Denmark

Applied Economics ApS. is currently involved in different projects concerned with Circular Economy involving resource efficiency and utilization and valorisation of waste streams: APSE, Use of eco-friendly materials for a new concept of Asphalt Pavements for a sustainable Environment. Developing novel technologies to integrate waste and recycled materials into the production cycle of asphalt mixtures is a solution that improves both sustainability and cost-efficiency of the asphalt pavement industry reducing the CO2 footprint of these pavements and the environmental impact and associated costs related to the waste generation and disposal. The eco-asphalt combines greener binders, recycling aggregates from C&DW and reclaimed asphalt within an integrated solution or asphalt pavements. Applied Economics lead the Analysis of the environmental and economic impact of the innovative green pavement including LCA, economic assessment, ECO innovation indicators and market feasibility.
For STOA, European Parliament, Applied Economics is involved in a study to assess EU route towards Circular Economy, summarising state-of-play across EU28.
NewSOL is a H2020 project to start end 2016 to develop advance materials solutions based on innovative storage media and concepts for Concentrated Solar Power (CSP) up to validation in field of their performance by real time monitoring. This will be supported by an innovative thermal energy storage design based on the combination of new functional and advanced materials, like heat thermal fluid, sensible and latent energy storage media and insulating materials, into two innovative plant architectures: single tank thermocline storage and concrete type module. Applied Economics will lead the work on funding strategy, market exploitation and business planning.
Development of sustainable business models and incentive schemes through participation in DECUMANUS, a FP7 project addressing energy efficiency solutions, green corridors in the urban context.

Topics

CIRC-01b-2017:
Systemic eco-innovative approaches for the circular economy: large-scale demonstration projects (b) Systemic services for the circular economy (IA)

SCC-03-2016:
New governance, business, financing models and economic impact assessment tools for sustainable cities with nature-based solutions (urban re-naturing) (RIA)

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