

Environmental, social & economic impact of mobility solutions



Présentation

Description

Goal : To understand the user's needs, and to assure the social inclusivity, economic viability, and environmental impacts of novel mobility solutions in urban and rural context.

List of subjects to be presented to the students :

- Basics of project management for sustainable & smart mobility solutions
- Project evaluation – methods, participatory approach
- Feasibility studies of novel mobility solutions (essence, purpose structure, requirements),
- Life Cycle Sustainability Assessment – purpose and stages
- Assessment of economic viability of projects for sustainable & smart mobility solutions – criteria, methods and case studies
- Assessment of environmental impact of projects for sustainable & smart mobility solutions (GHG emissions, air quality, carbon foot print calculation's methods, smog, noise, etc.)
- Assessment of social impact for sustainable & smart mobility solutions (criteria, social inclusion, equity analysis, user group expectations, problem of adaptability to new software, impact of quality of mode of transport on user's behaviors)
- Awareness of carbon issues of people's mobility (Mobility Fresk workshop)