



SCREEN

Synergic Circular
Economy across
European regioNs



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No730313

Task 3.4: Definition of the specific measures, including a multi regional portfolio of investment instruments

Lombardy Region – AFIL

Bruxelles, 30th May 2018



Structure and objectives of the WP3

“Matching criteria and specific measures”

Task 3.1
Fryslân

D3.1: Report on
synergies

Task 3.2
Lazio Region

D3.2: Policy Lab

Task 3.3
Unitus

D3.3: Classification
Methodology

Task 3.4
Lombardy

D3.4: Regional
Portfolio

Objectives of the Work Package:

- To **identify** (3.1) and **classify** (3.3) **synergies** among the participating regions and connected strategic initiatives, in order to **define a set of specific measures** to be discussed (3.2)
- Understand if and how existing and new **Regional instruments** can support the implementation of the identified Circular Economy Initiatives (3.4).

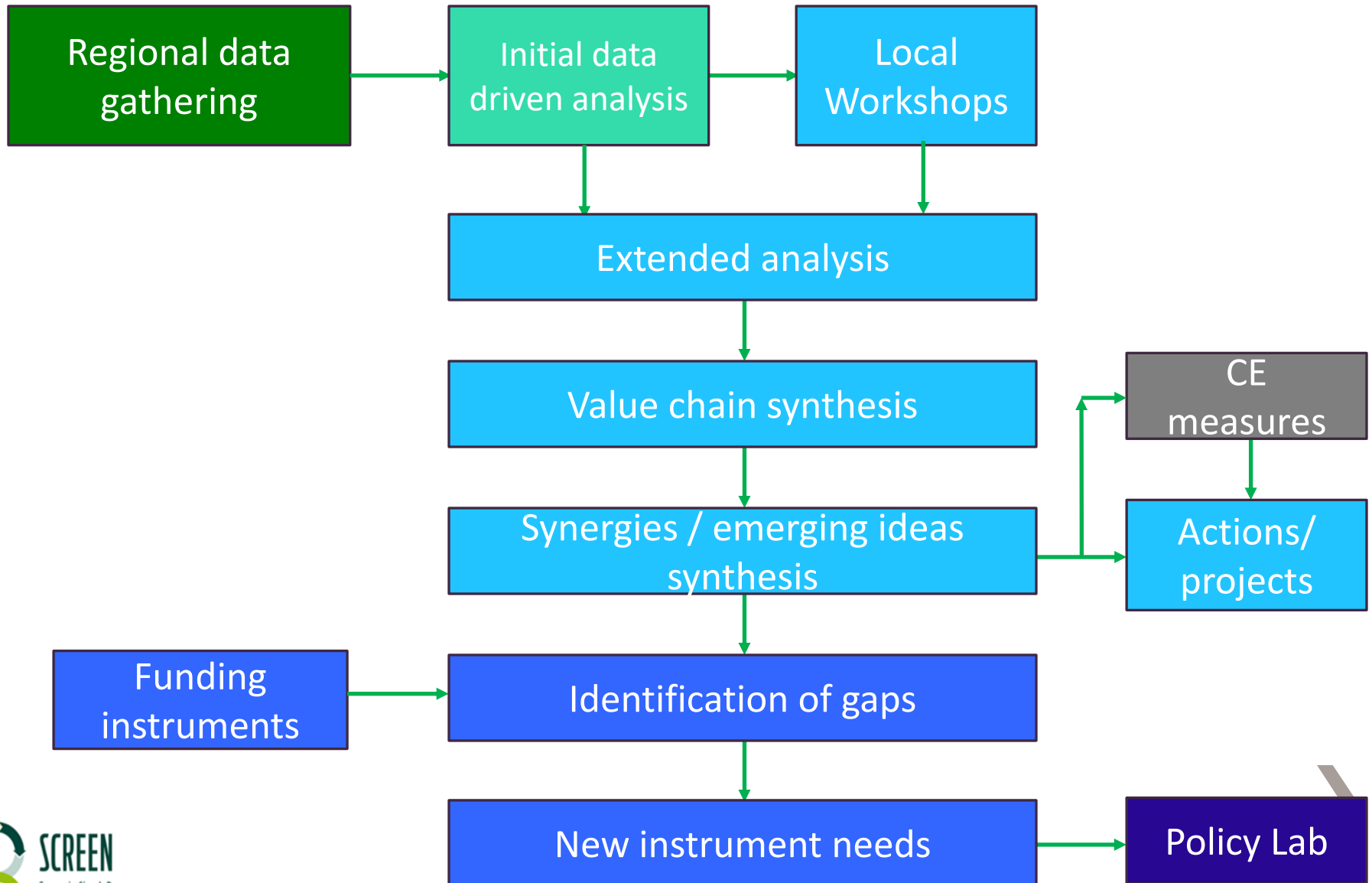


Task 3.4: Regional portfolio

Objective: *definition of the specific measures, including a multi regional portfolio of investment instruments*

1. Existing **investment instruments** supporting Circular Economy initiatives are revised and mapped, both at regional and European levels.
2. The emerging ideas and cross-regional value-chains are **mapped** towards potential existing support instruments.
3. **Gaps** among Circular Economy initiatives and investment instruments are identified and recommendations for new instruments properly boosting Circular Economy initiatives are provided.

SCREEN Methodology: From local to cross-regional value-chains



Existing financial instruments

“Existing financial Instruments” have been revised including the instruments already available in the regions which are mapped to:

1. *Further develop **the emerging ideas**, stemming from the results of the previous steps within Screen.*
2. *Gather **best practices** and hints which can fuel the policy lab, created within the project.*

Regional
R&D
Support
Programs

Regional
Innovation
Support
Programs

Vouchers
for
Industry

Start Up
Programs



Task 3.4: Methodology – data gathering



Existing support instruments belonging to each regional portfolio of SCREEN Partners have been collected through a specific format.

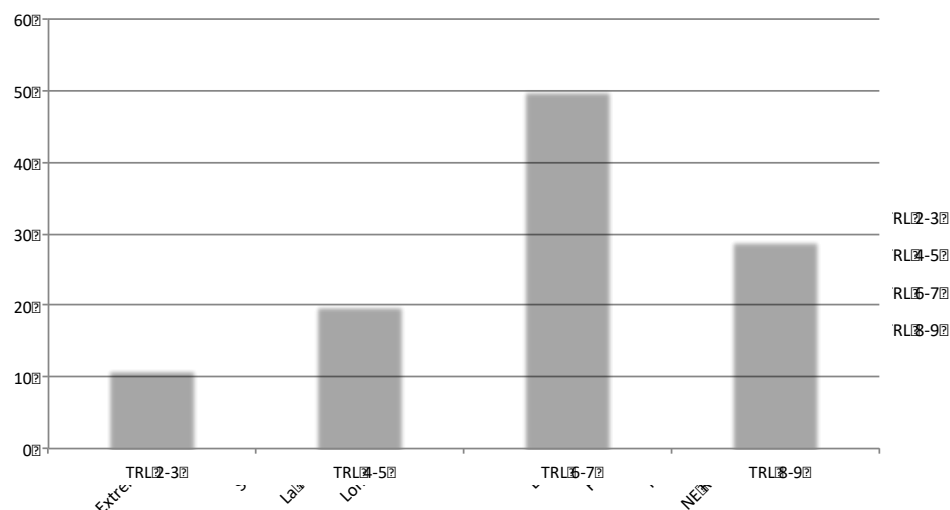
- Dedicated to Circular Economy activities;
- Dedicated to other sectors (e.g. transport, smart cities, energy) with potential to be transferred to Circular Economy.

Support Instrument Description Format	
Field	Possible values
Investment instrument name	Free
Brief description of the instrument	Free
Scope of the instrument	Free
Destination area(s) of funds (if any)	Free
Category of beneficiaries	Large Enterprise, SME, RTO, University, Other
Type of financing	Loan, subsidy requiring co-financing, subsidy without co-financing, other
Rate of financing	Free
Eligible Costs	Personnel, Equipment (depreciation), R&I Infrastructure (investment), Consumables, Overheads, Travel, other
Source of funding (ERDF, ESIF, etc.)	Regional, National, European, International, mix (specify), other.
Supported TRL level	[1,2]; [3,4]; [5,6]; [7,8]

Task 3.4: Methodology – Data gathering



Region	Total n° of instruments	Processed Data	Instruments potentially supporting cross-regional cooperation [art 70]	Instruments also targeting CE	Instruments dedicated to CE	TRL 2-3	TRL 4-5	TRL 6-7	TRL 8-9
CCDR	33	32	25	31	13	0	7	16	9
Extremadura	3	3	3	3	0	0	1	1	0
Fryslan	5	5	2	5	1	1	1	2	1
Scotland	9	8	5	7	2	1	3	5	2
La Reunion	4	4	4	4	0	0	1	2	4
Lombardia	4	4	4	4	-	1	1	3	1
Lazio	4	3	3	1	2	-	-	2	3
PGKC	2	2	-	2	-	2	-	-	-
Limburg	11	10	3	9	1	3	1	6	-
Flanders	8	8	4	8	-	-	-	5	3
Navarra	4	4	4	4	-	-	1	2	1
NE Romania	3	3	3	1	-	-	1	-	2
Lodzkie	10	7	3	7	-	3	3	6	3
Total	100	93	63	86	19	11	20	50	29



Existing funding instruments: Lombardy Region example

Successful example of Vouchers for Industry: *Bando Innodriver – S3 – edizione 2017* - 11MEuro to finance the following technological innovation measures:

- Measure A – vouchers in support of cooperation among SMEs and RTOs;
- **Measure B – vouchers for the Lombardy companies that have obtained the "Seal of Excellence" in the "SME Instruments" phase 1 of Horizon 2020, but they are not financed by the EU due to limited resources;**
- Measure C – vouchers in support of patenting for industrial uptake.

The vouchers of the Lombardy Region come from the ESIF-ERDF Funds and they are already compliant with the Art. 70 of the ESIF Regulation

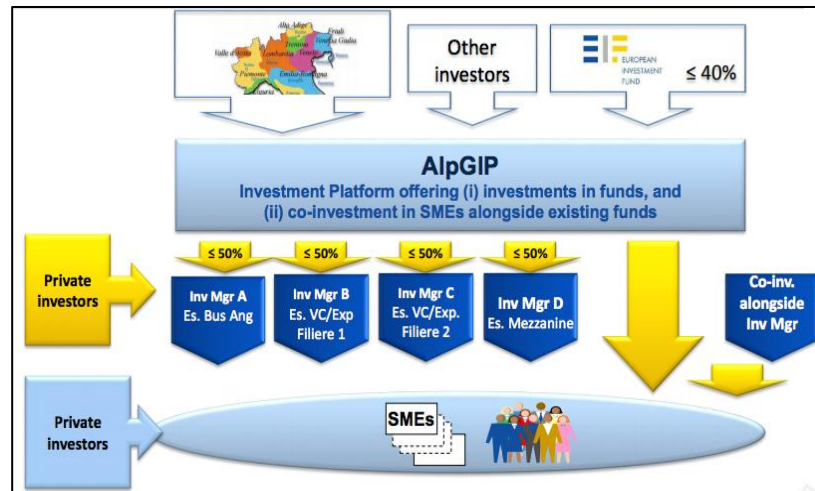


<http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Bandi/DettaglioBando/Agevolazioni/bando-innodriver-2017>

Existing funding instruments: “Fund of Funds”

Example for the Alpine Regions

The AlpGIP, Alpine Growth Investment Platform, is a “Fund of Funds” for the Alpine Regions, introduced in cooperation between Alpine regions (macro-regio) and EIF.



An equity investment platform for the Alpine Regions

- The Alpine Growth Investment Platform will be managed by the European Investment Fund (EIF);
- Initially 70 Million € will be allocated to support companies in the scale-up, coming from public funds and from private investors.

Existing funding instruments: Circular Economy Investment Fund - Scotland

£18 million Circular Economy Investment Fund, administered by Zero Waste Scotland, for SMEs based in Scotland that will deliver circular economy growth. It is supported by the European Regional Development Fund through the £73million Resource Efficiency Circular Economy Accelerator Programme.

1. Funding applications of £50,000 to £99,999.
2. Higher value applications from £100,000 to £1,000,000.

R&I infrastructure (investment costs) are eligible.



TRL 6-7
Subsidy requiring co-financing

The Fund has been established by Zero Waste Scotland (ZWS), funded in part with European Regional Development Fund (ERDF).



<http://www.zerowastescotland.org.uk/circular-economy/investment-fund>

Existing funding instruments: Circular Economy>>>

Business Support Service - Scotland

The Circular Economy Business Support Service, administered by Zero Waste Scotland, offers investment for SMEs based in Scotland and supports work that will deliver circular economy growth. It is supported by the European Regional Development Fund through the £73million Resource Efficiency Circular Economy Accelerator Programme.

Bespoke one-to-one consultancy service can provide support with:

- Innovation/opportunities identification
- Market assessment
- Stakeholder engagement
- Business plan support



"On completion, businesses will have a clear picture of the benefits and costs of their proposed intervention and a well-defined pathway towards implementation. Businesses may then be signposted to our Circular Economy Investment Fund for grant funding to enable implementation."

TRL 1-3

Subsidy without co-financing

The Fund has been established by Zero Waste Scotland (ZWS), funded in part with European Regional Development Fund (ERDF).



<http://www.zerowastescotland.org.uk/circular-economy/business-support-service>

Existing funding instruments: “Fund of Funds” >>>

Example for the Financiere - Region Reunion

Launched by a cooperation between the Regional Council of La Reunion and the European Investment Bank. **Funding mix: ERDF (24 M€), Regional funds (6 M€), EIF (20 M€)**

Following an ex-ante analysis of the financial needs of local SMEs, the 50 M€ capital constituted by ERDF, Regional and EIF resources, is divided into two kind of instruments managed by intermediaries:

- An equity co-investment instrument
- A funding/loan instrument.



TRL 4-5, TRL 6-7, TRL 8-9
Funding rate: Depending on the addressed TRL

Existing funding instruments: Fundo Ambiental: >>> Repensar os Plásticos na Economia: (DURe)



FUNDO AMBIENTAL

Destination Area: Promotion of circular economy in the value chain of plastics.

Fund for Environment - was created to support environmental policies for the pursuit of sustainable development objectives, contributing to the achievement of national and international objectives and commitments, in particular those related to climate change, water resources, waste and nature conservation and biodiversity.

<http://www.fundoambiental.pt/aviso-s-2018/economia-circular/repensar-os-plasticos-na-economia-desenhar-usar-regenerar-dure.aspx>



National Fund

TRL 4-5

Subsidy Requiring co-financing

Rate of financing: 75% (max.
200.000€/per project)

Task 3.4: Methodology proposal – Matching local emerging ideas, and cross-regional value chains with instruments



2. Match the Circular Economy emerging ideas identified in WP2, and the cross-regional value-chains identified in WP3, towards the existing instruments, at regional and European levels.
3. Identify the *gaps* existing among investment instruments and promising Circular Economy Initiatives.

	Investment Instrument type 1	Investment Instrument type 2
CE Initiative 1	X	
CE Initiative 2		X
CE Initiative 3	X	X
CE Initiative 4		

GAP

4. Identify recommendations for the definition of specific regional and *multi regional measures*, to be applied in support of Circular Economy initiatives.

Task 3.4: Methodology proposal – Matching local emerging ideas, and cross-regional value chains with instruments



Sludge recovery and utilization



Task 3.4: Methodology proposal – Matching local emerging ideas, and cross-regional value chains with instruments



Sludge recovery and utilization



Lazio - Circular Economy and Energy fund:
Instrument targeted to SMEs providing subsidies requiring co-financing, with a funding rate between 10%-80%, at TRL 6-7, on the ROP ERDF- 2014-2020 fund, with a funding mix 50% EU, 35% national, 15% regional.



Fryslan- Circulair Economy Call Fryslân:
instrument targeted to SMEs providing subsidies requiring co-financing, with a funding rate of maximum 40%, at TRL 6-7, on regional funds.

Preliminary Considerations



- Although “Existing financial Instruments” at regional level are usually applied in isolation, even if they could be partially used to support cross-regional initiatives, there exist recently developed instruments favouring a cross-regional cooperation (e.g. Fund of funds).
- In general, cross-regional cooperation is not reflected in the evaluation of projects.
- The transfer of technologies and solutions from one region to another, among sectors, is usually not supported by specific instruments.
- The “Seal of Excellence” approach is currently only applied only to the SME Instrument.
- Only few instruments support the development of innovation infrastructures through ERDF to de-risk by demonstration future industrial investments in circular economy.
- The establishment of a ERA-NET like fund for circular economy would support the development of focused projects originated by the identified SCREEN synergies.
- A cross regional open innovation initiative may be useful to promote the systematic identification of inter-regional actions, extending the SCREEN methodology beyond the project life.



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