Ecosystem session: Mobility-Transport-Automotive

Clusters strengthening ecosystems
Clusters strengthening ecosystems

The Mobility-Transport - Automotive ecosystem

DG for Internal Market, Industry, Entrepreneurship and SMEs
Unit C/4 – Automotive and Mobility Industries
Morgan Guillou, Legal Officer
Mobility-Transport-Automotive Industrial Ecosystem

Identification
- Covers production of motor vehicles, ships and trains, accessories, their repair and maintenance, freight transport
- 7.1% of EU value added and €3tn in turnover
- Directly employs more than 11m people in 1.5m companies (indirect employment much larger)

Health bulletin
- Supply chain disruptions
- Reduction in production and sales
- Equity loss
- Huge investment needed, e.g. for electrification and automation, infrastructure
- Job cuts

Strengthening - Opportunities for rebuild, reform and repair
- Invest in strategic transport infrastructure and technology, incl. energy storage, batteries and hydrogen
- Research and innovation
- Cross-border and multi-country projects with Single Market and Economic resilience: e.g. IPCEI (Battery technologies, clean hydrogen, advanced digital technologies, skilling-upskilling)
- Targeted Member States RRP measures addressing Mobility, transport or automotive plan, with the objective to accelerate the digital and green transformations

Source:
NextGenerationEU: Next steps for RRF- European Commission - Staff working document Guidance to Member States on recovery and resilience plans – Draft template for recovery and resilience plans
Mobility - Transport - Automotive Ecosystem... implementing and translating into reality

2019: EU market of electric cars is 3.3% (1.2% plug-in and 2.1% battery)

2030: EU market of electric cars projected to 50%

2030
Clean vehicles

2050
Future-proof technologies

Smart mobility

Connected/automated vehicles

EUA growth/jobs
Zero emissions
Zero fatalities

Today
CO2 transport emissions still increasing

Still too many road fatalities. 90% of accident involve human errors

September-October 2020
First announcements of Recovery & Resilience Plans by EU Member States

15 October 2020
EU Member States start submitting Draft Recovery & Resilience Plans

Estimated January 2021
Anticipated date when the RRF become operational (after agreement of European Parliament and Council)

April 2021
Deadline for submission of RRF plans by Member States

2021-2022
70% of the grants committed – Climate target: 37% - Minimum 20% of digital-related expenditures
31 December 2023
30% remaining fully committed - Deadline for legal commitments of programmes topped-up by NGEU (payments made by 31 December 2026)
Mobility – Transport - Automotive Ecosystem... exploring clusters’ possible contributions...

**OPPORTUNITIES**

- Good practices and “lessons learned” on CSR-related projects:
  - in Green and digital transformation (uptake of technologies) – Modernisation & competitiveness
  - Development of business and manufacturing models fit for a climate-neutral economy by 2050 (e.g. manufacturing 4.0, smart factory and administration)
  - Strengthened infrastructure(s) & smart mobility

**AREAS of EXPERTISE & ADDED VALUE**

- **R&I** – Development and implementation of advanced technologies
- Knowledge and mastery of all Supply chain components and actors (including at local and regional levels)
- Experience of cooperation and synergies in project management - Skilling & upskilling
- Agility and cross-border dimension

**CHALLENGES**

- Address and manage disruption(s) – Contribute to identify and mitigate transition challenges
- Assessment and quantification of investment needs, & workforce skilling needs (cost-estimate & critical size of projects) – Quantified costs & assessment of contribution to Green and Digital transformation
- Project management- Coordinated effective implementation over 2021-2024 (output/outcome)

**MONITORING & IMPLEMENTING**

- Contribution to milestones, target and timeline set-up:
  - Impact on Green and Digital transformation indicators
  - Impact on job and growth indicators (eg increased export, FDI...)
  - Impact on social & economic resilience indicators
DITECFER: how a leading European Railway Cluster creates economic and social value in 2020

Veronica Elena Bocci | DITECFER Coordinator
DITECFER ID card

Established in Tuscany-Italy in 2011 | Only me until April 2018, now 4 persons
Working for a better Railway transport through R&D&I

DITECFER Innovation Roadmaps:
✓ Safe, Secure and Cybersecure Vehicles and Infrastructures
✓ Eco-sustainability of the Railway transport
✓ Accessibility and Mobility-as-a-Service
✓ Digital Railways and Autonomous vehicles
Working for more members going international
Working for members’ upskilling and education of young talents

✓ Cultural and Technological **Empowerment**
✓ **Training** on New Skills
✓ **Piloting** Innovative Organisational schemes for better workplaces
✓ Advocating Academia and Technical High Schools to co-design new courses for **Educating** Young Talents for highly professional employees
Working on our professionalisation as top-level cluster

✓ Life-long learning of cluster staff
✓ Sharing & Learning and cross-fertilisation among clusters
✓ Actively participating in EU / European level events for clusters – like today!
Having our say for the competitive development of our sector

✓ **Member** of the European Commission Expert Group on the Competitiveness of the Rail Supply Industry

✓ **Member** of the EU-EFTA-CEN CENELEC Task Force India for promotion of European standards in India

✓ …and trying not to miss the **EU Public Consultations** addressing our sector
Being connected with the other European Railway Clusters

✓ …and **making full operational use** of this!
✓ ERCI Member since 2013
✓ ERCI Lead Partner since 2020