Alliance members, while daily management could be delegated to the staff of the Alliance members involved in a "Daily Management Team".

5 - The ways and means towards this Alliance (3)

Customers:

- The first customers of the Alliance are the members of the Alliance and their members and the scientific community at large.
- The second customers are the relevant stakeholders linked to transport and infrastructure-related research programmes.
- Regardless of the final organisation of Horizon 2020 or other research and innovation structural funds activities, this Alliance will be useful for the development of all these programmes in opening the new front line for the future of the leadership of the ERA.

5 - The ways and means towards this Alliance (4)

Working Groups:

- All Thematic Working Groups (WGs) created need to be moderated both by volunteers and the Secretariat, with terms of reference with milestones and deliverables.
  - Their creation is decided by the Governing Assembly, except when ic comes to dealing with urgent matters.
- Various cross-sectorial WGs could be created, at the very least as a platform of exchange and possibly aimed at harmonising activities between the members of the Alliance, or creating new activities (if any) at the request of members of the Governing Assembly.
- Their aims shall be around: Mobility and Education & Training , Human resources, Soft research infrastructures, Hard research infrastructures, Electronic research infrastructures, Test & integration and research infrastructure for product qualification, International interfacing, Dissemination, and TRA

General Secretariat:

- If any, the basis shall be to use volunteers and people appointed by the members , but not an employee of the Alliance.

6 - Conclusion

- The Alliance shall remain a voluntary grouping which shall provide a fora for coordination between the members. However it is not expected to manage or subsume its members.
- Members shall be free, and encouraged, to develop their own position papers and develop their unique views. However the benefits of cooperation between the Alliance members will provide them with a more powerful collective voice and the efficiency benefits of reducing duplication.

Thank you for your attention

http://detra.fehrl.org

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