

Agenda

SUBJECT		Waste to resource: A new circular economy for the plastic packaging value chain	
DATE		11 th April 2018	
PLACE		Meeting Room Luxembourg & Strasbourg, Science 14 Rue de la Science, 14b - Bruxelles	
STARTING TIME		April 11 th at 10:00	
FINISHING TIME		April 11 th at 13:00	
AGENDA			
11 th April 2018			
Item	Time	Subject	Speaker
	10:00 h	Arrival & Coffee	
1	10:15 h	Welcome – European Commission Overview of the plastics strategy.	Paulo Lemos Policy officer EC - DG Environment - Sustainable Production, Products & Consumption
2	10:30 h	Activities, aims and expected results from CIRC-PACK What is CIRC-PACK hoping to achieve, and how will it do it?	CIRCE
3	10:40 h	Plastics from renewable resources – CIRC-PACK Demo Case A	NOVAMONT
4	10:50 h	Eco-friendly packaging designs – CIRC-PACK Demo Case B	BUMAGA
5	11:00 h	Enhanced sorting and recycling – CIRC-PACK Demo Case C	AITIIP
6	11:10 h	Social acceptance Role of consumers associations	OCU

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7	11:20 h	Dissemination and co-operation How will CIRC-PACK project ensure the uptake of its results, and how can we co-operate with stakeholders? How can CIRC-PACK project and stakeholders work together to ensure dissemination and exploitation of results?	ICLEI
	11:30 h	Coffee	
8	11:45 h	Overcoming legislative barriers for the recycling of fossil based and biobased plastics for packaging: <ul style="list-style-type: none"> Approach followed within CIRC-PACK and role of the stakeholders 	RINA-C
9	11:55 h	Parallel roundtables involving the following stakeholders: <ul style="list-style-type: none"> Consumers Business stakeholders Public administration 	RINA-C, CIRCE, OCU
10	12:45	Presentation of results and most interesting case studies.	RINA-C, CIRCE, OCU
	13:00 h	End of the meeting	

Objectives

The CIRC-PACK Horizon 2020 project will be presented with parallel roundtables to gather interest and concerns from stakeholders involved in plastic packaging value chain. This event will boost the discussion from different perspectives (consumers, business and administration) to analyse: the social acceptance of innovations applied during the project; the barriers to embrace new plastic packaging, and; regulation to foster the market uptake of bio-based products. Packaging value chain stakeholders will provide updates from the territories and sectors they represent, the legislative framework, the market for the products developed during the project and the funding measures for pushing this initiative.

Stakeholders

This meeting brings together stakeholders from along the plastic packaging value chain: waste management and treatment, manufacturers, end-users, designers and public authorities.

CIRC-PACK project innovations will be discussed, including how stakeholders can contribute to project results, and exploit the results for the advantage of their members.

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CIRC-PACK PROJECT

The overall objective is the demonstration and replication of key enabling strategies and actions in every step of the plastic packaging sector value chain that will facilitate the transition from the current linear value chain to a chain aligned with circular economy principles. The actions foreseen in the project will target seven specific objectives from three demo cases aiming towards a New and Sustainable Plastics Economy.

The ambition is to deliver better system-wide economic and environmental outcomes by i) **decoupling the chain from fossil feedstock**, (ii) **reducing the negative environmental impact of plastic packaging**; and (iii) creating an **effective after-use plastics economy**. In addition, in order to enhance the replicability of the proposed innovations, sustainable business models will be applied, thus activating a self-spreading principle that will open the door for the broad implementation of CIRC-PACK principles.

1. CIRC-PACK will seek and validate 100% new biodegradable materials, from renewable resources, non-competitive with human crops, for targeted applications along the plastic value chain, which will be cost competitive regarding current fossil-based plastics.
2. CIRC-PACK will **design and validate new packaging solutions that will enable and/or facilitate the end-of-life separation of materials**. Full-scale testing of the sorting equipment will be developed for a wide range of plastic materials, in order to evaluate the capacity of the plastic sorting facilities in Europe. Rigid and flexible packaging will be developed under the requirements of these technological solutions. In addition, complete **substitution of current multilayer products by fully biodegradable multilayer solutions and fully bio-based multimaterial structures** (fully compatible with the majority of the existing paper and board recycling processes preventing the actual stream of mixed paper/plastic waste), will both be addressed.
3. CIRC-PACK will **trigger the utilization of recycled material as raw material and create closed-loop recycling flows and multi-sectorial cascade recycling process**.
4. CIRC-PACK will address the barriers to **facilitate a broader transition to the circular economy**. CIRC-PACK will lay a roadmap of regional and national integration strategies of waste management of plastics based on the previous objectives and case studies.
5. CIRC-PACK will develop a life-cycle methodology **to assess the performance of CIRC-PACK value chain** in terms of circularity improvement.
6. CIRC-PACK will demonstrate the environmental, social and economic impact of the new circular value chain contributing to the uptake of project results and assessing the sustainability of the proposed technical and non-technical solutions, in view to **the European targets (increase the collecting rate at least up to 48%, the recycling rate by 37% in 2020, and reducing the landfilling rate up to 15% by 2020)**.
7. CIRC-PACK will develop **new sustainable business models to enable a circular use of plastic materials** will be applied, thus activating a self-spreading principle that will open the door for wide implementation of CIRC-PACK principles.

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