SCREEN
Synergic CircularR Economy across European regioNs

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730410

Introduction

Carlo Polidori, SCREEN Project Manager

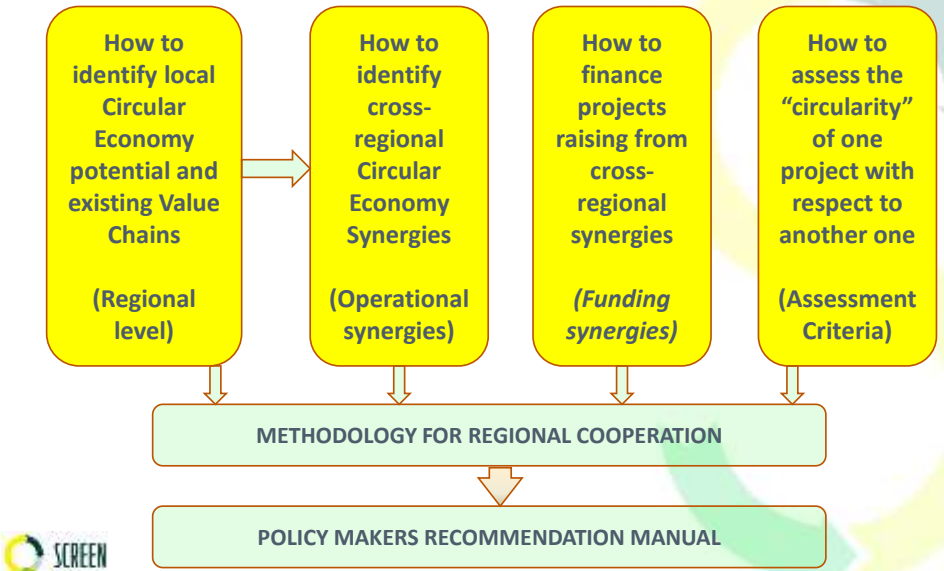
SCREEN International Workshop – Pamplona – 05/09/2018

Horizon 2020 Coordinating/Supporting Action

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

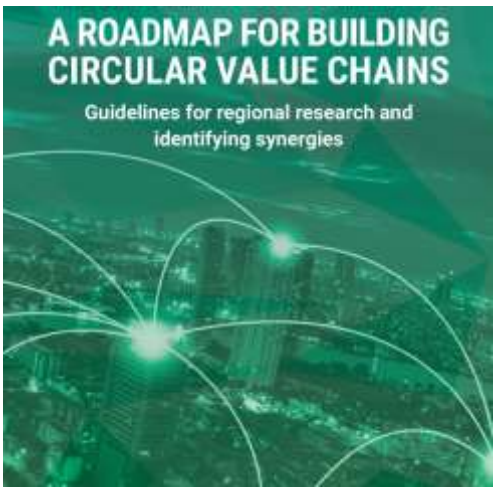
The project objective is the definition of a common agreed and replicable systemic approach towards a transition to Circular Economy and the synergic application of different funds

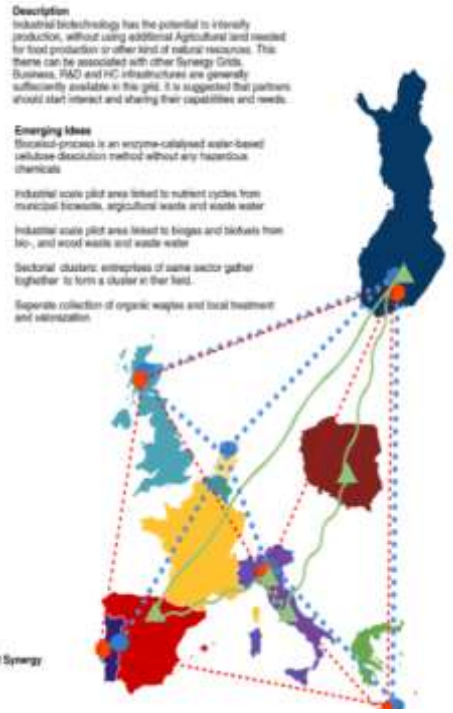
The four steps of the SCREEN project



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

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[1]

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*"[2] 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 nurtured 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

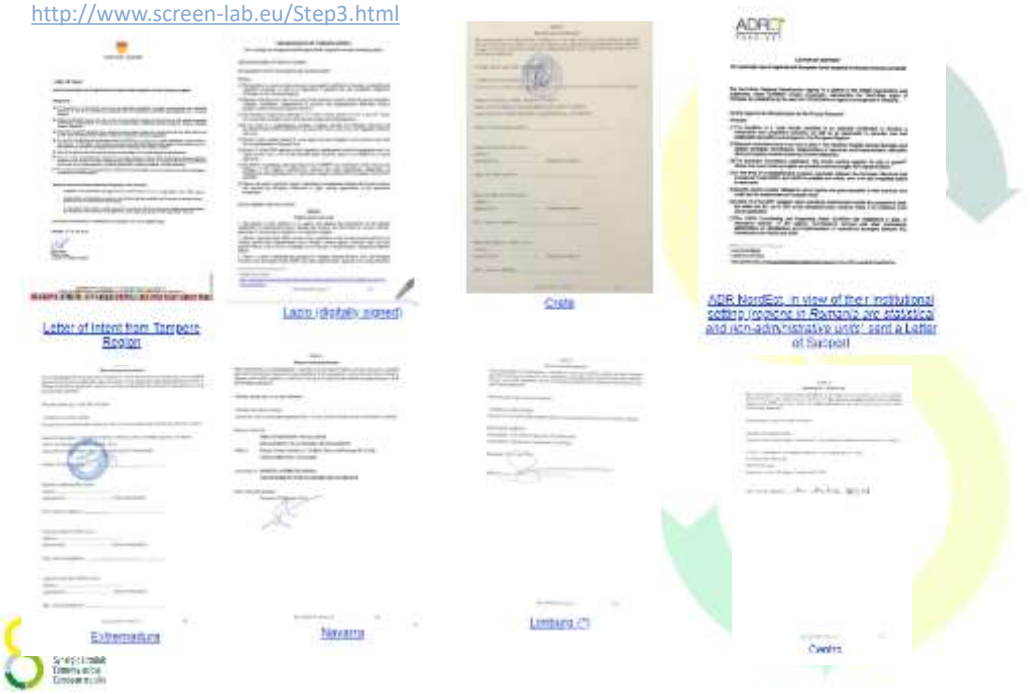
Designed to be a "*Multi-partner Seal of Excellence*" *allowing actual financing*

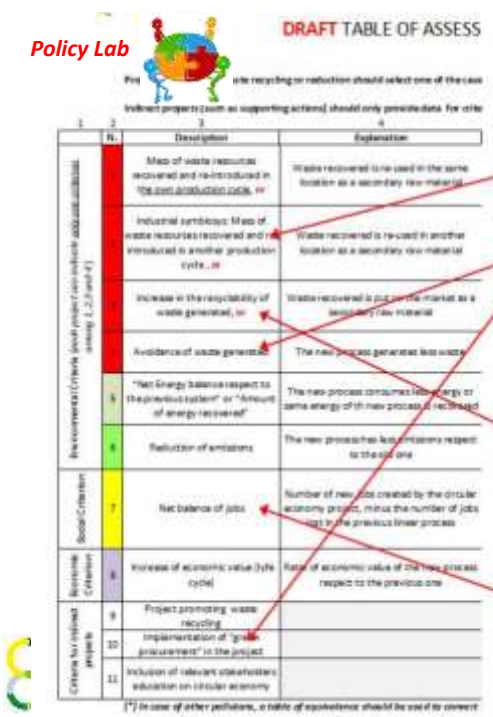
First signatures already achieved in the first quarter of 2018, further ones are coming

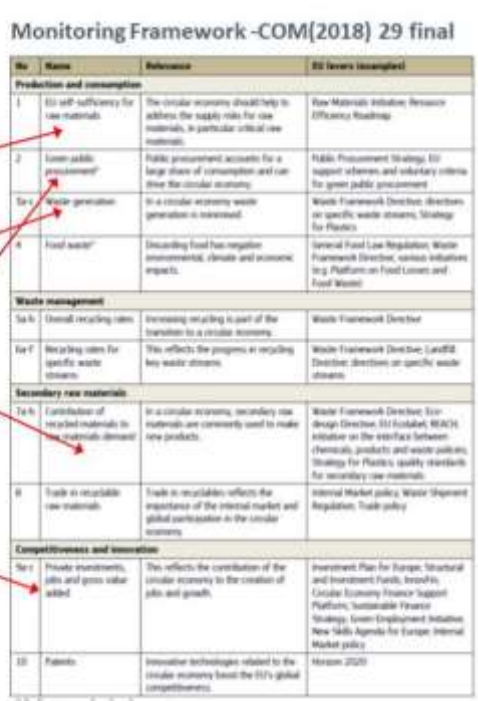
Open to all EU regions

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

http://www.screen-lab.eu/Step3.html







165 Answers, 43 Comments

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

	N.	A CRITERION	B Explanation	C Metrics	D Additional parameters	E Assessment indicator	F Weight
PRODUCTION	1	ECO- Design	Re-shaping 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 x additional parameter (€/year)	10
	2	New production process excepting "secondary raw material"	Replacement , total or partial, of virgin material with "secondary raw material"	Kg/year of virgin material avoided through the new process	Economic value of the virgin material (€/Kg)	Metrics x additional parameter (€/year)	9
CONSUMPTION	3	Re-Use, Re-Manufacturing, Refurbishment,	Prolongation 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 x additional parameter (€/year)	8
DISPOSAL	5	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 materials (€/Kg) minus Cost of its transport to the production site (€/Kg) (*)	Metrics x additional parameter (€/year)	6
	6	Project promoting waste recycling	Promotional campaign with a specific target producing a specific waste	Waste produced by the target Kg/year	Cost of disposal (€/Kg)	Metrics x additional parameter (€/year)	4
ENVIRONMENTAL CRITERIA	7	"Net Energy balance respect to the previous system" or "Amount of energy recovered"	Energy (KWh) used 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 C)	1 (the assessment indicator is "per se" or weight)
	8	Reduction of emissions	Emissions 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 C)	
SOCIAL CRITERION	9	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)	F = Number of full time working units in the old process	$I = \frac{(N)}{F}$	
Applicants may select only one of these two boxes		Implementation of "CIRCULAR PROCUREMENT" in the project: *(tick the box if relevant)*		The weight of the related project is increased by 30%			
		Educational projects targeted to relevant stakeholders *(tick the box if relevant)*		The weight of the related project is increased by 20%			

(*) *In case the secondary raw material does not have a final destination but is just "put on the market", the weight is reduced from 8 to 7*

(**) *In case of other pollutants, a table of equivalence should be used to convert them into CO2 equivalent emissions - https://climatechangeconnection.org/emissions/co2-equivalents/*

Assessment procedure (Example in the following pages)

Applicants should: 1) Select the item or which their project falls - only one among the options from 1 to 9; 2) clearly describe the project and its metrics as requested in column C; 3) Declare and prove the economic value of the materials/cost of disposal by using current market prices, as requested in column D; 4) Provide the informations related to the environmental and social criteria, as requested in rows 7, 8 and 9.
Circular procurement or educational projects should anyway enable to facilitate a project falling in one of the option from 1 to 6. Thus the relevant box should be selected and the same above procedure should be completed.

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 values/costs are adequately proven; 3) Multiply the metrics of the chosen criterion (only one among the options from 1 to 6) per its additional parameter, 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!

Carlo Polidori - polidori.carlo@telenet.be

All project documents and tools are available on our web site **www.screen-lab.eu**

REGIONE LAZIO

LAZIO INNOVA

SCREEN
Synergic Circular Economy across European regions

COMPRAVERDE BUYGREEN FORUM 2018

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) 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