



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:
Digital Product Passport (DPP) as innovation platform
Name, Title and Affiliation of Chair:
Raul Carlsson, Dr, RISE Research Institutes of Sweden
Details of Session (including aim and scope):
Aim The European Commission's Circular Economy Action Plan and the Proposal for Ecodesign for Sustainable Products Regulation describe the establishment of a digital product passport (DPP). The DPP is further specified in the Commission's Proposal for Ecodesign for Sustainable Products Regulation. The intention of the DPP is to drive circular and sustainable production and consumption, mainly by empowering consumers and by enabling facilitating information sharing across sectors. This will introduce new costs and needs for investments all across value chains and supply chains, as well lead to challenges that need to be overcome. This session addresses ways to identify the new possibilities and potentials that are introduced through the DPP information infrastructure.
Scope We invite research papers of case studies of circular business models or circular products that would not be possible without an infrastructure of the type described by DPP, or papers providing specific solutions to DPP challenges such as providing identifiers on difficult product surfaces to enable data access at critical product circularity life cycle stages, etc. We may also accept papers of conceptual nature, if they are based on established technologies and international standards or certificates in order to show innovative ways to supply value by following the principles of a circular economy. We also invite research papers with relevant angles and scope of literature review.
Main Contributing Researchers / Research Centres (tentative, if known at this stage):
Website URL of Call for Papers (if any):
Email & Contact Details: raul.carlsson@ri.se