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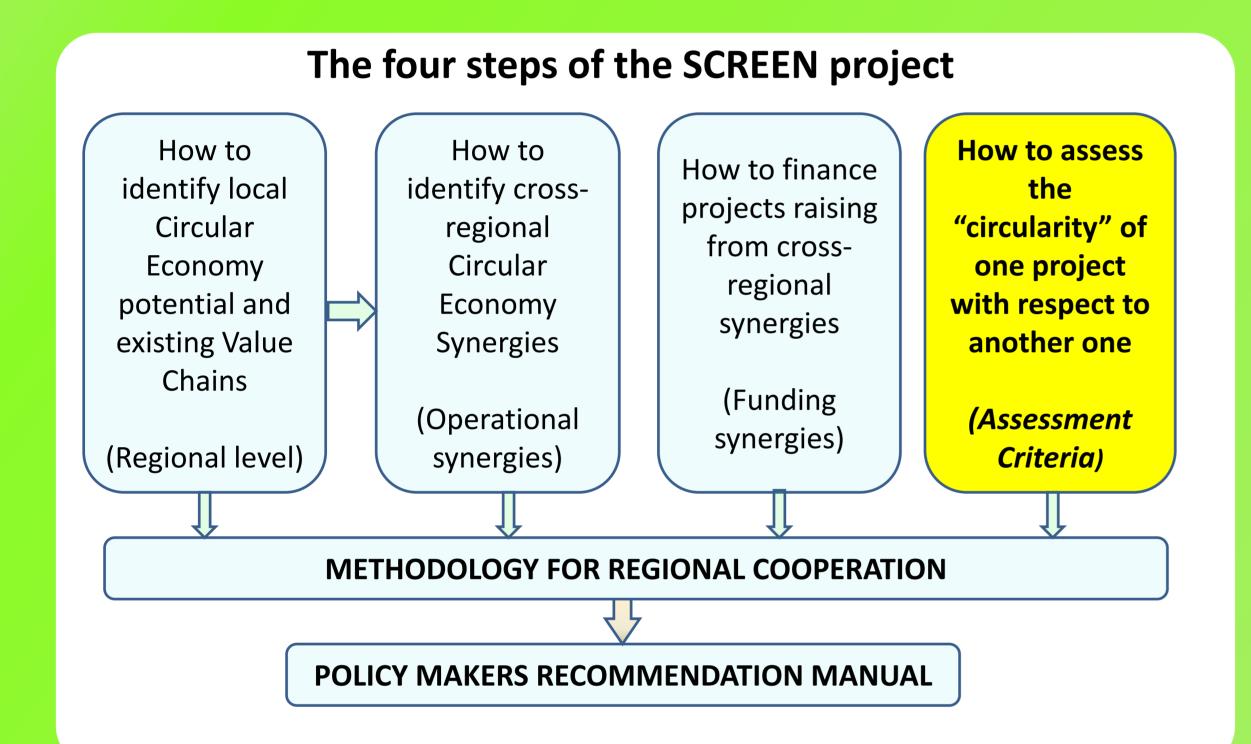
ADR ® Agenția pentru Dezvoltare Regională N O R D - E S T

Select only one among the four



How do we assess projects' circularity?

Questionnaire for assessment criteria by SCREEN Policy Lab: www.screen-lab.eu/Questionnaire.html



Indirect projects (such as supporting actions) should only provide data for criteria 8, 9 and 10

SCREEN is an H2020 CSA aiming at the definition of a replicable systemic approach towards a transition to Circular Economy in EU regions. A specific task is dealing with a common agreement on a specific set of "evaluation criteria for circular economy projects". The criteria to be defined are therefore the additional ones to be used for the sole purpose of evaluating the "circularity" of one project respect to another one and help the evaluators to make a clear and transparent ranking list.

Your opinion is important and will have an influence on the definition of the final set of criteria that will be used by the SCREEN regions. Please fill-in the questionnaire at: www.screen-lab.eu/Questionnaire.html

SCREEN Synergic CirculaR Economy across

DRAFT TABLE OF ASSESSMENT CRITERIA FOR CIRCULAR ECONOMY PROJECTS

Projects dealing with waste recycling or reduction should select one of the cases indicated in the rows from 1 to 4 and provide the requested data. Then data can be provided fo criteria 5, 6 nd 7.

1	2	3	ng actions) should <u>only</u> provide data for crite 4	5	6	7	8	Select only one among the four 9	
	⊤_ ∏N.	Description	Explanation	Metrics	Additional parameters	Assessment indicator	Weight	Data that should be provided by the applicants	
	1	Mass of waste resources recovered and re-introduced in the own production cycle, or	Waste recovered is re-used in the same location as a secondary raw material	Kg/year	•	Metrics x additional parameter (€/year)	10	Description of the new process with a clear demonstration of quantity, quality and economic value of the waste re-used in the same location	
Criteria mong 1, 2,3 and 4)	2	Industrial symbiosys: Mass of waste resources recovered and reintroduced in another production cycle, or	Waste recovered is re-used in another location as a secondary raw material	Kg/year	Economic value of the secondary raw material (€/Kg)		9	Description of the new process with a clear demonstration of quantity and quality of the waste recovered, AND statement of the owner of the other process that buys the secondary raw material at the described cost	
Environmental Cri	3	Increase in the recyclability of waste generated, or	Waste recovered is put on the market as a secondary raw material	Kg/year			8	Description of the new process with a clear demonstration of quantity, quality and economic value of the waste recovered	
		Avoidance of waste generated	The new process generates less waste	Kg/year	Cost of disposal (€/Kg)		7	Description of the new process with a clear demonstration of quantity, quality and economic value of the waste re-used in the same location	
(choose	5	"Net Energy balance respect to the previous system" or "Amount of energy recovered"	The new process consumes less energy or same energy of th new process is recovered	Kwh/year	Cost of Energy (€/KWh)	Metrics x additional parameter (€/year)	6	Description of the new process with a clear demonstration of the quantity of energy saved or recovered	
	6	Reduction of emissions	The new process has less emissions respect to the old one	CO2 Kg/year (*)		Metrics (CO2 Kg/year)	6	Comparative description of the old and new processes, with a clear justification of CO2 remission reduction(*)	
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	Number of full time working units		Metrics (number of full time working units: in case ofpart time units decimals should be used)	6	Comparative description of the old and new processes, with a clear justification for new jobs created and old job lost. In case of no jobs lost a description of the new tasks for workers previously working at the old process should be provided	
Economic Criterion	8	Increase of economic value (lyfe cycle)	Ratio of economic value of the new process respect to the previous one	%		Metrics (%)	6	Comparative description of the old and new processes, with a clear justification of the increased economic value, if any	
eria for indirect projects	9	Project promoting waste recycling Implementation of "green procurement" in the project Inclusion of relevant stakeholders					From 1 to 5 From 1 to 5 From 1 to	Score assigned by the evaluators on the basis of the information contained in the project proposal : 0 = not complying with the	
Crite	11	education on circular economy					5		

Explanatory notes

The Draft table of assessment criteria for circular economy projects in has been prepared after several discussions between the 17 SCREEN regions and other stakeholders: it is intended as a tool for helping the evaluators of circular economy projects asking for regional funds, to be used in addition to the usual evaluation criteria. Projects are firstly divided into two separate categories:

A) Projects dealing with a production process change or upgrading
 The first category of projects is divided in four sub-categories having different "circularity impact" (weight), depending of the destination and the use of the waste recovered; applicant must compulsory select only one of the following cases:

 Waste recovered is re-used in the same location as a secondary raw

- material: this is the best ranked case, because there is no need of transport from one place to another place
- Waste recovered is re-used in another location as a secondary raw material: in this case there is a need of transport, but the recovered waste already has its final destination certified
- Waste recovered is put on the market as a secondary raw material: there is a need of transport and the recovered waste does not have its final destination yet
- The new process generates less waste, that is not recovered

After having chosen one of the above criteria, applicants are requested to indicate the energy efficiency of the new process respect to the old one (Criterion 5); these two criteria (the one selected among four and the fifth one) are converted in € per year through the parameters indicated in the table, in order to have a uniform parameter.

Applicants are then requested to provide data for a further environmental criterion and for the socio-economic criteria:
 Criterion 6) Reduction of emission (Kg of CO2 per year); reduction of other GHG/pollutants should be reduced to Kg of CO2 equivalent through commonly accepted conversion tables such as the one at

https://climatechangeconnection.org/emissions/co2-equivalents/.
 Criterion 7) Net balance of jobs (created by the new circular process and lost in the old linear one);

• Criterion 8) Increased economic value of the new process respect to the old one (%). This criterion is not transformed in € per year, in order to not penalize small businesses respect to greater ones: therefore only the increasing ratio is considered.

B) Projects dealing with the promotion of circular economy

This category of projects includes promotion, training, education and any other activity dealing with circular economy, but not directly foreseeing a change of a production process from linear to circular. Due to the wide range of possible projects, this draft version considers 3 generic sub-categories. It is to be underlined that these criteria have been defined as additional ones to be used by the regions, together with the usual ones, in case of projects dealing with circular economy and 3 criteria (respect to the 5 above defined for direct projects) should be enough. An excessive number of additional criteria could have a counterproductive effect.

Impacts

The preliminary list of assessment criteria defined by the SCREEN project has a good compliance with the list of circular economy indicators provided by the European Commission "Monitoring Framework" COM (2018) 29 final issued on 16th of January 2018.

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

The final list will take into account the results of the questionnaire and will be proposed to:

- European Commission, for its adoption as additional criteria on European funded projects.
- Other European Regions and programme owners, in order to have a common uniform evaluation of circular economy projects in Europe

		Projects dealing with was te recycli	ing or reduction should select one of the case	No	Name	Relevance	EU levers (examples)			
	Indirect projects (such as supporting actions) should only provide data for crite			Prod	Production and consumption					
1	2	3	4		EU self-sufficiency for	The circular economy should help to	Raw Materials Initiative; Resource			
R	N.	Mass of waste resources	Explanation Waste recovered is re-used in the same		raw materials	address the supply risks for raw materials, in particular critical raw materials.	Efficiency Roadmap			
ne criterio		recovered and re-introduced in the own production cycle, or	location as a secondary raw material	2	Green 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 crite for green public procurement			
a te caly o		Industrial symbiosys: Mass of waste resources recovered and re- introduced in another production	Waste recovered is re-used in another location as a secondary raw material	Sarc	Waste generation	In a circular economy waste generation is minimised.	Waste Framework Directive; directive on specific waste streams; Strategy for Plastics			
(each project can indicate <u>only one criterion</u> among 1, 2,3 and 4)		cycle , or Increase in the recyclability of	Waste recovered is put on the market as a secondary raw material	4	Food waste*	Discarding food has negative environmental, climate and economic impacts.	General Food Law Regulation; Waste Framework Directive, various initiati (e.g. Platform on Food Losses and Food Waste)			
P. 2		waste generated, or	secondary raw material		Waste management					
ia (eod)	14	Avoidance of waste generated	The new process generates less waste	5a-b	Overall recycling rates	Increasing recycling is part of the transition to a circular economy.	Waste Framework Directive			
Erwiro rmental Criteria	5	"Net Energy balance respect to the previous system" or "Amount	The new process consumes less energy or same energy of th new process is recovered	6a-f	Recycling rates for specific waste streams	This reflects the progress in recycling key waste streams.	Waste Framework Directive, Landfill Directive, directives on specific wast streams			
Ē		of energy recovered"	same energy or arriew process is recovated	Seco	ndary raw materials					
Towns:	6	Reduction of emissions	The new process has less emissions respect to the old one Number of new jobs created by the circular	7a-b	Contribution of recycled materials to resumaterials demand	In a circular economy, secondary raw materials are commonly used to make new products.	Waste Framework Directive, Eco- design Directive, EU Ecolabel, REACH initiative on the interface between chemicals, products and waste polic Strategy for Plastics; quality standar for secondary raw materials			
Social Criterion	7	Net balance of jobs 🖊	economy project, minus the number of jobs lost in the previous linear process	8	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 Shipm Regulation; Trade policy			
arion a	8	Increase of economic value (lyfe	Ratio of economic value of the new process respect to the previous one		Competitiveness and innovation					
Economic	8	cycle)			Private investments,	This reflects the contribution of the	Investment Plan for Europe; Structura			
	9	Project promoting waste recycling		7	jobs and gross value added	circular economy to the creation of jobs and growth.	and Investment Funds; InnovFin; Circular Economy Finance Support Platform; Sustainable Finance Strategy; Green Employment Initiativ New Skills Agenda for Europe; Intern Market policy			
Criteria for indirect projects	10	Implementation of "green procurement" in the project	t .							
T e	11	Inclusion of relevant stakeholders education on circular economy			Patents	Innovative technologies related to the	Horizon 2020			