



Council of the
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COVER NOTE

From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 2 July 2014

To: Mr Uwe CORSEPIUS, Secretary-General of the Council of the European
Union

No. Cion doc.: COM(2014) 398 final - ANNEX 1

Subject: Annex to the Communication from the Commission to the European
Parliament, the Council, the European Economic and Social Committee
and the Committee of the Regions
Towards a circular economy: A zero waste programme for Europe

Delegations will find attached document COM(2014) 398 final - ANNEX 1.

Encl.: COM(2014) 398 final - ANNEX 1



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ANNEX 1

ANNEX

to the

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL
COMMITTEE AND THE COMMITTEE OF THE REGIONS**

**Towards a circular economy:
A zero waste programme for Europe**

{SWD(2014) 206 final}

{SWD(2014) 211 final}

Annex: How can Horizon 2020 contribute to the circular economy?

Circular economy represents a development strategy that entails economic growth without increasing consumption of resources, deeply transform production chains and consumption habits and redesign industrial systems at the system level. It relies on innovation being it technological, social and organisational. It requires a new portfolio skills and knowledge as well as new financial instruments, multistakeholders' involvement. In terms of actions, it may be supported by demonstration, market uptake, awareness, dissemination and internationalisation.

In terms of content, it requires a strong integration across the Industrial Leadership (part II) and Societal Challenges (Part III) parts of Horizon 2020. Since circular economy considers the whole value chain potential, it requires support from all stages of the research and innovation chain. Therefore contribution from the other parts of Horizon 2020 dealing with Excellent Science (part I), Spreading Excellence and Widening Participation (part IV), Science with and for the Society (part V), Non-nuclear direct action of the Joint Research Centre (part VI) and the European Institute of Innovation and Technology (part VII) will be also needed to a certain extent. The contribution of various Horizon 2020 parts to the circular economy are summarised below. To note that the SPIRE PPP and JTI BBI are supported by Horizon 2020 and that they contribute strongly to the goals of circular economy.

		Excellent Science				Industrial Leadership			Societal Challenges							Spreading excellence and widening participation		Science with and for Society		European Institute of Innovation & Technology		Joint Research Centre																			
CIRCULAR ECONOMY - COMPONENTS	Technological Innovation	Design of materials and processes	++	++	++	Research infrastructures	++	Leadership in enabling and industrial technologies	++	Access to risk finance		Innovation in SMEs	+	Health, demographic change and wellbeing		Food security, sustainable agriculture and forestry, marine and maritime and inland water research	+	Secure, clean and efficient energy	+	Smart, green and integrated transport		Climate action, environment, resource efficiency and raw materials	+	Europe in a changing world – inclusive, innovative and reflective societies		Secure societies - Protecting freedom and security of Europe and its citizens															
		Design of products	++				++	++																																	
		Resource management (waste, water, energy and raw materials)		+	++		++	++																																	
	Social Innovation	New production and consumption models													+																										
		Citizens' involvement																																							
		Product service models																																							
	Organisational Innovation	Design services																																							
		Integrated solutions and systems																																							
		Logistics																																							
		Business models																																							
	Skills and Knowledge	Policy supporting tools																																							
		Entrepreneurship																																							
Financial instruments	Capacity-building and multi-disciplinary																																								
	Awareness, dissemination and internationalisation																																								
	Multi stakeholder involvement																																								

