

MOBI SEMINAR 2018

Towards sustainable mobility

Technology, Policy or Behavioural Approaches

THURSDAY, 13TH
DECEMBER 2018
Location:
Bouche à Oreille
Félix Hapstraat 11,
1050 Brussels



How do we attain sustainable mobility? Which choices do we make and where do we put our focus? Do we put all efforts on technological advances or should policy steer us towards a sustainable mobility system? Or is it up to the people to change their own behaviour?

This year's MOBI seminar "*Towards sustainable mobility: Technology, policy or behavioral approaches*" tackles just those questions. This year's keynote speech "**Transitioning to a sustainable future**" will be held by Jan Rotmans. And we are looking forward to hear from people in the business sector about their views on how academic research can stimulate the transition towards sustainable mobility.

PROGRAM

13h	registration
13h30	welcome speech by MOBI directors prof. dr. Cathy Macharis and prof. dr. ir. Joeri Van Mierlo speech from vicerector innovation & industry relations Hugo Thienpont
13h50	keynote speech by Jan Rotmans – Transitioning to a sustainable future
14h45	break
15h	parallel sessions
16h30	itches
17h	reception

Parallel sessions

TECHNOLOGY	BEHAVIOUR	POLICY
Chair: Chris Wuytens, Acerta Consult	Chair: Lieven Deketele, Procter & Gamble	Chair: An de Pauw, D'Ieteren
<p>Battery trends – cost and market overview – European needs for automotive applications <i>Prof. dr. ir. Noshin Omar</i></p> <p>State prediction for second life batteries in a circular economy scenario <i>Dr. Maitane Berecibar</i></p> <p>Electric vehicles and micro-grids: a perfect match? – An experiment in the Green Energy Park <i>Prof. dr. ir. Thierry Coosemans</i></p> <p>Battery physics-based modeling – generic platform to develop and optimize battery cells <i>Shovon Goutam</i></p> <p>Energy efficient power electronics for drivetrains – advanced technologies for optimal design <i>Prof. dr. ir. Omar Hegazy</i></p>	<p>6 E's model for behavioural change in mobility <i>Prof. dr. Cathy Macharis</i></p> <p>What future for transport in Europe? Participatory evaluation of scenarios for transport in 2030 <i>Dr. Imre Keseru</i></p> <p>Sustainable Logistics and the Circular Economy: potential rebound effects induced by consumer disposal behaviours <i>Jean Mansuy</i></p> <p>Last mile in the omnichannel environment <i>Heleen Buldeo Rai</i></p> <p>What are the reasons for not cycling in Brussels? <i>Prof. dr. Bas de Geus</i></p>	<p>Evaluation of alternative government policies on company cars using MAMCA <i>Liesbeth De Wilde</i></p> <p>How to achieve 2030 CO₂ reduction targets in freight transport <i>Prof. dr. Tom van Lier</i></p> <p>Looper: generating innovative traffic safety solutions with citizens in Schaarbeek <i>Jesse Pappers</i></p> <p>Demolishing the largest elevated highway in Brussels: a good idea? The case of the Hermann-Debroux overpass <i>Geert te Boveldt</i></p> <p>Clean technology assessment <i>Dr. Maarten Messagie</i></p>

Pitches: How can research help in the transition towards sustainable mobility?

- Jan Vliegen, Umicore
- Ali Mohammadi, Toyota
- André Céron, Colruyt Group
- Jochen De Smet, AVERE
- Filip Boelaert, Department of Mobility and Public Works
- Tim Cassiers, BRAL
- Jean-Rodolphe Dussart, Bruxelles Mobilité