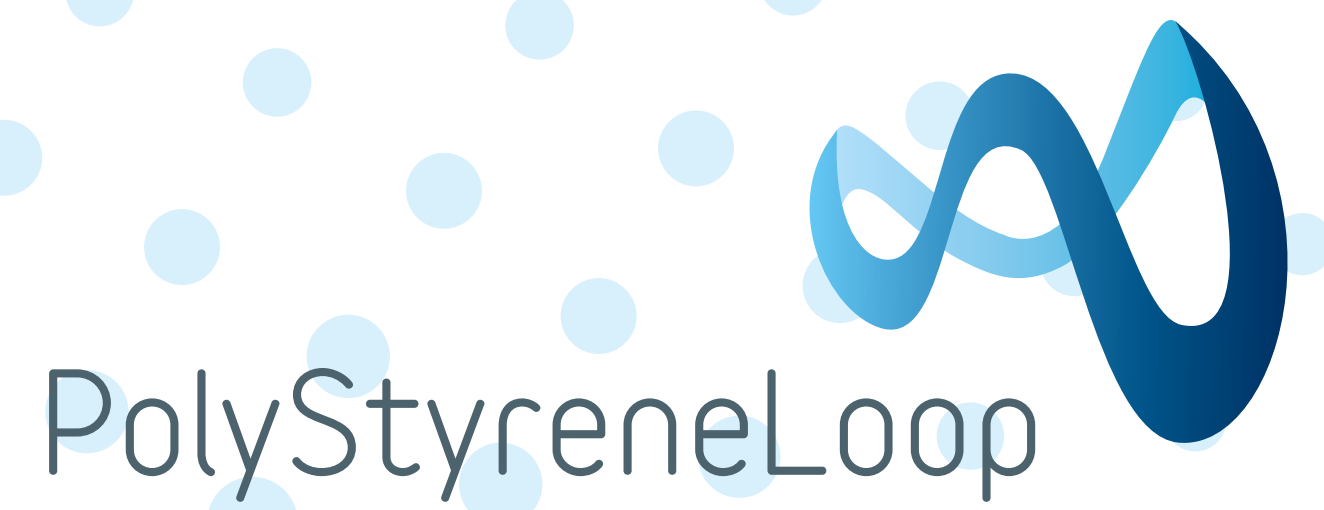




LIFE 16 ENV/NL/000271
period 2017 to 2021



The circular economy in action

CLOSED-LOOP RECOVERY OF POLYSTYRENE FOAM AND BROMINE



PolyStyreneLoop is developing an elegant solution with a physical recycling process, based on the CreaSolv® Technology. In this process, PS foam is turned into a high-quality PS recycle, which can be re-used as raw material for new insulation foams. The flame retardant HBCD is safely removed to be destroyed, and the valuable bromine component is recovered. A key project deliverable will be an industrial scale demonstration plant located in the Netherlands.

The PolyStyreneLoop Cooperative U.A. is a non-profit organisation founded by Synbra and ICL in the Netherlands. The focus is on demonstrating that PS foams can contribute to a circular economy. Members of the cooperative are industry representatives from the whole PS foam value-chain. The main goal of the Cooperative is the building and operation of the demonstration plant.



Synbra



WWW.POLYSTYRENELOOP.EU

CreaSolv® is a registered trademark of CreaCycle GmbH. The CreaSolv® Process is a development of the Fraunhofer Institute IVV and the CreaCycle GmbH.