Employment Impacts of Connected and Automated Driving

Final Conference - *Online Webinar*

15 September 2020

- Session 1: 10:00 - 12:15
- *Lunch break: 12:15 - 14:00*
- Session 2: 14:00 – 16:00

Background

Last year, the European Commission launched a study to acquire detailed knowledge of the expected impacts of connected and automated driving (CAD) on jobs and employment. The purpose of the study was to create a better understanding of the social impacts of the introduction of CAD and facilitate the development of appropriate evidence-based policy options.

A CAD Study conducted by Ecorys, ERTICO, IRU, M-Five, SEURECO, TRT, UITP and VTT covers the potential impact of CAD on jobs and employment in the wider road transport sector. The social impacts of CAD deployment were studied in four scenarios – from low to high uptake of CAD technology and differentiating between futures focusing on shared or private mobility – in a timeline extending up to 2050.

In a layered approach, the Study takes into account potential consequences at EU, national and regional (NUTS2) levels for professional drivers and others in the road transport workforce, such as those involved in infrastructure provision, maintenance and IT personnel, customer service, administration, and management. Our results, which make a distinction between impacts on passenger and freight road transport, also relate to the impacts in manufacturing sectors (e.g. vehicle manufacturing, electronics and communication technologies).

The Final Conference marks the completion of the 16-month CAD Study. The **objective** is to present our results so that they can be of use to local, national and EU authorities, as well as the social partners in road transport to formulate future policies in regard to CAD in road transport.

Conference content

During the conference we will present and discuss: 1) the findings on the employment impacts and 2) the policy options for proactive action and timely response.

In the first session, the project team will present the employment and social **impacts of CAD deployment in four scenarios** focusing on:

1. The labour market (jobs created or lost);
2. Change in required skills and competences;
3. Change in the professional and socio-economic characteristic of the workforce in the wider road transport sector;
4. Cross-cutting issues (e.g. gender balance, social inclusions);
5. Social impacts of new business models.

In the post-lunch session, we will first present our proposed **policy recommendations in key policy areas** for timely action to enhance the positive and mitigate the negative effects of CAD deployment on jobs and employment. These recommendations provide policy options as inputs for a wider discussion on creating a social roadmap for CAD, including relevant actors and specific instruments. This session will end with a panel discussion by stakeholders on the implications of the CAD Study's results and recommendations.

Both sessions will also include presentations from experts and stakeholders external to the CAD Study Consortium.

Outputs

Publication of further results, such as the full final report, will be communicated to attendees. We encourage attendees to spread the results of our study within your organisation and wider networks.

Agenda

Timing	Topic	Who
10:00 – 10:20	Welcome and Introduction to ***Exploring the potential employment impacts of CAD***	**Ecorys** *Geert Smit* **ERTICO** *Stephane Dreher* **EC DG-RTD** *Frank Smit* **ERTICO** *Jacob Bangsgaard*
10:20 – 10:40	**Impacts of CAD on the labour market** • Labour market changes in road transport • Employment effects in mobility services • Employment effects in manufacturing	**M-Five** *Wolfgang Schade*
10:40 – 10:55	***External perspective on expectations and concerns of connected and automated driving***	**JRC** *Amandine Duboz*
10:55 – 11:05	**Q&A on the labour market impacts**	
11:05 – 11:15	**Presentation of the other social impacts of CAD** • Skills and competences • Professional and socio-economic characteristics in road transport • New work environments	**Ecorys** *Nils Verkennis*
11:15 – 11:30	***External perspective on the social impacts of CAD***	**CERTH-HIT** *Evangelos Bekiaris*
11:30 – 12:00	**Open floor on social impacts**	
12:00 – 12:15	***Meeting societal needs in an evolving CAD landscape***	**ERTICO** *Stephane Dreher*
	BREAK	
14:00 – 14:10	**Introduction: Towards a social roadmap for CAD**	**Ecorys** *Geert Smit*
14:10 – 14:25	**Policy options for the short, medium, and long-term** • Social challenges and opportunities of CAD impacts • Policy measures to guide the transition in the short to long-term	**Ecorys** *Michael Flickenschild*
14:25 – 14:40	***Future R&I needs and CCAM Partnership perspective***	**VTI** *Ingrid Skogsmo*
14:40 – 14:50	**Q&A on policy options for road transport**	
14:50 – 15:35	**Panel discussion: Reflections from sector stakeholders on a social roadmap for CAD** - *Reflections from freight transport* - *Reflections from passenger transport* - *Reflections from manufacturing* - *Reflections from transport workers* - *Reflections from the city perspective*	Moderators **Ecorys** *Geert Smit* **ERTICO** *Stephane Dreher* Panellists **ACEA** *Joost Vantomme* **ERTICO** *Johanna Tzanidaki* **ETF** *Cristina Tilling* **POLIS** *Laura Babío* **IRU** *Carlo Giro* **UITP** *Brigitte Ollier*
15:35 – 15:55	**Open floor on the CAD policy discussion**	
15:55 – 16:00	**Concluding remarks**	**Ecorys** *Geert Smit* **ERTICO** *Stephane Dreher*

Location

The workshop will take place online through the GoToWebinar platform. Registration is compulsory. To receive the access link and the final agenda, you must register here.