



Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile

The European Circular Economy Stakeholder Platform (ECESP) and the Italian mirror platform (ICESP)

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ENEA in figure (about 2.500)



ENEA departments

Energy
Technologies

Fusion and
Technology for
Nuclear Safety
and Security

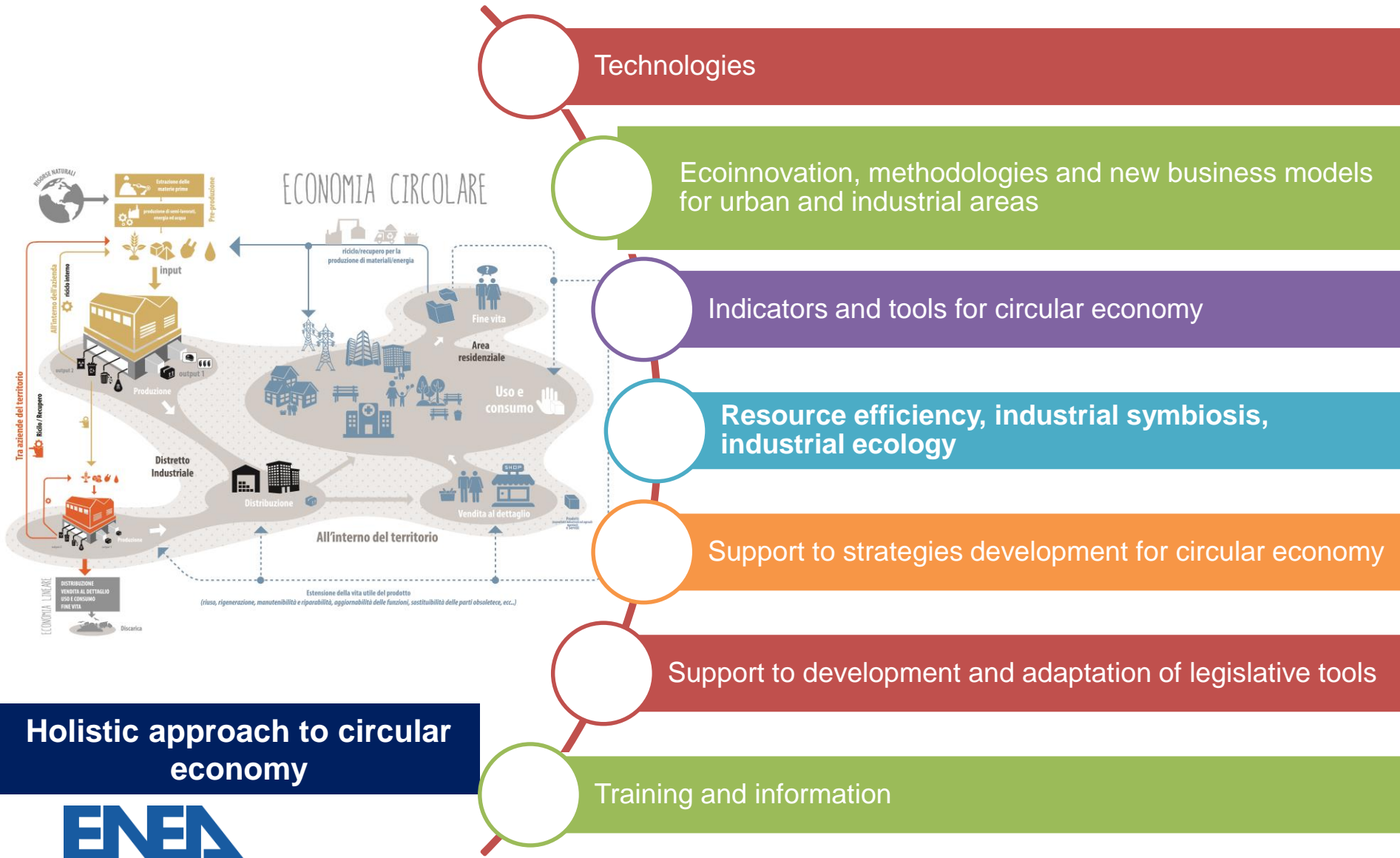
Territorial and
Production
Systems
Sustainability

Energy
Efficiency Unit

Department for sustainability



Circular economy – what ENEA-SSPT is doing



Technologies for circular economy

Recovery - recycling
of 2RM from
complex products
(e.g WEEE,
batteries)

Recovery –
recycling of mixed
plastics (e.g.
pyrolysis, 3D
printing)

New materials

Recovery –
recycling of organic
waste from urban
areas and agro-
industry

Integrated water
management
systems

Ecoinnovation, methodologies and new business models for urban and industrial areas

a) Industrial symbiosis and resource efficiency

- industrial symbiosis projects and platform,
- SUN,
- resources audit

b) Smart community and urban areas

- Centocè
- Roveri Smart village
- Matera

c) Sustainable and circular industrial areas

- Futur-e

d) sustainable tourism

- Isole Egadi
- Stratus

e) Sustainable and circular production and consumption

LCA (banca dati LCA),
Ecodesign, sustainability
reports, footprints, env.
certification schemes

European networks related to circular economy – resource efficiency

ECERA - European Circular Economy Research Alliance

- ECERA is a voluntary collaboration network between European RTO's, with the aim to strengthen and integrate scientific knowledge and expertise in the field of Circular Economy from an interdisciplinary perspective.: ENEA (IT), CEA (FR), IETU (PL), IVL (SE), SINTEF (NO), TECNALIA (ES), TNO (NL), VITO (BE), VTT (FI), Wuppertal Inst. (DE)

EREK - European Resource Efficiency Knowledge Centre

- EREK provides services for both businesses and business support organisations. Businesses can access essential tools and learning resources as well as get in contact with experts at their local level.



European networks related to circular economy – resource efficiency

EIT Climate KIC

EIT Raw Materials

EIP Raw Materials

Sustainable Process
Industry through
Resource and
Energy Efficiency
(SPIRE)

Partnership for
Research and
Innovation in the
Mediterranean Area
(PRIMA)

European Factories
of the Future
Research
Association (EFFRA)

European industrial
symbiosis
association
(EURISA)

European Circular Economy Stakeholder Platform



European Economic and Social Committee

#CEStakeholderEU

What is the European Circular Economy Stakeholder Platform (ECESP)

- A joint initiative of European Commission and European Economic and Social Committee
- It is an European tool for matchmaking between stakeholders
- Network of networks
- Part of the European circular economy action plan

European Circular Economy Stakeholder Platform

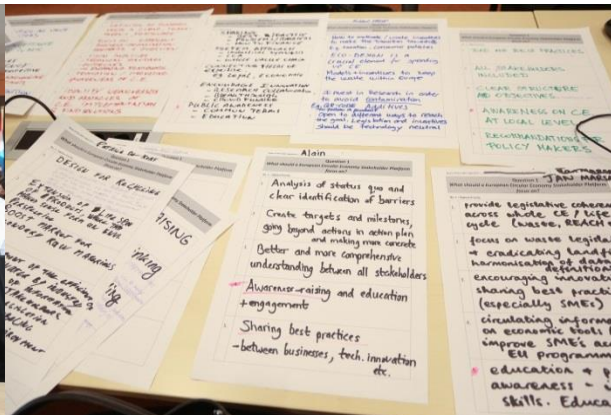


European Economic and Social Committee

#CEStakeholderEU

When?

- **March 2017: stakeholders conference organised by European Commission and European Economic and Social Committee**



European Circular Economy Stakeholder Platform



European Economic and Social Committee

#CEStakeholderEU

How?

- Coordination group (24 members, ENEA is the only Italian member) from networks of companies, civil society, local authorities, research, workers
- a website: circulareconomy.europa.eu/platform:
 - Info on Good Practices Good practices) on circular economy
 - Knowledge, Strategies and Commitments
 - A search tool for events and initiatives on circular economy
- A discussion forum
- Annual conference (March 2017, February 2018, March 2019, 2020?)

Coordination group

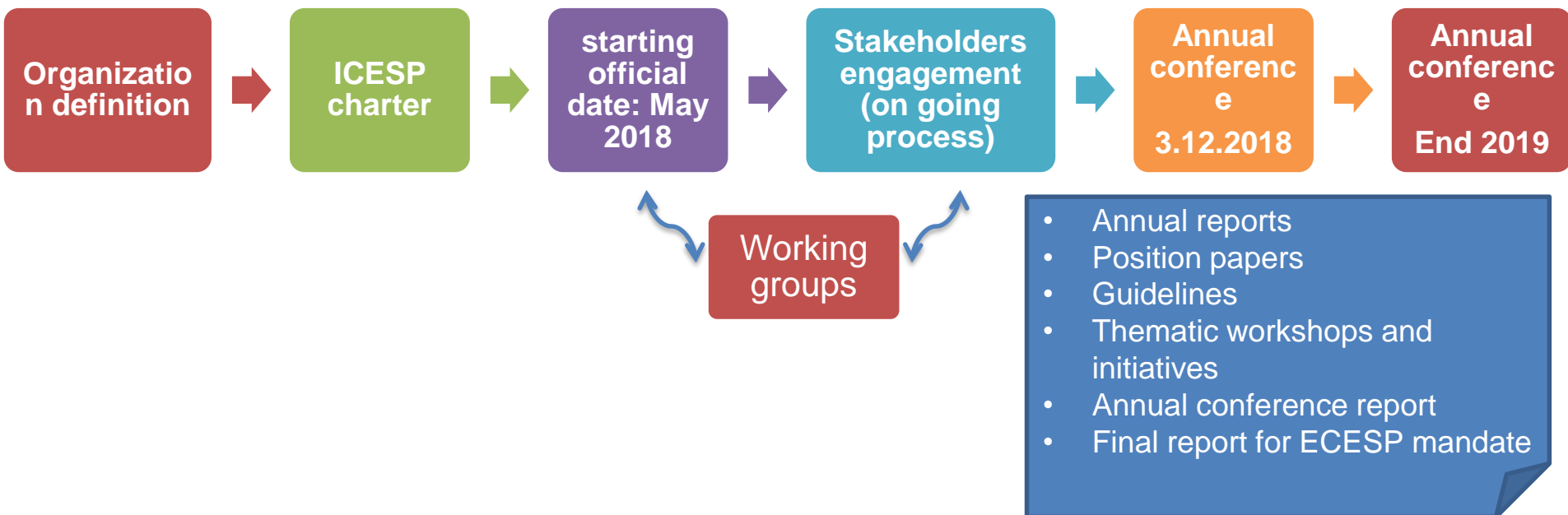


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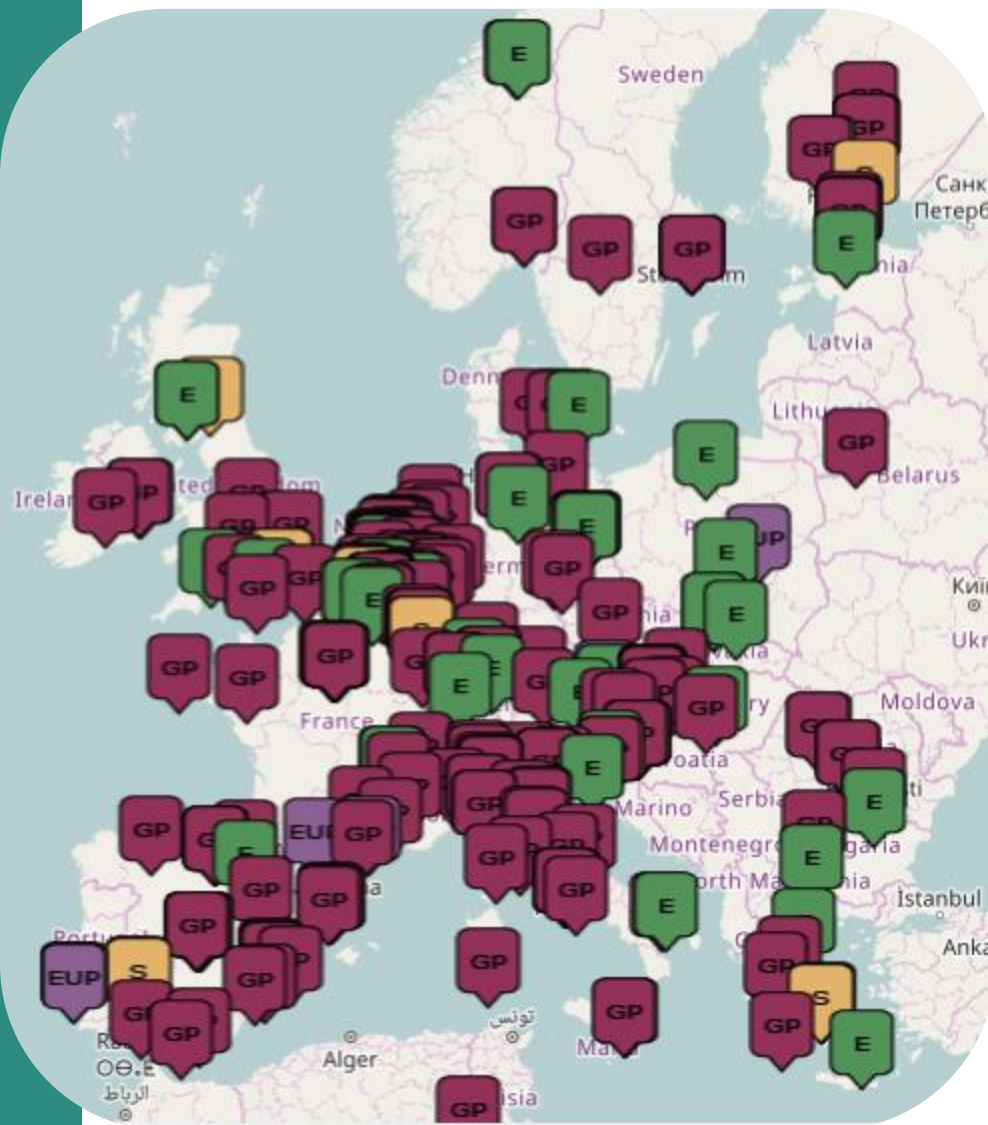


ECESP – ICESP (Italian Circular Economy Stakeholder Platform)

Duration: as long as ECESP, at least, with the aim of lasting even more



Map ECESP



231

- Good practices

37

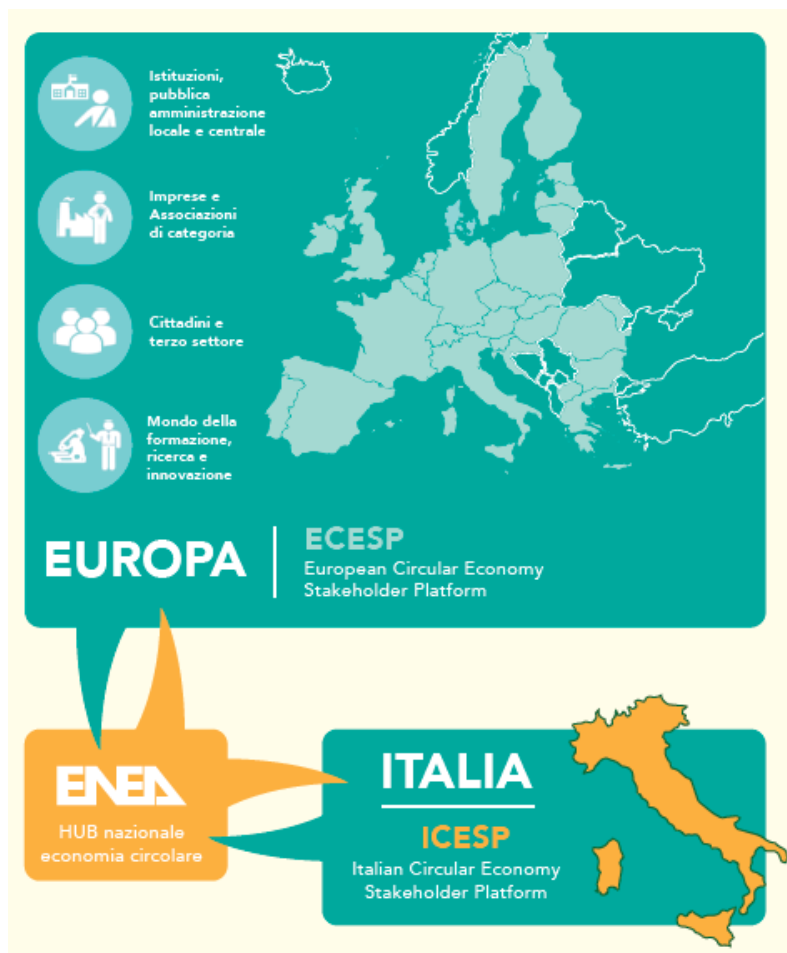
- BP IT

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- BP ICESP



Interaction ECESP - ICESP



How to be collaborate whith ICESP

1. Becoming official member:

Signing the ICESP Charter (on the website).

2. Taking part to working group activities

Signing of the Charter is not needed, just the work is needed

www.icesp.it



ICESP members (52 members, > 100 experts in WGs)

Categorie	ATTORI ICESP
Istituzioni, Pubblica amministrazione locale e centrale	Agenzia per la Coesione Territoriale
	Ministero dell'Ambiente e della Tutela del Territorio e del Mare (DG RIN-SVI-CLE)
	Ministero dello Sviluppo Economico
	Regione Emilia Romagna
	Liguria ricerche
	Regione Lombardia
	Regione Umbria –Sviluppumbria Spa
	Regione Puglia
	Comune di Pesaro
Mondo della formazione, della ricerca e innovazione	Alma Mater Studiorum Università di Bologna – CTS ECOMONDO
	ENEA
	Fondazione Ecosistemi
	Fondazione Eni Enrico Mattei
	Fondazione Sviluppo Sostenibile – Circular Economy Network
	Istituto Nazionale di Urbanistica - INU
	Istituto Superiore per la Protezione e la Ricerca Ambientale – ISPRA
	Università degli Studi di Bari
	Università IUAV di Venezia
	Università Niccolò Cusano
	Università Roma 3
Società civile	Associazione Italiana per lo Sviluppo dell'Economia Circolare-AISEC
	Movimento Legge Rifiuti Zero

Categorie	ATTORI ICESP
Imprese e associazioni di categoria	AMA
	Arcelor Mittal (ex-ILVA)
	Associazione Italiana Polistirene Espanso - AIPE
	Associazione Nazionale delle piccole e medie imprese edili manifatture - ANIEM Lazio
	Federbeton
	Cluster SPRING
	CNA
	Confederazione italiana piccola e media industria privata - CONFAPI Roma
	Confindustria
	COREPLA
	ECODOM
	Ecoinnovazione
	ENEL
	ENI
	GreenTech Italy
	HERA
	Intesa Sanpaolo Innovation Center
	LMPE srl
	Mercato Circolare
	Nespresso
	Novamont
	Novus
	PVC Forum
	Radici Group
	Remedia
	RINA
	Seri Industry
	Unicircular
	Unioncamere
	Wastly





Italian Circular Economy Stakeholder Platform

- **Coordination**
 - Chair: Roberto Morabito
 - ✓ Link with ECESP: Laura Cutaia
 - ✓ technical coordination: Grazia Barberio
- **Members – Coordinators of WGs**

www.icesp.it

Working groups	Co-coordinators
1 Research and ecoinnovation, training, skills	Università degli Studi di Bologna, CNA, Regione Puglia-ARTI
2 Policy and Governance	MATTM –DG RIN, MiSE, Unicircular
3 Measuring the circular economy	ENEA, MATTM–DG SVI
4 Sustainable and circular design, production, distribution and consumption systems	ENEA, ENEL, Intesa Sanpaolo Innovation Center
5 Cities and territory	Agenzia per la coesione territoriale -ACT, ENEA
6 Good practices	ENEA, Regione Puglia-ARTI, Unioncamere

Technical standards for circular economy

- ISO TC 323 – Circular Economy
 - BS 8001:2017.
Framework for implementing the principles of the circular economy in organizations. Guide
 - AFNOR - XP X30-901 October 2018.
Circular economy - Circular economy project management system - Requirements and guidelines -
- UNI CT 057 – Economia Circolare

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www.circulareconomy.europa.eu/platform/



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