



The EU Framework Programme for Research and Innovation

HORIZON 2020

**Smart, green and
integrated Transport**

MG- 8.2-2017

Big Data in Transport



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European Commission DG RTD
ALICE Info Day
Brussels, 13.10.2016

Research and
Innovation

Socio-economic section in 2017: topics and budget

Topic	Title	Action type	Budget (EUR Mio)
MG-8.2	Big data in Transport: Research opportunities, challenges and limitations	CSA	2
MG-8.4	Improving accessibility, inclusive mobility and equity: new tools and business models for public transport in prioritised areas	RIA	7,5
MG-8.5	Shifting paradigms: Exploring the dynamics of individual preferences, behaviours and lifestyles influencing travel and mobility choices	RIA	
MG-8.7	Future research needs and priorities in the area of transport	CSA	0,5

Topic MG-8.2-2017 (CSA)- Big data in transport

Challenge

- Investigate the implications of the utilisation of big data in transport (opportunities and challenges)

Scope

- Identify where to implement ICT investments
- Identify methodological issues and tools for data mining and exploitation
- Identify barriers (technical & institutional) to exploitation of big data

Expected impact

- Support authorities and industry in understanding travellers and consumers behaviour
- Contribute to identification of critical issues (privacy, data security, legal, institutional aspects)

Estimated EC contrib. per proposal: EUR 0,5-1,5 Mio