

Ethics-based regulation for safety and social acceptance

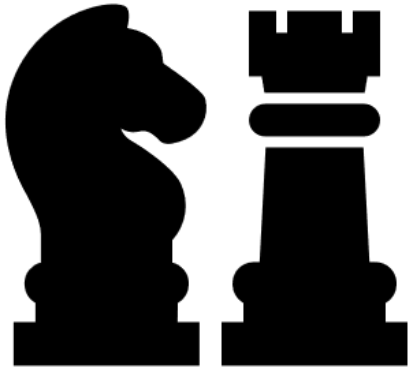
Aida Joaquín Acosta

Chief of Cabinet of the Viceminister

Ministry of Transport, Mobility, and the Urban Agenda, Spain

Transition from automation to autonomy

NARROW AI



Rules

AI FOR TRANSPORTATION



GENERAL AI



Intuition

Expectations about performance of AI



Putting ethical principles into practice

AI4People: Ethical Guidelines for the Automotive Sector – Fundamental Requirements and Practical Recommendations

Christoph Lütge, Technical University of Munich, Munich, Germany

Franziska Poszler, Technical University of Munich, Munich, Germany

Aida Joaquin Acosta, Mobility and the Urban Agenda, Spain & Harvard University, USA

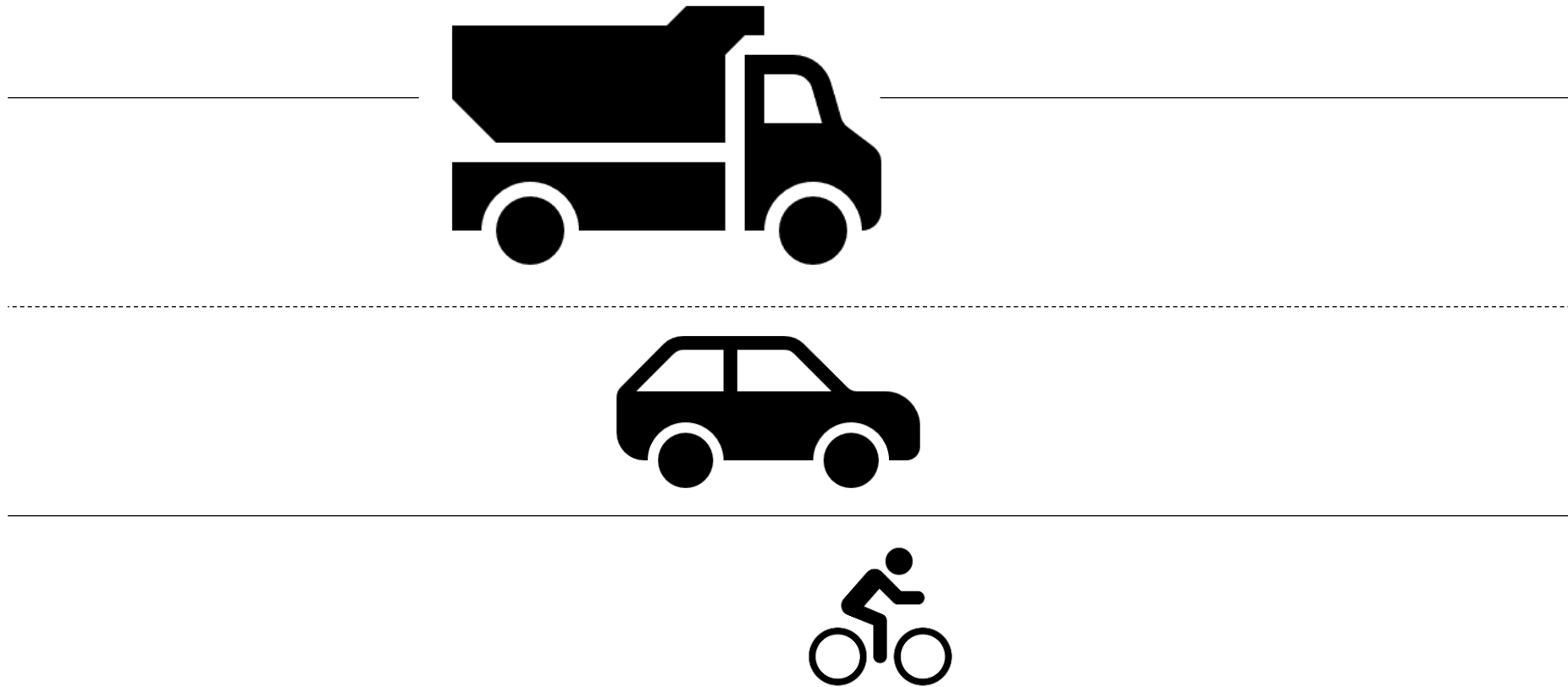
David Danks, Carnegie Mellon University, USA

Gail Gottehrer, Law Office of Gail Gottehrer LLC, USA

Lucian Mihet-Popa, Østfold University College, Halden, Norway

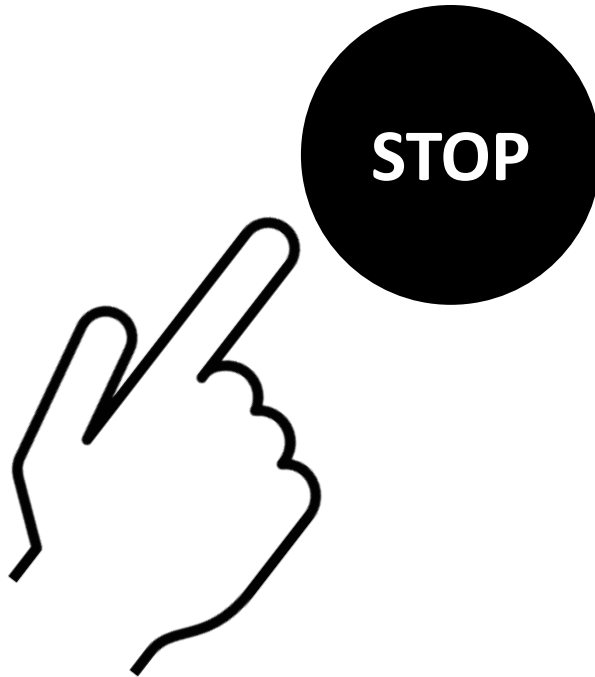
Aisha Naseer, Fujitsu Laboratories of Europe, UK

Technical robustness and safety

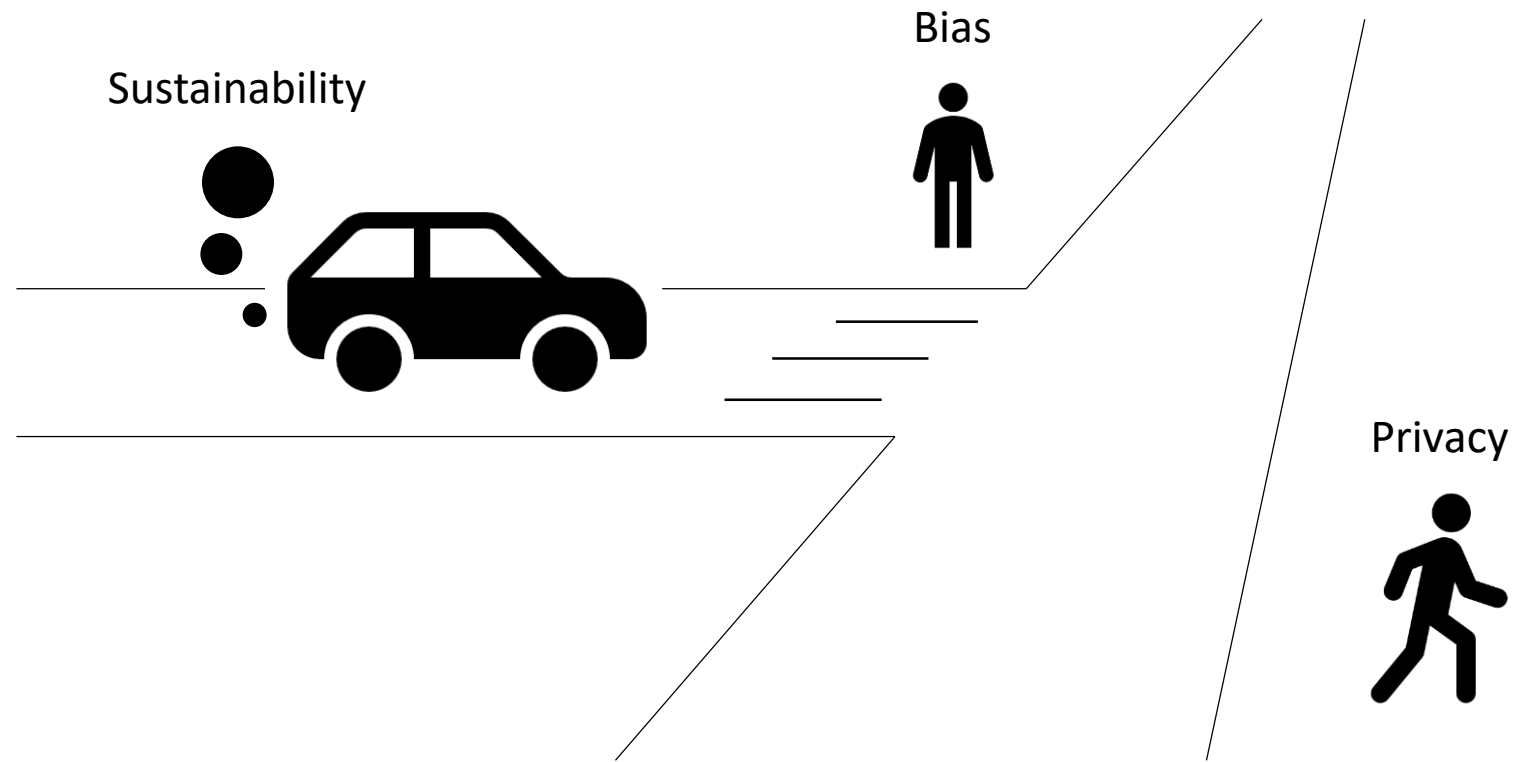


Human agency and oversight

Example: Should fully autonomous vehicles have a “STOP” button for the passenger to manually override the AI driver?



A broader concept of safety involves ethical principles



Regulation benefits from ethical clarity at the start

