

PILAR CHIVA

Àrea d'Economia Circular Agència de Residus de Catalunya | Spagna



Circular Economy in Catalonia

"Circular Venice: policy, practice and innovation compared"

Pilar Chiva, Waste Agency of
Catalonia

Venice, 29th January 2024

Waste Agency of Catalonia



Public Company depending of the Catalan Government

1 More than 200 employees

2 Competence on waste that is generated in Catalonia and that which is managed in its territorial scope

3 Main objectives:

- Promote waste prevention
- Promotion of selective collection
- Waste valorization
- Waste disposal
- Recovery of degraded spaces and soils.

Member of:



Waste Agency Functions

Legislation

Planning

Inspection

Investment

Subsidies

Awareness
Raising

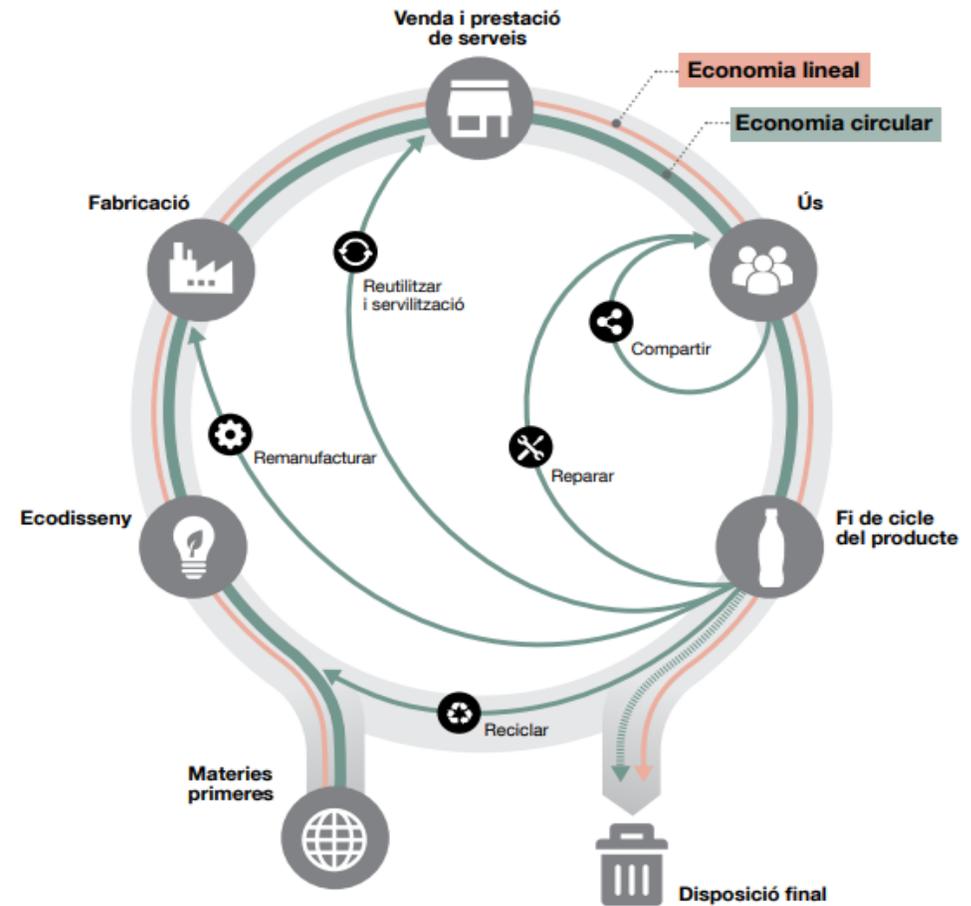
Observatory

Soil Protection



What we propose: change the vision of waste

- **Waste is a resource – an opportunity**
- **Moving towards circular economy**
- **Strengthen European hierarchy of waste management**



(Some) Tools for change

- **Circular Catalonia**
- **Economic instruments**
- **Voluntary agreements**
- **Communication instruments**
- **Planning**

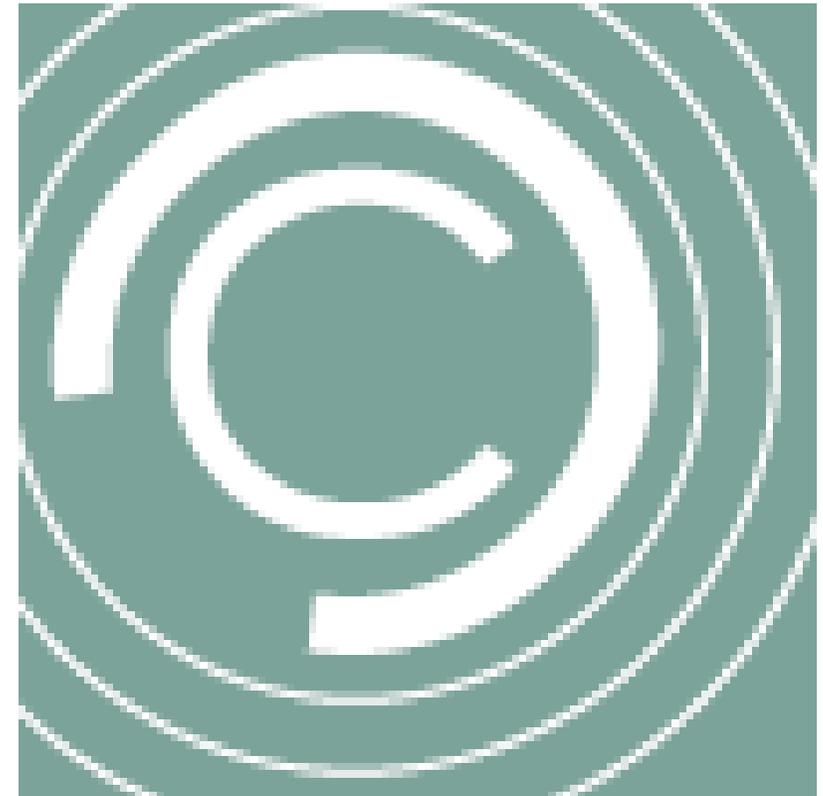


Circular Catalonia

The observatory for circular economy in
Catalonia



<http://catalunyacircular.gencat.cat>



#catalunyacircular

Circular Catalonia

News



Es comparteix coneixement sobre economia circular i indústria i la compra pública circular

El Grup de treball d'economia circular al món local de la Xarxa de Ciutats i Pobles cap a la Sostenibilitat ha elaborat una càpsula de síntesi dels aprenentatges compartits en el cicle de tallers realitzats durant 2022 dedicat especialment al coneixement i casos pràctics sobre economia circular i indústria, i a la compra pública circular.

23/12/2022



Es crea un nou hub per als responsables polítics que treballen en la transició verda i circular al Mediterrani

El recentment creat Switchers Policy Hub ha realitzat una crida convidant tots els responsables polítics i persones interessades a formar part d'aquesta comunitat virtual que té l'objectiu d'ajudar els països mediterranis a comptar amb marcs legals i polítics que permetin la transició a una economia circular inclusiva.

19/12/2022

Agenda

ECOINNOVACIÓ: Innovar creant productes sostenibles

Data: 17.03.2022

Lloc: Webinar en línia **eurecat**

Organitza: Eurecat Centre Tecnològic de Catalunya

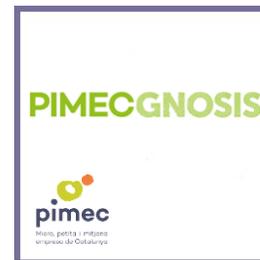


2a edició de la fira d'Economia Verda i Circular

Data: del 19 al 21 de maig

Lloc: Parc firal de Granollers

Tools



Studies



Col·legi d'Economistes de Catalunya
Al servei dels professionals de l'economia i de l'empresa

Training



TecnoCampus

eurecat
academy



Lideratges innovadors. Noves estratègies transformadores en economia circular

CEHotspot Catalonia 2021

553
attendees

24
countries



19
itineraries

9
afterworks

49
Visited business

65
pitches



Circular Catalonia Congress



https://mediambient.gencat.cat/ca/05_a mbits dactuacio/empresa i produccio s ostenible/economia verda/catalunya cir cular/congres-catalunya-circular/index.html



Taxation- an instrument allowing progress



The Catalan landfill and incineration tax is finalist, its collection is returned to private and public sectors to encourage prevention and recycling policies

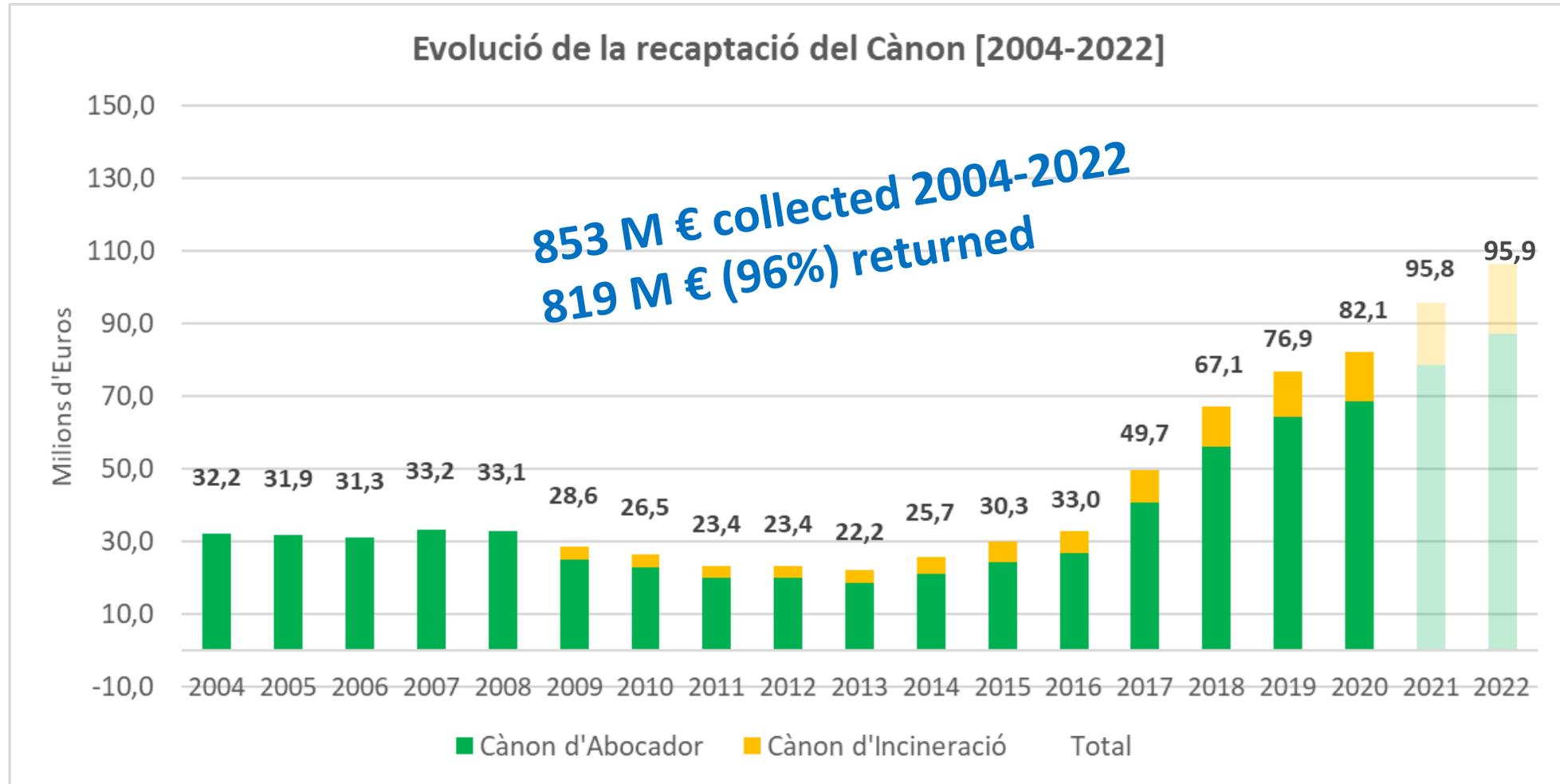


VS.



Implemented in Catalonia in 2004, from 2023 transformed into a Spanish tax

Economic return to municipalities (municipal landfill and incineration tax)



Subsidies to promote circular economy

With the collection of taxes on landfill and incineration, we grant subsidies to businesses to encourage circular economy



Line	Object
NUCLEOS I+D	Innovative R&D projects for new high-risk technological products or services that respond to market needs. Developed in Catalonia. PROACCIO GREEN
Promotion of Circular Economy	Promotion of projects to accelerate the transition towards a more circular economy in Catalonia, improving efficiency in the use of material resources. Aid for the piloting or for the execution of demonstration projects.
Prevention, preparation for la reuse and recycling of industrial waste	Promotion of research, experimental development and the execution of projects for the prevention, preparation for reuse and recycling of industrial waste.
Private waste managers	Improvement in prevention processes, preparation for reuse, recycling or incorporation of recycled materials, and experimental research and development projects applied in third-party waste treatment plants

More than **€57 M** to companies
in the 2016-2022 period

For **848 circular economy
projects**

Mobilizing a total investment of
€112 M

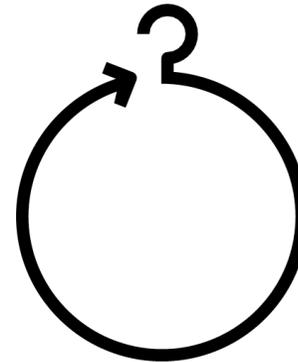


Voluntary agreements

- Bag agreement (2009)

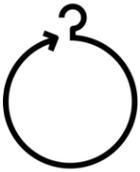


- Circular Fashion Agreement (2022)



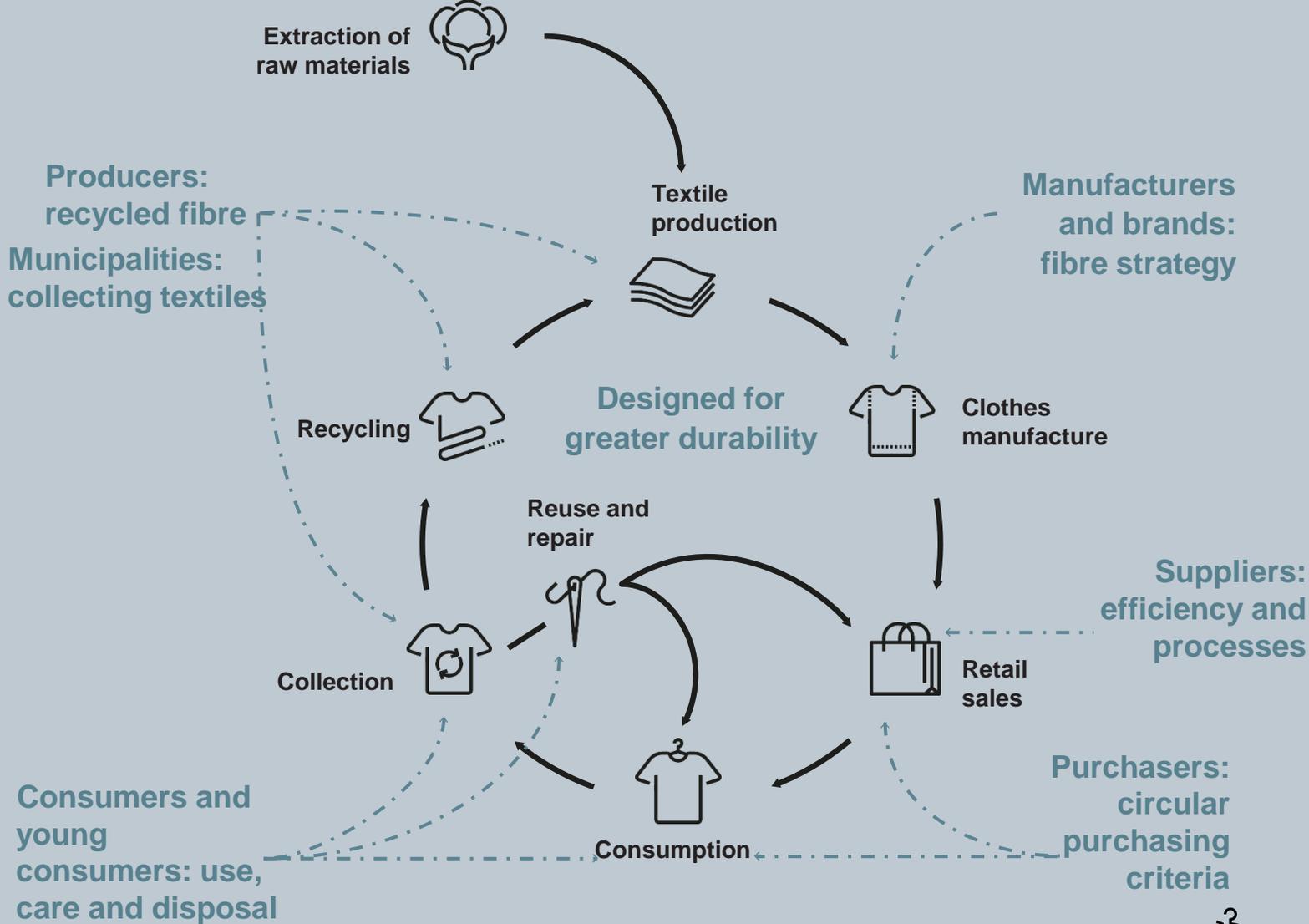
**CIRCULAR
FASHION
AGREEMENT**

WORKING FOR A MORE
SUSTAINABLE FUTURE



CIRCULAR FASHION AGREEMENT
WORKING FOR A MORE SUSTAINABLE FUTURE

More than 100 members:

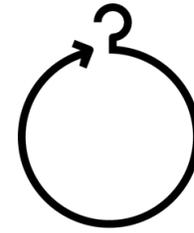


AEI Textils?	Ajuntament de Barberà del Vallès?	Ajuntament de Barcelona?
Ajuntament de Cardener de Llobregat?	Ajuntament de Sant Feliu de Llobregat?	Àrea Metropolitana de Barcelona?
AMEC - AMTEX?	ANTEX - ANGES TEXTIL S.A.?	Artotec?
Associació Catalana de Municipis?	Assonem Santa Clara SCLL?	Cecot?
Centre Csic Joan Oliver "Pere Quart" - Associació Club Lleureport?	Centre de Documentació Museu Textil de Terrassa?	Circolot?
COL&BRI	Consorci per a la Gestió de Residus del Vallès Occidental?	Consorci per al Tractament de Residus Sòlids Urbans del Metropolitan?
Cooperativa Riba Arriagó?	Diputació de Barcelona?	ECONOMIA SÒLIDÀRIA E.L.L.U.I.?
ESDI Escola Superior de Disseny?	Eurecat?	FAD - Federació de les Arts i del Disseny?
Federació de Municipis de Catalunya?	Formació i Treball - Fundació privada?	Franchis Pages Valencià?
Fundació Horitzo del Berguedà?	Fundació Rubià?	Fundació Tecnoparque Mataró-Monerquí?
Fuster?	Generalitat de Catalunya?	Grup de Recuperació de Catalunya?
GRINO Grifa Ecologia?	Hilados Olotenses S.A.?	Hilaturas Arnaú?
HUMANA - Fundación Pueblo para Pueblo?	Institut Industrial Terrassa - Grup Textil - CEICO?	Intexateis?
Mangó?	Margina Projectes e Ingeniería Textil SL?	Miriam Ponsa?
Moda 16?	Moda Sostenible BCN?	MODACC?
Mon Unique Bagel?	PROVISA?	PIMEC?
Plataforma educativa?	Pre-zero?	PREZER0?
Pronovias Group?	Rezero?	Rothe Label?
Solidaria Treball El SLP?	Sylvia Calvo?	Techniger SL?
Tejidos Ribes SL?	Tekstila?	Textfor?
Tribal i serveis Textils?	Triburats La Canya, SA	UPC-INTEXTEB?
Wordrob?	2M Serveis - Big Blue?	



Generalitat de Catalunya
Government of Catalonia

Overall objectives of the Agreement for 2024*



CIRCULAR FASHION AGREEMENT
WORKING FOR A MORE SUSTAINABLE FUTURE



Reduce the generation of textile waste (kg/person/year)



Increase the % of textile waste collected separately



Increase the % of textile waste collected separately that is recycled



OBJECTIVES

Reduce generation by 5-10%

(currently 21.5 kg/person/year and 163,478 t/year)

25-30% of textile waste collected separately

(currently 11.7%)

55-60% of textile waste prepared for reuse

(currently 50%)

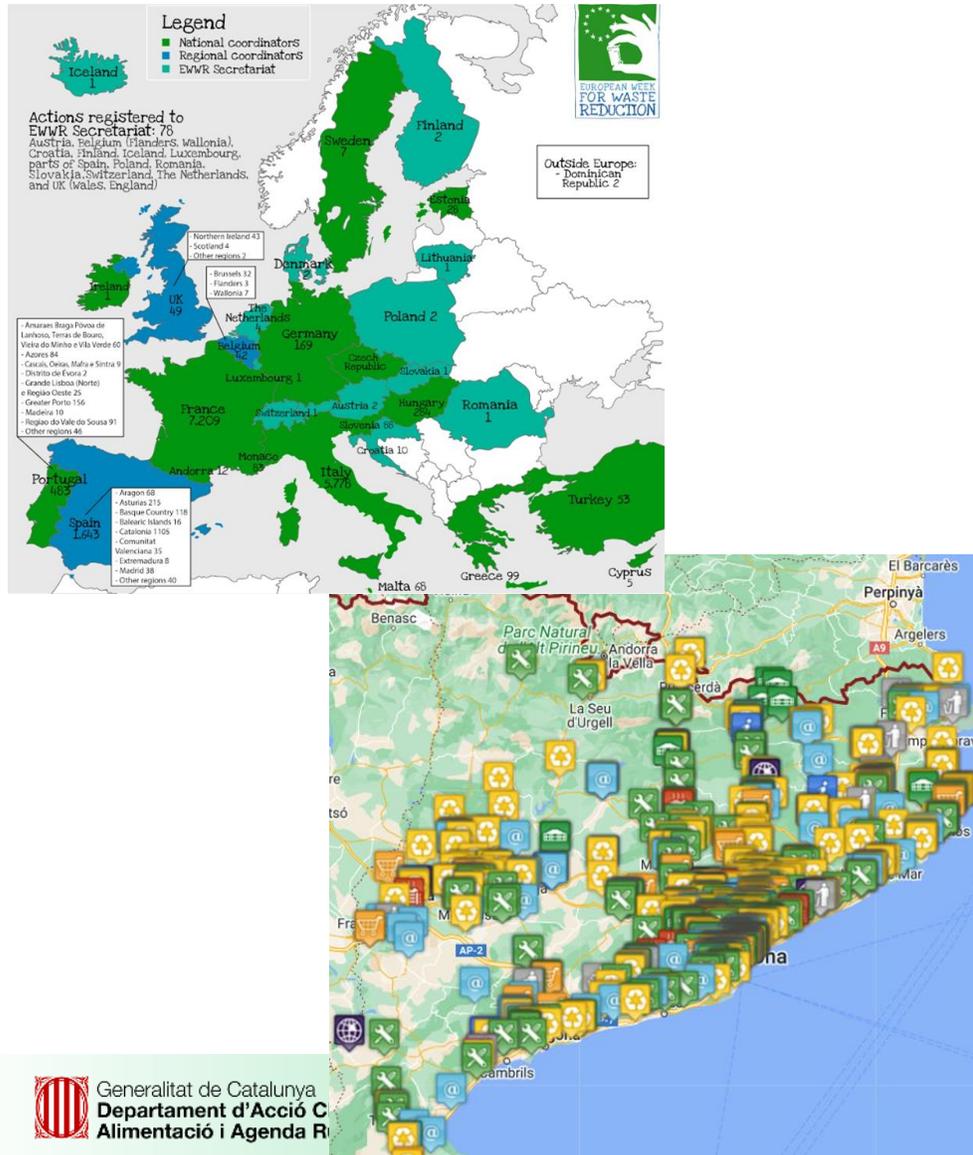
40-50% of textile waste recycled

(currently 40%)

*All data based on figures for 2019.



European Week for Waste Reduction (EWWR)



- The **same week** across Europe: businesses, schools, associations and public bodies organise activities to show how to **reduce the generation of waste**. Coordinated by ACR+
- **16th edition: 16 to 24 November 2024**
- Common communication material in several languages, with a portal of virtual resources.
- **EWWR Awards** for the most innovative initiatives. In 14 editions: **18 award winners** and 17 finalists from Catalonia.
- Events held during the EWWR include **flea markets, repair workshops, workshops for using leftover/surplus food...**

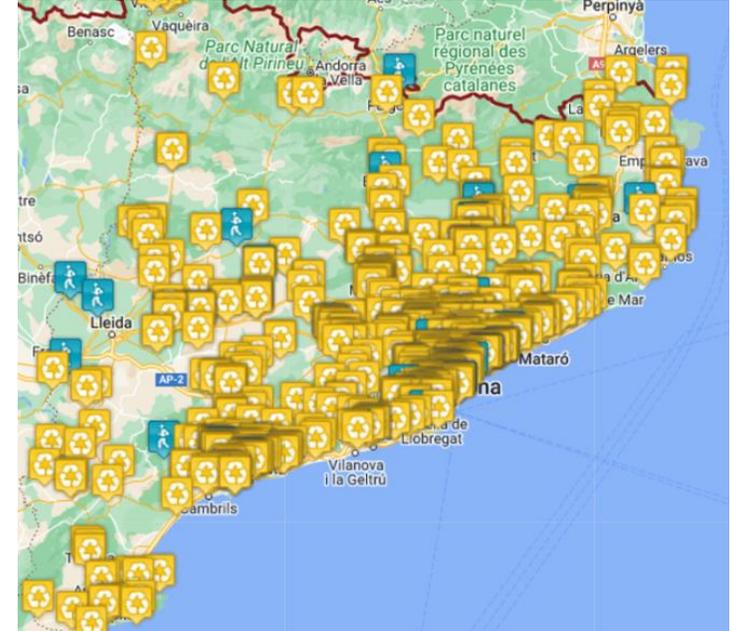
Europe 2023: 35 regions, 29 countries, 14,522 actions
Catalonia: 1,078 actions, 246 entities, 39 counties

residus.gencat.cat/setmanaprevenicio www.ewwr.eu



Let's Clean Up Europe!

- **Ten editions** of the campaign to promote actions for the collection of waste dumped in natural areas.
- Raising awareness among citizens, promoting waste **prevention measures**, fostering community service in schools, classifying and geopositioning waste.
- Providing **material** for the clean-up (gloves, bags, information posters), logistical material and communication material.
- 11th edition of Let's Clean Up Europe! **May 2024**



Catalonia 2023: 675 actions, 563 entities from 275 municipalities, with 56,835 participants.

residus.gencat.cat/letscleanupeurope



Catalonia Ecodesign Award



premiecodisseny.gencat.cat

The award recognises high-quality, innovative products/services that incorporate environmental criteria in their design, contributing to the circular economy.

- **Categories:**
 - A: Product/service in the market
 - B: Products under development
 - D: Young design (product in the market or under development)
- **Participants:** designers, manufacturers or strategy promoters from Catalonia (including students).
- **Initiative included in the Ecodesign Strategy of Catalonia**
- **20 years of Awards and 11 editions:** the Catalonia Ecodesign Award was launched in 2015, replacing the Design For Recycling Award, first held in 2001.

The New Road Map for the Circular Economy in Catalonia

Full de Ruta de l'Economia Circular a Catalunya (FRECC) 2030


Generalitat de Catalunya

On 3/01/24 the Catalan government approved the Road Map for the Circular Economy in Catalonia (FRECC) 2030 and the 2024-2026 Action Plan.

The future waste and resources law is aligned with progress towards the circular economy, and envisages turning the ARC into the Catalan Circular Economy Agency and adapting its role to the new scenario.

The New Road Map for the Circular Economy in Catalonia

Strategic and operational goals for 2030



To help decouple economic development from the consumption of resources and generation of emissions



To assure an effective transition towards a circular, digitalised industrial and business fabric



To speed up the social, cultural and employment transformation towards circularity



To facilitate the creation of a framework favouring the transition towards a circular economy

The New Road Map for the Circular Economy in

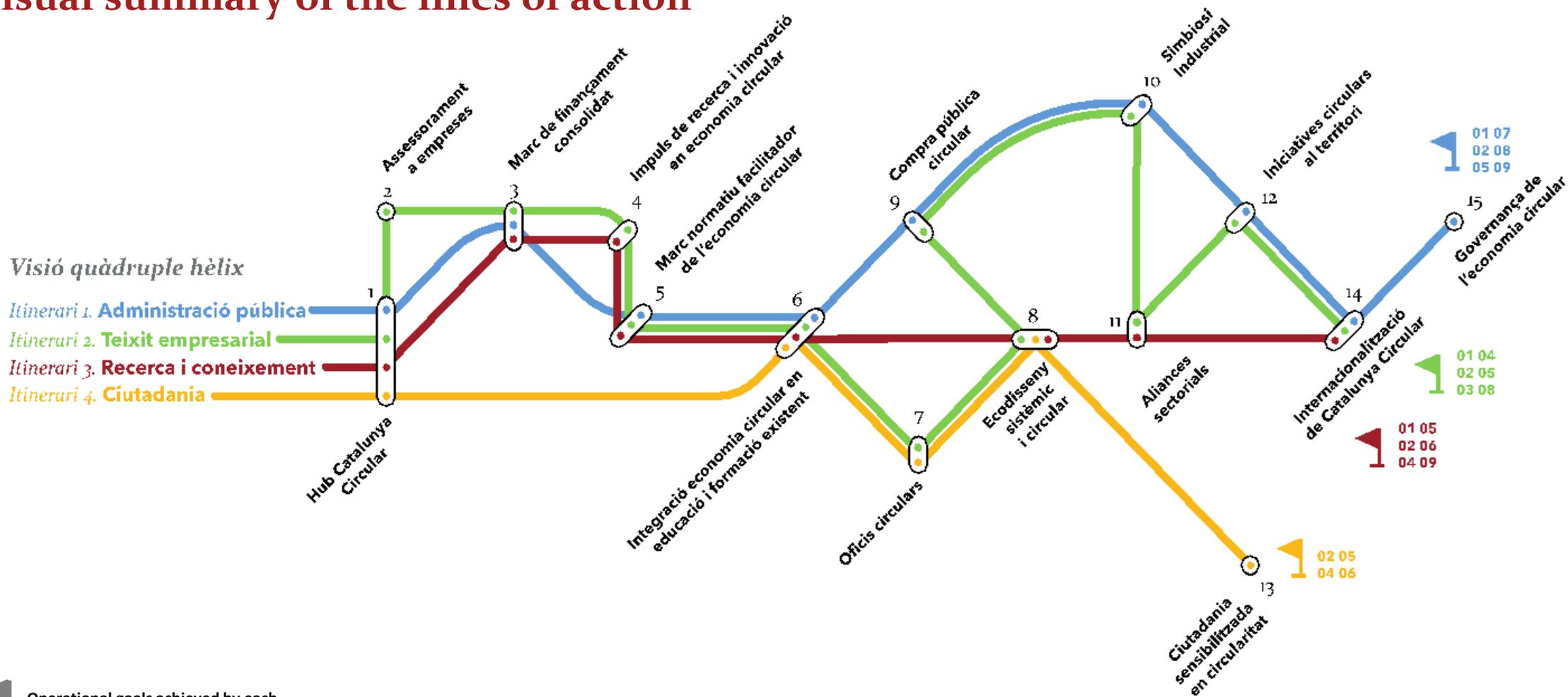
The **2024-2026 Action Plan** is implemented through **15 lines of action and 80 measures** to help achieve the strategic and operational goals defined in the FRECC.

Thread	No.	Line of action
Transversal facilitating tools	1	Setting up and driving the Catalunya Circular Hub
	2	Advice to companies on the circular economy
	3	Consolidating an optimum funding framework for circular projects
	4	Driving research and innovation for the circular economy
	5	Promoting a framework to favour the circular economy
	6	Including the circular economy in education and training
	7	Driving circular employment in Catalonia
Specific tools	8	Driving ecodesign
	9	Building up public procurement as a tool to drive the circular economy
	10	Driving industrial symbiosis
Collaborative processes	11	Fostering sector-specific alliances for circularity
	12	Fostering circular initiatives in the region
Awareness-raising and internationalisation	13	Raising public awareness of aspects of circularity
	14	Internationalisation of Catalunya Circular
Governance	15	Governance of the Road Map for the Circular Economy in Catalonia

The ARC (Catalan Waste Agency) takes part in 55 measures, 10 of these as "Responsible Agent" and 45 as "Involved Agent" together with other bodies. Other Catalan government bodies take the other measures

The New Road Map for the Circular Economy in Catalonia

Visual summary of the lines of action



Operational goals achieved by each route

Thank you for your attention!

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