



Horizon 2020 Coordinating/Supporting Action

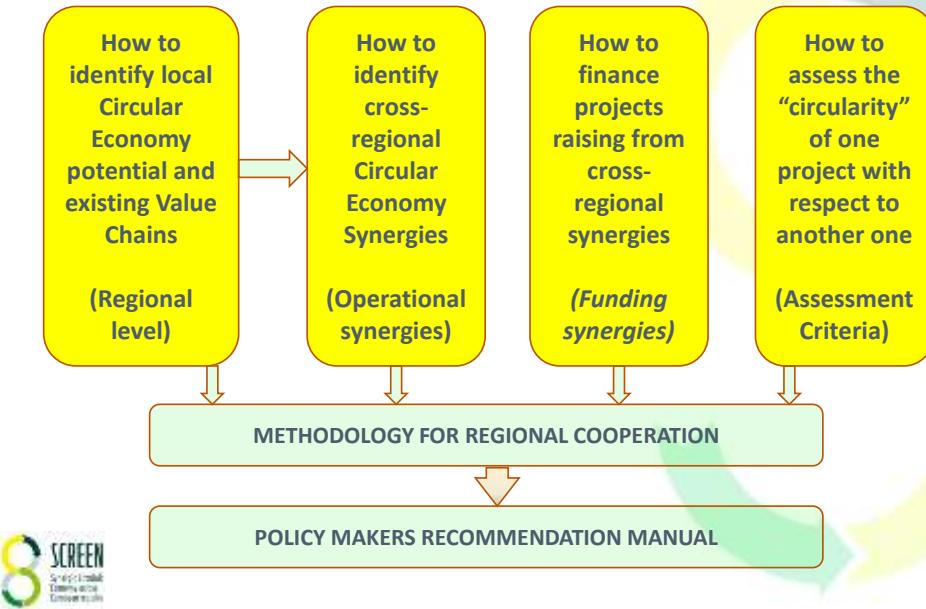
Duration: 24 months, started on 01/11/2016



The project objective is the definition of a common agreed and replicable systemic approach towards a transition to Circular Economy and the synergic application of different funds



## The four steps of the SCREEN project



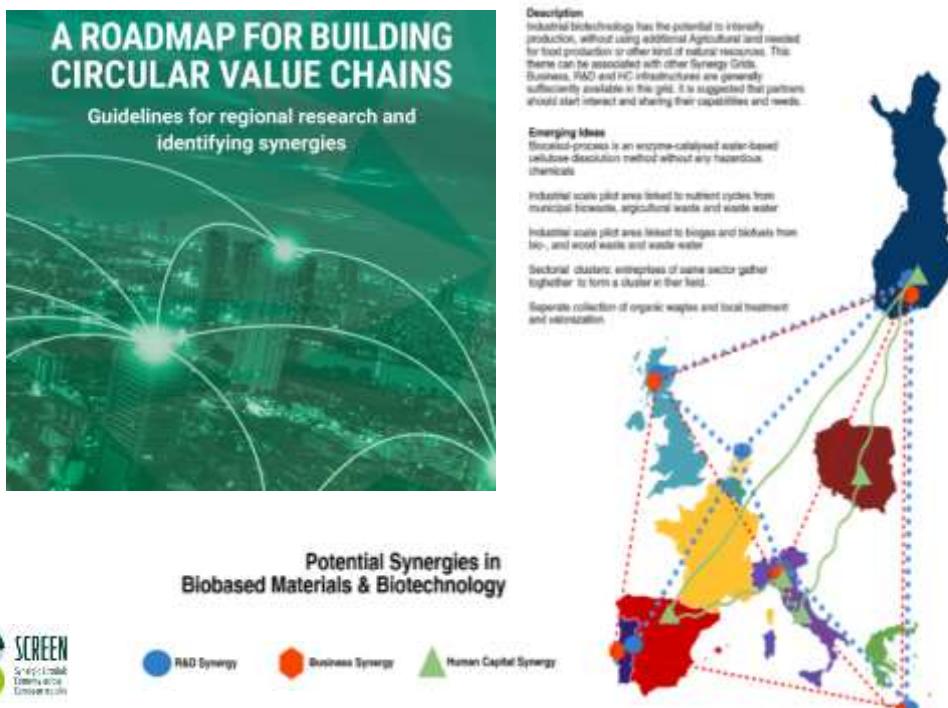
### How to identify local Circular Economy potential and existing Value Chains (Regional level)

#### SCREEN TOOL



The SCREEN Mapping Tool





 **Policy Lab**

MEMORANDUM OF UNDERSTANDING  
for a synergic use of regional and European funds targeted to circular economy projects

THE SIGNATORIES OF THIS DOCUMENT.  
Having regard to the EU action plan for the Circular Economy<sup>1</sup>

Whereas:

- (1) The transition to a more circular economy is an essential contribution to develop a sustainable and competitive economy, as well as an opportunity to generate new and sustainable competitive advantages for the European Regions.
- (2) Regional authorities have a key role to play in the transition towards Circular Economy and greater synergies, nevertheless, fragmentation of resources and implementation difficulties obstruct progress towards achieving common objectives.
- (3) The European Commission publication "EU Funds working together for jobs & growth"<sup>2</sup> shows how some funds synergies are possible and encourages their implementation
- (4) At the level of a comprehensive program, synergies between the European Structural and Investment Funds (ESIF) and H2020 is possible and visible, even if not yet completely tested in real cases.
- (5) Specific actions already initiated by some regions are good examples of best practices and could also be implemented at European level.
- (6) Article 70 of the ESIF regulation allow operations implemented outside the programme area, but within the EU, up to 15% of the allocated funds; however, there is no evidence of its actual application.

**Result of a series of discussions within the Policy Lab**

**Designed to be a “Multi-partner Seal of Excellence” allowing actual financing**

**First signatures already achieved in the first quarter of 2018, further ones are coming**

**Open to all EU regions**

Text, explanatory notes and already signed documents available at:  
<http://www.screen-lab.eu/Step3.html>



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### DRAFT TABLE OF ASSESS Policy Lab

		DRAFT TABLE OF ASSESS	
		Waste recycling or reduction should select one of the case studies projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data.	
1	2	3	4
Relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data.	Relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data. For others, relevant projects (with no supporting actions) should only present data.	Description	Explanation
1	1	Map of waste resources recovered and re-introduced in the new production cycle.	Waste recovered is re-used in the same location as a secondary raw material.
1	2	Industrial symbiosis: Map of waste resources recovered and re-introduced to another production cycle...	Waste recovered is re-used in another location as a secondary raw material.
1	3	Increase in the recyclability of waste generated, or...	Waste recovered is put on the market as a secondary raw material.
1	4	Avoidance of waste generation...	The new process generates less waste.
1	5	"Net Energy balance in respect to the previous system" or "Amount of energy recovered"	The new process consumes less energy or same energy of the new process is recovered.
1	6	Reduction of emissions...	The new process has less impact respect to the old one.
Social Criterion	7	Net balance of jobs...	Number of new jobs created by the circular economy project, minus the number of jobs lost in the previous linear process.
Business Criterion	8	Increase of economic value (life cycle)	Rate of economic value of the new process respect to the previous one.
Circularity-related project	9	Project promoting waste recycling...	
	10	Implementation of "green procurement" in the project...	
	11	Inclusion of relevant stakeholders' education on circular economy...	

[\*] In case of other penalties, a table of equivalence should be used to convert

### Monitoring Framework -COM(2018) 29 final

No.	Name	Reference	EU Directives concerned
<b>Production and consumption</b>			
1	EU self-sufficiency for raw materials	The circular economy should help to achieve the supply risks for raw materials, in particular critical raw materials.	Raw Materials Initiative; Resource Efficiency Roadmap
2	Lower public procurement*	Public procurement accounts for a large share of consumption and can drive the circular economy.	Public Procurement Strategy; EU support schemes and voluntary criteria for green public procurement
3	Waste generation	In a circular economy waste generation is increased.	Waste Framework Directive; direction on specific waste streams; Strategy for Plastics
4	Food waste**	Discarding food has negative environmental, climate and economic impacts.	General Food Law Regulation; Waste Framework Directive; various initiatives (e.g. Platform on Food Losses and Food Waste)
<b>Waste management</b>			
5a-i	Overall recycling rates	Increasing recycling is part of the transition to a circular economy.	Waste Framework Directive
5a-f	Recycling rates for specific waste streams	This reflects the progress in recycling key waste streams.	Waste Framework Directive; Landfill Directive; direction on specific waste streams
<b>Secondary raw materials</b>			
6a-i	Utilisation of recycled materials in new products	In a circular economy, secondary raw materials are commonly used to make new products.	Waste Framework Directive; Circular Economy Directive; EU REACH regulation; the environment, chemicals, products and waste policy; Strategy for Plastics; quality standards for secondary raw materials
6ii	Trade in recyclable raw materials	Trade in recyclables reflects the importance of the internal market and global participation in the circular economy.	Internal Market policy; Waste Disposal Regulation; Trade policy
<b>Competitiveness and innovation</b>			
7a-i	Private investments, jobs and gross value added	This reflects the contribution of the circular economy to the creation of jobs and growth.	Investment Plan for Europe; Structural and Investment Funds; InvestEU; Circular Economy Finance Support Platform; Circular Economy Finance Initiative; Green Deal; Circular Economy Initiative; New Skills Agenda for Europe; Internal Market policy
7ii	Innovative technologies related to the circular economy based the EU's global competitiveness		Mission 2020

## 165 Answers, 43 Comments



**Your overall opinion about the table of the assessment criteria.**

1=poor  
9=very good

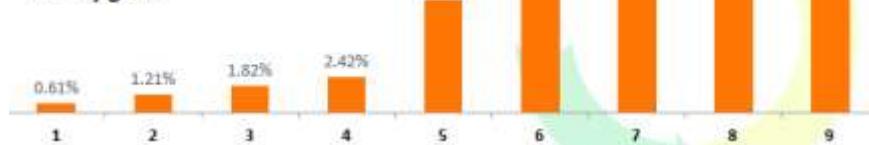


TABLE OF ASSESSMENT CRITERIA FOR CIRCULAR ECONOMY PROJECTS - REV. 3.0



These criteria are based on the definition given in the circular economy action plan (COM(2013)024), where circular economy is explained as an economy "where the value of products, materials and resources is maintained in the economy for as long as possible, and the generation of waste minimised". The cost (€/year) is an intermediate indicator to measure how the different metrics and to easily arrive at a coherent and transparent ranking tool.

	A	B	C	D	E	F	
	Criterion	Description	Metric	Additional parameters	Assessment Indicator	Weight	
<b>PRODUCTION</b>	1	ECO-Design	Redesigning the first stage of an industrial process (product design) in order to reduce the waste generated AND/OR increase the life of the final product.	kg/year of virgin material avoided through the new process AND/OR by the prolongation of the product's life	Economic value of the virgin material (€/kg)	Metrics as additional parameter (€/year)	12
	2	New production process extracting "secondary raw material"	Replacement, total or partial, of virgin material with "secondary raw material"	kg/year of virgin material avoided through the prolongation of the product's life	Economic value of the virgin material (€/kg)	Metrics as additional parameter (€/year)	8
<b>CONSUMPTION</b>	3	RR-Use, Re-Manufacturing, Rehabilitation	Improvement of the life of a certain product that otherwise will be disposed	kg/year of virgin material avoided by the prolongation of the product's life	Economic value of the virgin material (€/kg)	Metrics as additional parameter (€/year)	8
	4	Mass of waste resources recovered and re-introduced in a production cycle as secondary raw material	The new process generates waste that can be re-used in the same process or in another production process.	kg/year	Economic value of the secondary raw material (€/kg) + Cost of its transport to the production site (€/kg) (%)	Metrics as additional parameter (€/year)	8
<b>DISPOSAL</b>	5	Project promoting waste recycling	Recyclational campaign with a specific target producing a specific waste	Waste produced by the target kg/year	Cost of disposal (€/kg)	Metrics as additional parameter (€/year)	8
	6	"Net energy balance respect to the previous system" or "Amount of energy recovered"	Energy (kWh) saved in the old process per unit of product divided by energy used in the new process for the same unit of product	Number that can be lower or higher than 1		Metrics (the number in column E)	12 (the assessment indicator is "poor" or weight)
<b>ENVIRONMENTAL CRITERIA</b>	7	Reduction of emissions	Reduction of CO2 (%) generated by the old process per unit of product divided by emissions used in the new process for the same unit of product	Number that can be lower or higher than 1		Metrics (the number in column E)	12 (the assessment indicator is "poor" or weight)
	8	Net balance of jobs	Number of new jobs created by the circular economy project, minus the number of jobs lost in the previous linear process	N = Number of full time working units (can be positive or negative)	N = Number of full time working units in the old process	1 + $\frac{N}{P}$	
<b>SOCIAL CRITERION</b>	9	Implementation of "CIRCULAR PROCUREMENT" in the project (not the use of relevant)			The weight of the related project is increased by 50%		
	10	Educational projects targeted to relevant stakeholders (not the use of relevant)			The weight of the related project is increased by 50%		
Annotations may refer only one or both of these two items:							

(\*) In case the secondary raw material does not have a fixed valuation but is part "put on the market", the weight is reduced from 8 to 7

(\*\*) In case of other pollutants, a ratio of responsibility should be used to convert them into CO2 equivalent emissions - <https://litteracy.org/commission/circular-economy/>

**Applicants should:** 1) Select the item or which their project falls - **only one among the options from 1 to 10**; 2) clearly describe the project and its metrics as requested in column C; 3) Define **what**, the economic value of the material/loss of disposal by using current market prices, as requested in column D; 4) Provide the information related to the environmental and social criteria, as requested in rows 7, 8 and 9.

**Circular procurement or educational projects** should always enable to facilitate a project falling to one of the option from 1 to 6. Thus, the relevant box should be selected and the same prior reasoning should be consulted.

**Assessors should:** 1) Verify the compliance to the above instructions and the congruence of the metrics declared with respect to the project description. 2) Verify that the economic effects are adequately proven. 3) Multiply the metric of the chosen criterion (with use among the options from 1 to 10) per its additional parameters, thus obtaining a value expressed in €/year. 4) Multiply each a value for the assessment indicator 7, then for the indicator 8 and finally for the indicator 9, obtaining a value in €/year that can be higher or lower than the previous one. 5) Verify if one of the boxes "circular procurement" or "educational project" and apply the related weight.

# Thank you for your Attention! >>>

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All project documents and tools are available on our web site [www.screen-lab.eu](http://www.screen-lab.eu)



## SCREEN Project Final Conference

Within the Forum "CompraVerde" (Buy-Green) - ROME 18-19 OCTOBER 2018

Salone delle Fontane - Roma EUR

SCREEN ([www.screen-lab.eu](http://www.screen-lab.eu)) is an H2020 coordinating and supporting action participated by 17 European Regions coordinated by Lazio Region, aiming at the definition of a replicable systemic approach towards a transition to Circular Economy in European regions. The outcomes of the project will be presented in the final conference, organized in two sessions in order to allow the attendees to participate at the other forum sessions and at the exhibition.

The Forum "CompraVerde" (BuyGreen) is the most important Italian and European event for public and private policies, projects and initiatives on green and sustainable procurement.  
<https://www.forumcompraverde.it/en/>

Each registered participant at the SCREEN Final Conference will have a free badge valid for the two days:

