

13_Planning for accessibility and sustainable mobilities

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The need for transition to a different trajectory in transportation planning and policy has long been called for. Apart from the politically controversial nature of many proposed measures to promote sustainable mobility and accessibility, critics have attacked key approaches, methods and tools in transportation planning for perpetuating business as usual. The track will explore how theoretical assumptions, planning methods and policy solutions affect the possibility of sustainability transitions. Can existing approaches be adapted to such goals, should they be supplemented with other approaches, or should presently dominant forms of knowledge production, planning and policy solutions be completely abandoned? Can new normative positions, actors, forms of knowledge and approaches trespass the terrain now dominated by traditional transport planning? Topics to be addressed include:

- Sustainable mobility – competing conceptualizations and strategies
- Social inequality, transport justice and mobility justice: policy implications and impacts on planning practice
- Emerging needs and forms of mobility: why do they emerge, should they be supported, and how can they be tackled?
- Can technology save us? Potentials and limitations of electric cars, alternative fuels, automated vehicles, shared mobility, big data etc. in promoting sustainable, climate-friendly mobility
- Enhancing accessibility through proximity vs. through mobility – but is increased accessibility an unquestionable good?
- Upscaling sustainable niche innovations in transport policy and planning: strategies and barriers
- Methods in research on land use and travel beyond the quantitative dominance: potentials of qualitative and mixed-methods research
- Transport project evaluation: do we still believe in cost-benefit analysis and model-based traffic forecasts? Can alternative methods challenge these approaches?

Keywords: accessibility, sustainable mobility, bikeability, walkability, electric mobility, public transport.