



RECOMMENDATIONS AND FUTURE ACTION ITEMS ON SHARING OF DRIVER DATA FROM FOTS AND NDS

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QUESTIONS ADDRESSED

- How could we share driver data including video on a global level?
- What are the requirements on the organisations storing/analyzing the driver data?
- How could different stakeholders contribute to facilitate driver data sharing?
- How and by whom will driver data be collected in the future and how will that affect the data sharing?

HOW COULD WE SHARE DRIVER DATA INCLUDING VIDEO ON A GLOBAL LEVEL?

- Recommendations:
 - Convey the cost of maintaining and supporting data use to funding organisations nationally/internationally
 - Develop standards for data description; review today's standards and build on them
 - Faces on video changed to avatar faces; standard for face "descriptions"
 - Consent for sharing the video and GPS (PID data) to other organisations, also globally; possible in all countries? Use for research possibilities? Problem for "open" access?
 - Ethics problem with re-use of data in some countries, investigate how to re-use that data? Internationally accepted standard maybe is the answer
 - Investigate methods of data sharing used in other areas; Political and Social research; speech research data sharing; medical research data
- Actions:
 - Investigate the economy of re-using the data instead of collecting more data
 - Investigate anonymising the data, also what would be lost in translation
 - Investigate how we control/open access to different details of the data

WHAT ARE THE REQUIREMENTS ON THE ORGANISATIONS STORING/ANALYZING THE DRIVER DATA?

- Recommendations:
 - Documentation set from the beginning; facilitated by sharing plans and actual outcome/updated plans
 - Contracts with each analysis site; publish only anonymised data; depends on the separate project agreements
 - A "standard requirements" to follow and address in agreements
 - Long term agreement for storage; depending on the interest of the data; Interest will decay
- Actions:
 - Establish a consortium on how to do this; not an international standardisation body for now; more de facto standard
 - Funding for storing the data has to be identified

HOW COULD DIFFERENT STAKEHOLDERS CONTRIBUTE TO FACILITATE DRIVER DATA SHARING?

- Recommendations:
 - Sharing of data plans, user agreements, participant agreements
 - Data collector should provide that data to the community; investigate the obstacles of future collectors to provide data
 - OEMs CAN very interesting; identify a minimum set
 - "J1839" standard for a minimum set of CAN signals??
 - Funding schemes
- Actions:
 - Identify the minimum subset of CAN signals that could support transport research

HOW AND BY WHOM WILL DRIVER DATA BE COLLECTED IN THE FUTURE AND HOW WILL THAT AFFECT THE DATA SHARING?

- Recommendations:

- Engage the stakeholders (major representatives) in discussions on how to share future data
- Show analysis done to make stakeholders aware what the research could do for future data owners
- Data sharing system should be useful for both providers and analysts

- Actions:

- Identify the future stakeholders; such as city authorities, service providers, road authorities, google, insurance companies, FOT researchers of the future

THANK YOU!

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