



Exploring sustainability transitions in households: insights from real-life experiments

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Societal transformation towards sustainable consumption and production, especially in urban areas, is a key challenge. The design and implementation of sustainable product service systems (PSS) might be the initial point, in which private households play a major role. The Sustainable LivingLab research infrastructure was developed as an experimental setting for investigating consumption and production patterns in private households, especially to explore socio-technical innovations which are helpful to guide sustainability transitions.

The suggested presentation describes results of several real-life experiments conducted in German households, e.g. the project SusLabNRW (North-Rhine Westphalia as part of the European SusLabNWE-Project), the EnerTransRuhr project as well as the PATHWAYS project that explore patterns of action, time use, social practices and the related resource use in private households. The presentation gives an overview of the employed methods and analysed data (qualitative interviews, social network analysis, survey on household activities and inventories and a sustainability assessment (resource profiles - MIPS household analysis). Households' resource consumption was calculated in all fields of activity to analyse social practices' impact. The presentation illustrates how aggregated data can inform scenario analysis and concludes with an outlook onto transition pathways at household level and socio-technical innovations in the fields of housing, nutrition and mobility.