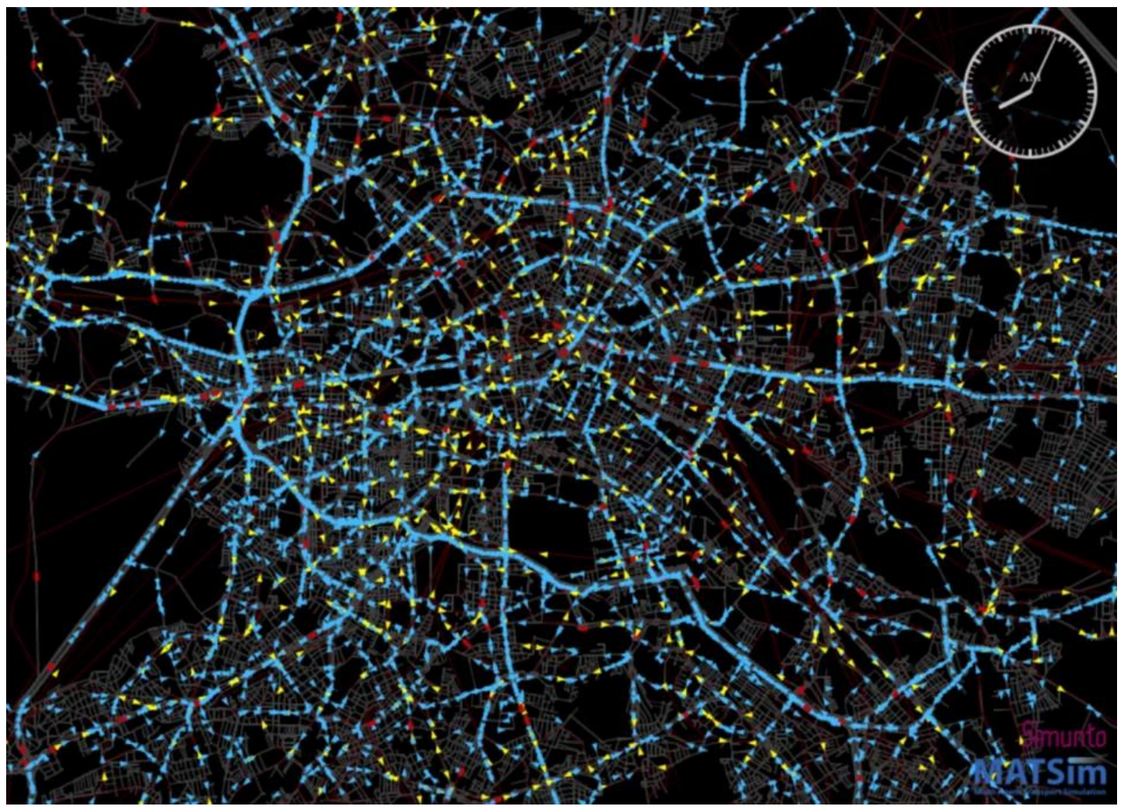
4 Neo-mobility

Forschungscampus Mobility 2 Grid EUREF



Urban spaces are all about traffic, and traffic in turn makes up a substantial part of greenhouse-gas emissions. WM 4 on neo-mobility focuses on the extent to which it is possible to achieve the goal of a climate-neutral city through efficient, networked transport and energy systems, despite increasing mobility demands.

Passenger and goods transportation in cities primarily occurs in the form of eco-mobility (walking, cycling, public transport), motorised individual transportation or using lorries and delivery vehicles. These days, there are added new forms of mobility. Bike and car-sharing, along with other sharing services, mean people no longer need their own cars. New mobility services and transport systems – neo-mobility – call for new concepts for designing urban spaces and areas. This and other developments are the focus of the Neo-mobility research hub, and will be presented in future scenarios.

It is expected that findings for and from the transfer areas (WM 5), among other things, will come into play here. The developments produced on the EUREF campus from the first funding phase will be applied to the transfer areas and the resulting findings will in turn be factored in when devising scenarios. The aim is to implement and simulate the modelled scenarios using the MATSim (Multi-Agent Transport Simulation) software and interlinked jsprit routing tool. This involves assessing the requirements of the future power and transport system and devising suitable measures and recommended actions at an area, district and city level, which will help Berlin become climate-neutral in 2045 (BEK 2030).

The Mobility2Grid research campus is coordinated by the Mobility2Grid e.V. association.
Further information: **www.mobility2grid.de | info@mobility2grid.de**

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