

CIRCULAR PACKAGING

for Direct Food Contact Applications



WE DELIVER KEY RESULTS



Recovery of >90%
(yield) of newly designed and tracer-marked food-packaging items

Efficient recycling of PE (>90%)
from the input material

Reduction of virgin PE (>50%)
in the final flexible laminate

Circular design
of flexible packaging products currently made of multi-layer materials

Knowledge-gain
on process environmental footprint

Support for standardization
in EU food and packaging industry

WE DELIVER TECHNICAL PROJECT EXPERTISE

Sorting and recycling

Waste stream analysis and supply Improved sorting technologies



Pre-treatment for high-quality recyclates

Deodorization
CreaSolv® / Purification
Delamination & Deinking



Design for circularity

Design of mono material packaging Incorporation of recyclates

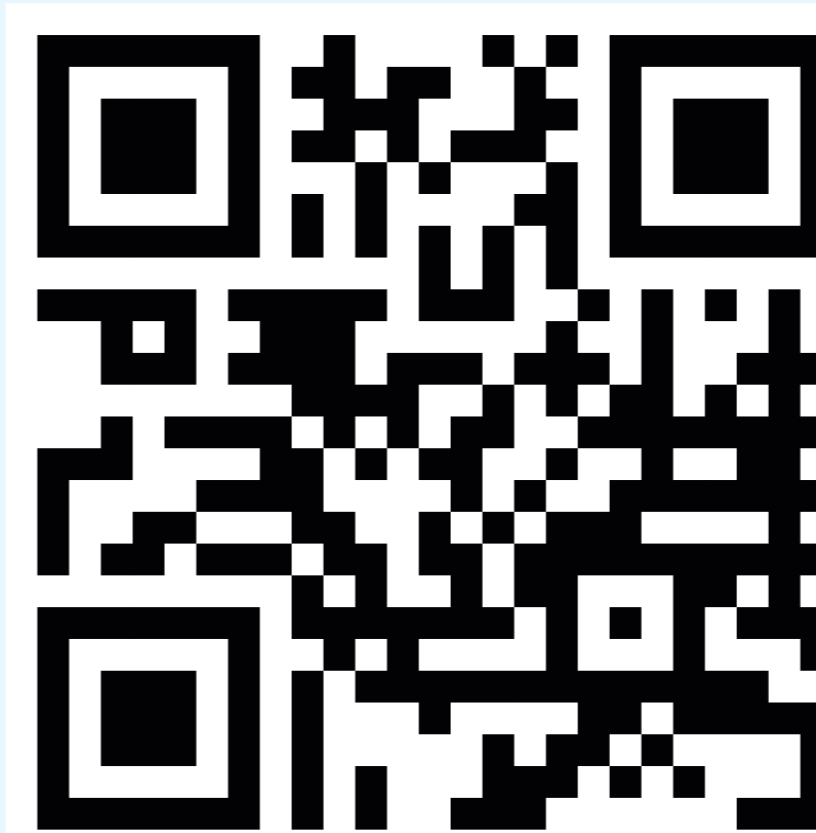


Mechanical recycling and Re-Extrusion



Project Consortium:

EU Project: CIRCULAR FoodPack | Circular packaging for direct food contact applications
Coordinator: Fraunhofer IVV
Call Topic: Improving the sorting, separation, and recycling of composite and multi-layer materials
Project duration: 06/2021-11/2024
EU funding: 5.37M€
Consortium: 15 Partners, 7 countries



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Coordinated by



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