Good Practices for Reusable Packaging Systems

Click to start

Circular City Labs

The reuse sector has emerged as a critical player in the global effort to reduce waste, minimize environmental impact, and foster responsible consumption. As societies grapple with the consequences of unsustainable production and consumption patterns, good practices and role models in the reuse sector are needed. These practices encompass a broad range of strategies, all aimed at extending the lifespan of goods and materials.

This publication was developed as a part of the project 'Circular City Labs - Testing Reusable Packaging Systems in Cities' , which aims to reduce greenhouse gas (GHG) emissions by promoting economically viable reusable systems and strengthening the participation of women and female entre-preneurs in local circular economies. Collaborating with local stakeholders, the project will establish Circular City Labs in four different cities. Within these labs, businesses, city administrations, academia, and civil society come together to engage towards a functional and inclusive circular economy and explore the potential of reusable packaging and related business models. The project is carried out by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in collaboration with ICLEI and on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ).

The purpose of this interactive brochure is to present reusable packaging systems and solutions across various sectors and provide inspiration. However, it should be emphasized that the landscape of reuse systems and businesses is vast and this publication does not aim to cover it in its entirety. It rather provides a small selection of businesses and projects that are progressing in their respective fields.

Furthermore, it includes a brief introduction to the concept of the **circular economy,** definitions of **reusable packaging systems,** and a **gender perspective** within the circular economy, highlighting the importance of gender equality and women's participation in this context. Moreover, it outlines the role of the **local governments** and how it can contribute to the implementation of conducive measures on reusable packaging systems and engage in beneficial processes.

Watch our video to find out more about reusable packaging systems and the Circular City Labs project.

The role of local governments

Globally, local governments are facing increasing waste management and resource challenges as a result of the linear economic system. While only representing 3% of global surface area, around half of the waste globally is generated in urban areas, where more than two thirds of global resources are consumed and about 60-80% of global GHG emissions are emitted (UNEP 2017; UN Habitat 2022). The projected population growth will only exacerbate these pressures if they are not systemically addressed.

The circular economy offers a holistic systems change approach to the management of resources and waste in cities, and reuse systems specifically reduce the amount of waste generated. Local governments are well positioned to provide an enabling environment to foster the emergence of reuse systems and stand to benefit from reduced strain on waste management processes. They can contribute to this through a range of measures, including prioritisation of reuse systems and campaigns to raise awareness on reuse, convening of relevant stakeholders for the development of reuse systems, as well as supporting the development of collection and centralised cleaning infrastructure for reusable solutions, among other aspects.

Further, implementing reuse systems locally can enable the density needed to support consumer uptake of the reuse measure, as sufficient touch points are required to ensure the success of such a reuse system. Successful reuse interventions can then be scaled to other jurisdictions.

Circular Economy

The circular economy is a sustainable economic system that aims to reduce waste and resource consumption by using resources more efficiently. Instead of the linear economic system, resources are kept in closed loops for as long as possible. This involves practices such as sharing, leasing, reusing, repairing, refurbishing, recovering and as a last resort recycling or composting products (European Parliament 2021). By extending the lifespan of products and reducing resource consumption the circular economy mitigates greenhouse gas emissions and environmental pollution through waste prevention (Ellen MacArthur Foundation 2021). Reusable packaging systems can contribute substantially to these challenges as they address the root causes of the packaging waste problem (Ellen MacArthur Foundation 2019).
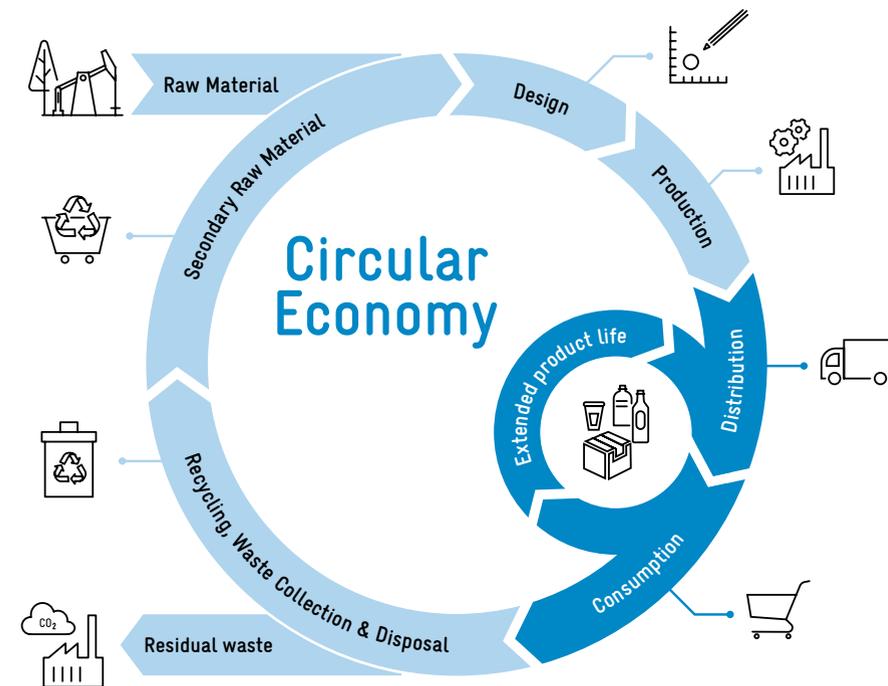
Reusable packaging systems

In the field of reusable packaging, it is important to distinguish between two different systems:

Refillable packaging involves the refilling of consumer owned containers designed to be used multiple times. The container is not considered as packaging but rather as a product owned by the consumer, who is responsibility for it. Refill practices include "refill on the go" (e.g., at an in-store dispensing system) and "refill at home" (e.g., with refills delivered through a subscription service) (Ellen MacArthur Foundation 2019).

In contrast, **reusable packaging** refers to a packaging system designed to be used multiple times for the same intended purpose. Therefore, reusable packaging needs to be supported by a functional reuse infrastructure that enables it to serve the same purpose repeatedly. Reusable packaging systems remain a property owned and managed by a reuse system operator, a pool system or the producers themselves, who manage its collection, cleaning, and following refilling (RSVP 2023). To ensure that reuse containers are returned or collected, a deposit-refund system or an incentive system is usually included.

Accordingly, the following collection of good practices in the reuse sector does not only include reusable packaging providers but also operators of corresponding infrastructure like cleaning, transportation and tracking systems. As this brochure also aims to connect actors in the reusable sector with each other, further reuse networks are featured as well.

Promoting Gender Equality in the Circular Economy

The shift to a circular economy offers a potential to tackle structural challenges and inequalities. Therefore, understanding this shift as an opportunity for women's participation in local circular economies is essential to encourage gender equality in this momentum.

Women not only play a crucial role in environmentally sustainable consumption, influencing a substantial portion of household purchases but should also be recognised as knowledge bearers and decision-makers involving them in addressing global challenges. By raising awareness about sustainable consumption and production and by encouraging women to take on leadership and managerial positions, a foundation for a more inclusive and gender equal circular economy is created (OECD 2021).

Companies that embrace gender diversity are more likely to engage in sustainable business parties and to adopt sustainable practices by prioritizing social and environmental impacts in their business strategies (UNIDO 2022). However, women face several barriers such as low pay, low security and limited social mobility when entering and advancing in economic and entrepreneurial activities (FPA 2020; Cardella et al 2020). This highlights the importance of policies engaging in gender equality in the context of the circular economy.

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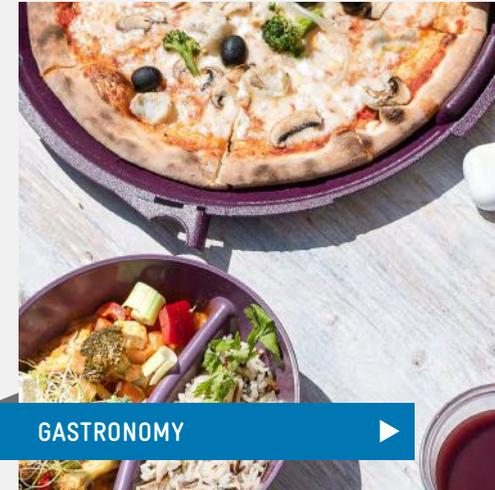CIRCULAR ECONOMY

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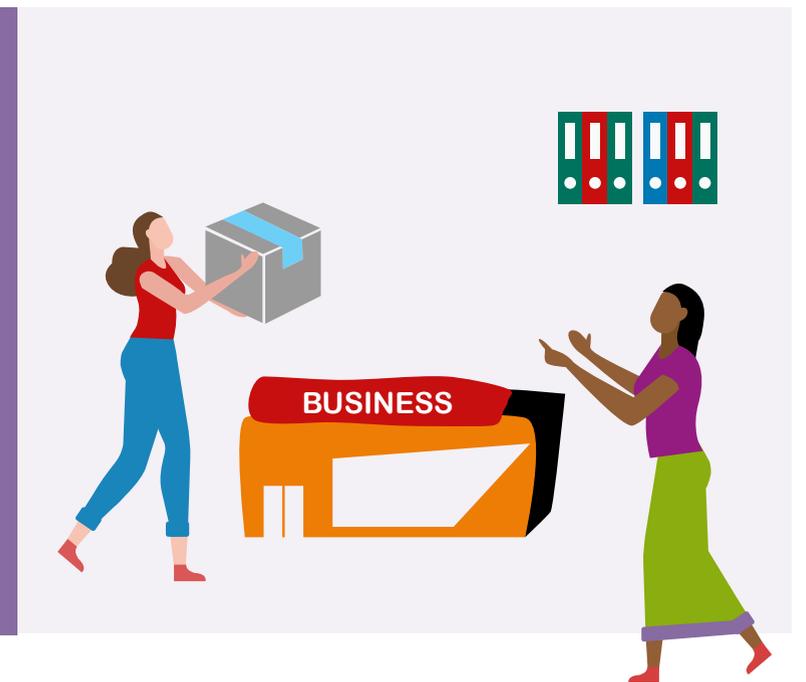
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Overview sectors and initiatives

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E-COMMERCE ▶

GASTRONOMY ▶

GROCERIES ▶
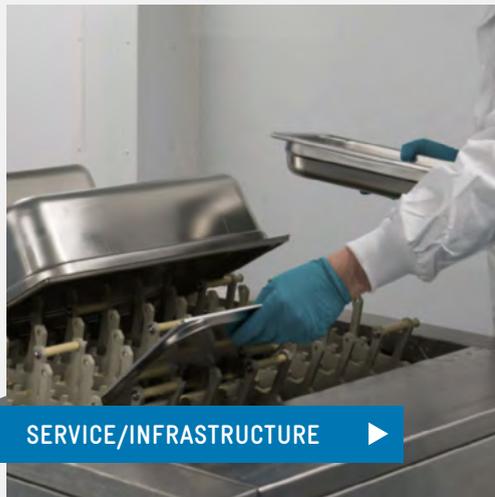
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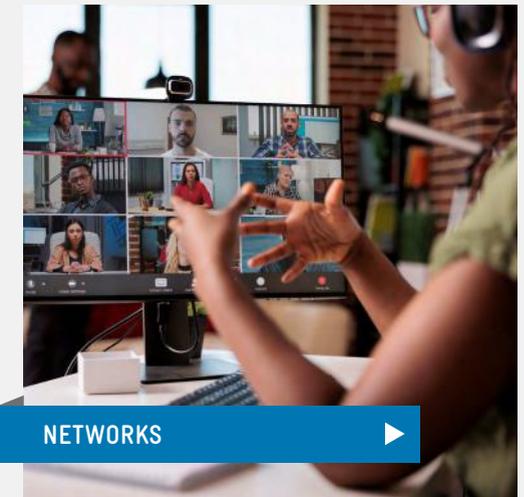
NETWORKS ▶

CRAFT
ebb & flow
IN A KEG

Profile:

Name:	Ebb & Flow Keg
Founding year:	2021
Founder:	Philipp Neveling, Deandra Anderson
Location:	Frankfurt Germany
Number of employees:	4 (50% females)
Number of customers:	80
Scope:	National/International/global (events)
Sector:	HoReCa, Event

Reuse system:

• Reusable wine containers (kegs) made of stainless steel for gastronomy and events, like festivals or wine-tastings
• Intermediary between wineries and gastronomy
• Delivering kegs to the wineries and customers, picking-up and organising the cleaning

Gender equality measures:

• Female founder

For further information click here or scan the QR-code.
https://www.ebbflowkeg.com/

fritz-kola®

Profile:

Name:	fritz-kulturgüter gmbh
Founding year:	2002
Founder:	Mirco Wolf Wiegert, Lorenz Hampl
Location:	Hamburg, Germany
Number of employees:	318 (41% females)
Scope:	International/global
	Number three in the category cola in the off trade.
	Market leader in the craft cola segment.
Sector:	Beverages

Reuse system:

- Using exclusively reusable glass in Central Europe. They can be refilled up to 50 times and then be 100% recycled – without any loss of quality
- Implemented a new refillable glass bottle filling line in Eilenburg/Saxony in 2023 to further promote the use of glass bottles in the region and beyond
- Started initiative "Drink from Glass" to drive a system change in the beverage industry and cooperate with retailers, restaurateurs and partners to promote the use of reusable glass bottles. Additionally, the initiative "Every Bottle helps" supports the return of reusable bottles to the deposit system

Gender equality measures:

- Clear guidelines and goals regarding diversity and inclusion to strengthen the participation of all genders and identities
- Advocating the message of diversity and openness in communication, partnerships and at events
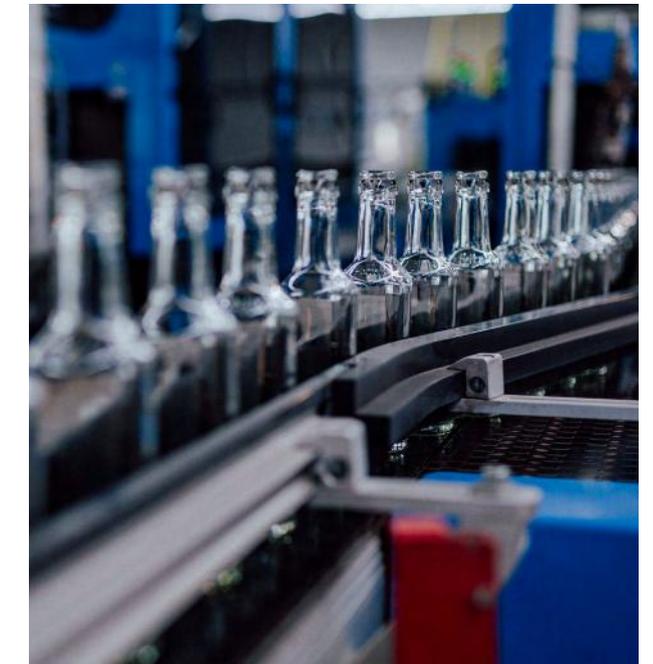
For further information click here or scan the QR-code.
www.fritz-kola.com

SAIYOK SPRINGS
RADACH & FAMILY ORGANICS CO., LTD.

Profile:

Name:	Sai Yok Springs
Founding year:	2022
Founder:	Elodie Radach, Alexander Radach
Location:	Bangkok, Thailand
Number of employees:	17 (81% females)
Number of customers:	25 (& growing)
Scope:	Local (city)/regional
Sector:	Beverages

Reuse system:

• Returnable glass bottles with deposit refund system
• Own distribution for local hotels and restaurants in Bangkok and Phuket to reduce imports of disposable glass and plastic

Gender equality measures:

• Female CEO
• 80+% female employees. Aimed for a 50/50 ratio but women are more interested in sustainability

For further information click here or scan the QR-code.
www.saiyoksprings.com

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Profile:

Name:	Bioland Weingut Galler
Founding year:	2009
Founder:	Ansgar Galler
Location:	Kirchheim, Germany
Number of employees:	3 (33% females)
Scope:	International/global
Sector:	Food & Drink

Reuse system:

• Wine made from new resource-efficient grape varieties
• In 2023 the "2/4 Piwi" wine, adapted to the deposit system for beer bottles, was introduced
• Filled in standardized, returnable 0,5L beer bottles to reintroduce them into a deposit system for beer bottles

**For further information
click here or scan the QR-code.
www.weingut-galler.de**

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boomerang®

send. enjoy. reuse.

Profile:

Name:	Boomerang
Founding year:	2021
Founder:	Katharina Kreutzer, Christian Putz, Marc Engelmann
Location:	Hamburg, Germany
Number of employees:	15 (33% females)
Number of customers:	6 online shops
Scope:	National
Sector:	e-Commerce

Reuse system:

- Reusable boxes and water-proof bags in 4 adjustable sizes made of recycled plastic (pp)
- Providing online-shops with shipping boxes and bags that can offer Boomerang as a shipping option for a 3€ deposit to customers
- Reverse logistics: receiving used packaging via mail from the customers or collecting them from return points in stores before cleaning and preparing them for the next shipping

Gender equality measures:

- Female CEO
- Considering gender equality in the recruiting processes
- Taking part in events like Girls Day

For further information click here or scan the QR-code.
https://www.boomerangpack.eu/

hey circle

Profile:

|	
Name:	hey circle
Founding year:	2021
Founder:	Doris Diebold
Location:	Munich, Germany
Number of employees:	8 (50% females)
Number of customers:	25 companies/brands
Scope:	National
Sector:	e-Commerce

Reuse system:

- Renting reusable boxes and bags to online retailers
- Boxes and bags have retainer straps to replace cushioning material, can be branded by the retailer and are secured with zipper and seal
- Online shops can calculate their reuse potential with Hey Circle

Gender equality measures:

- Start-up with female founder
- Gender neutral recruiting

**For further information
click here or scan the QR-code.**
www.heycircle.com
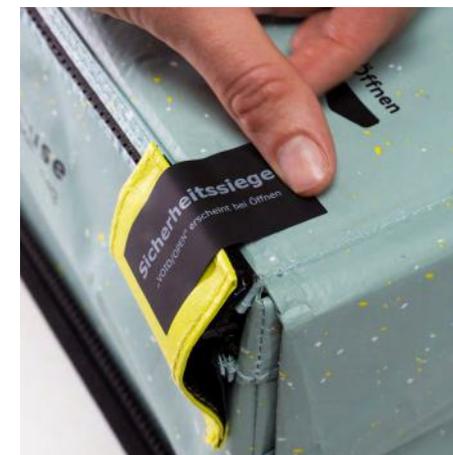
Ravioli

Profile:

Name:	RAVIOLI
Founding year:	2021
Founder:	Dorena Nagel, Can Olcer, Fabian Arioli
Location:	Hamburg, Germany
Number of employees:	3 (1/3 females)
Number of customers:	12 online-shops
Scope:	National
Sector:	e-Commerce

Reuse system:

• Reusable boxes made of recycled Polypropylene (70% recycled raw material). Made in Germany, available in 5 standard formats. Customised formats available
• Own return, tracking and online shop plugin software
• Flexible pricing models on a pay-per-use logic with no investment or extra costs for online shops - including the software
• Return via all DHL locations and dedicated Ravioli drop off locations

Gender equality measures:

• Female founder
• Diversity elementary criteria for team compositionecruiting

For further information click here or scan the QR-code.
https://getravioli.de/

RePack

Profile:

Name:	Original RePack
Founding year:	2011
Founder:	Jonne Hellgren, Juha Mäkelä, Petri Piirainen
Location:	Helsinki, Finland
Number of employees:	4
Number of customers:	300
Scope:	International/global
Sector:	e-Commerce

Reuse system:

• Reusable packaging that folds into letter size for empty return
• Free to return from any country in the world
• Software to manage and optimise the returns cycles

Gender equality measures:

• Prefer women hires to balance the current team composition

For further information
click here or scan the QR-code.
www.repack.com

Profile:

Name:	reCIRCLE
Founding year:	2016
Founder:	Jeannette Morath
Location:	Switzerland, Bern, (also present in Belgium, Denmark, Estonia, Germany, Italy, and the Netherlands)
Number of employees:	20 (50% females)
Number of customers:	2,500 restaurant partners, 60,000 daily uses
Scope:	International/global
Sector:	Gastronomy and take-away

Reuse system:

- High quality durable products, made in Switzerland, designed with and for the gastronomy
- Deposit return system and/or digital rental system with the reCIRCLE app
- Customers can easily return or exchange the products at any participating partner restaurant

Gender equality measures:

- Equal treatment of all genders (also with regard to wages)

For further information click here or scan the QR-code.
https://www.recircle.eu

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Relevo
#MehrwegToGo

Profile:

Name:	Relevo GmbH
Founding year:	2020
Founder:	Matthias Potthast, Gregor Kolb, Aaron Sperl
Location:	Germany, Munich
Number of employees:	31 (50% females)
Number of customers:	3,500 partners with 200,000 registered users
Scope:	International/global
Sector:	Gastronomy and take-away

Reuse system:

- Deposit-free reusable system for take away and delivery of food & beverages
- Wide range of highly durable cups, bowls and boxes made of distinctly hygienic SAN plastic
- Smartphone based digital rental/return solution with Relevo app for tracking and inventory management

For further information click here or scan the QR-code.
www.relevo.app

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Vytal

Profile:

Name:	VYTAL Global GmbH
Founding year:	2019
Founder:	Dr. Fabian Barthel, Dr. Tim Breker, Dr. Josephine Kreische
Location:	Cologne, Germany
Number of employees:	55 (46% females)
Number of customers:	7,100 B2B-customers and 600,000 registered consumers
Scope:	International/global: available in 15 countries
Sector:	Gastronomy take-away and event focus

Reuse system:

• Reusable containers optimized for event venues and individually traceable along the full circular value chain incl. external cleaning services
• Flexible B2C interface and staff-less container return points
• Transparent overview of container flows incl automatic deposit clearing between individual sales outlets if needed

For further information click here or scan the QR-code.
https://www.vytal.org/

Gender equality measures:

• Recently launched Women@Vytal, an initiative that aims to create a supportive network for female employees and provide opportunities for their professional development and growth
• Commenced with a breakfast event held for all women across the Berlin and Cologne offices in honour of International Women's Day
• Further events planned, including an upcoming session on April 9th featuring an external speaker

xiclo

Profile:

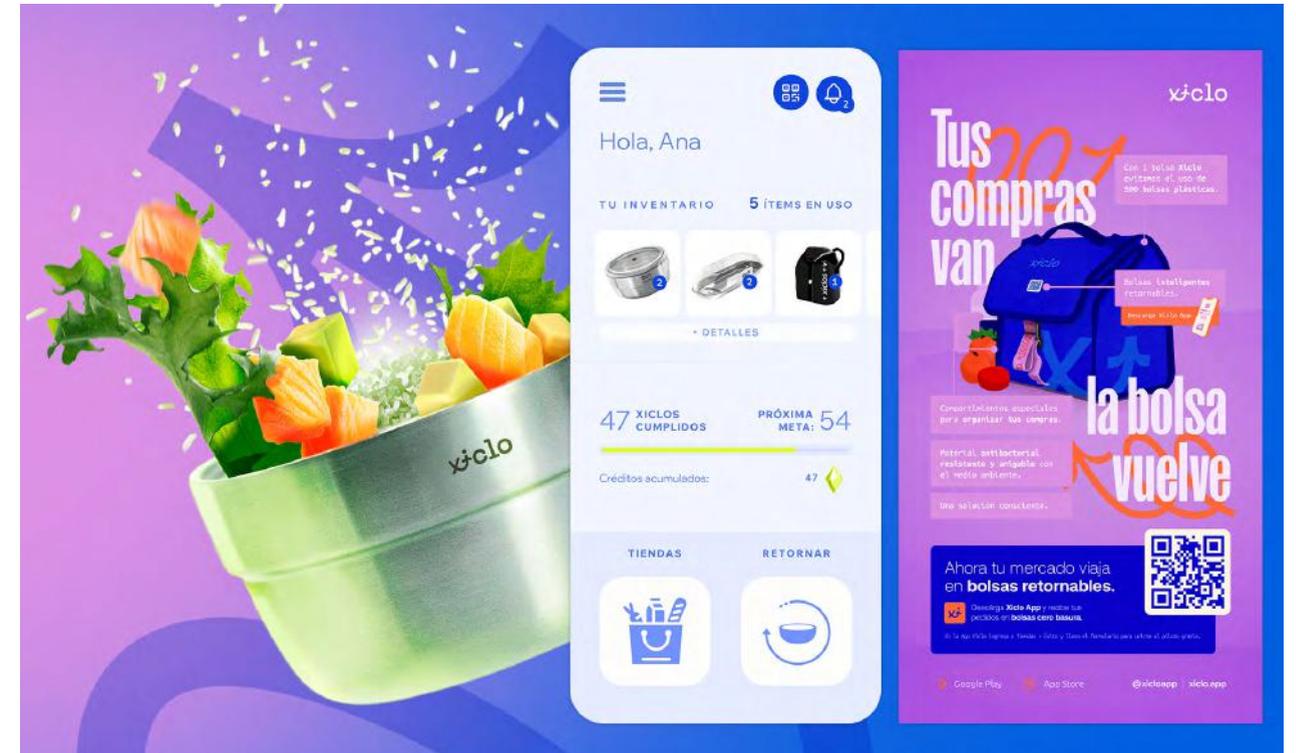|	
Name:	Xiclo
Founding year:	2021
Founder:	Ana Maria Villegas & Juan Jose Villegas
Location:	Bogota, Colombia
Number of employees:	10 (50% females)
Number of customers:	5,000 yearly
Scope:	Local (city)
Sector:	Gastronomy and take-away

Reuse system:

• Reusable containers and bags, digital tracking and return solution, cleaning service
• Robust and hygiene containers for food & beverage, and bags for groceries transport
• Partner rents packaging and users borrow
• Can be used at least 500-1,000 times depending on the material and then be recycled

Gender equality measures:

• Gender-inclusive recruitment

For further information click here or scan the QR-code.
https://xiclo.app

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dotch

Profile:

Name:	Dotch
Founding year:	2022
Founder:	Veronika Pfender, André Pietzke, Tim Winkler
Location:	Berlin, Germany
Number of employees:	4 (50% females)
Number of customers:	5
Scope:	National
Sector:	Groceries

Reuse system:

- 0.5L reusable bottle for culinary oil for consumers and producers as an alternative to energy-intensive disposable glass
- Return at the deposit machine and up to 50 returns possible
- Reusable infrastructure as full service for oil mills and oil brands incl. provision of bottles, return logistics and cleaning

Gender equality measures:

- Appreciative, gender-independent treatment of employees as well as physical and emotional resources
- Weekly, personal appointment for own free arrangement
- Home office as a self-evident means of work

For further information click here or scan the QR-code.
https://www.dotch.de/

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SEA ME®

MAKE A DIFFERENCE

zerooo
DAS MEHRWEGSYSTEM FÜR DIE DROGERIE

Profile:

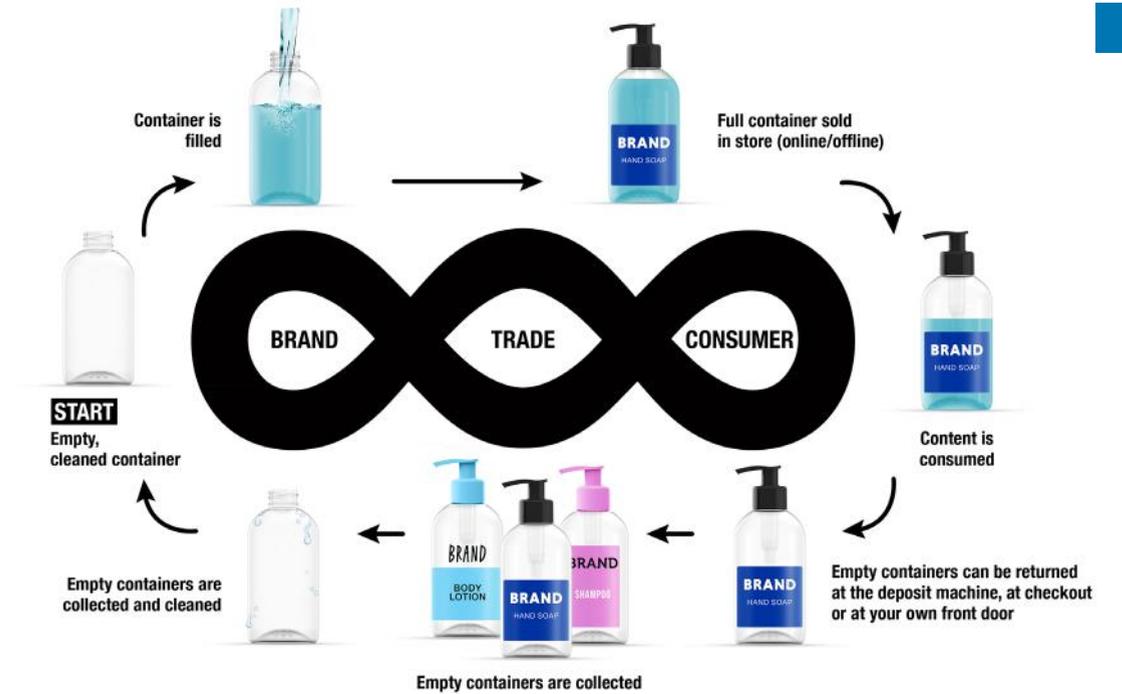|	
Name:	SEA ME GmbH
Founding year:	2019
Founder:	Lars Buck, Mirko Waraszik, André Lang-Herfurth, Jens Buck
Location:	Hamburg, Germany
Number of employees:	14 (50% females)
Number of customers/users:	100,000
Scope:	National
Sector:	Groceries

Reuse system:

• SEA ME GmbH is the operator of "zerooo", the reusable system for personal care products, and runs its own brand "SEA ME" to inspire users, retailers and suppliers to also go reusable
• The "SEA ME" brand offers high-quality skin care and is the pioneering brand to prepare the reuse infrastructure for "zerooo" and the industry at large
• In the slipstream of its own brand, the Impact Start-Up designs "zerooo", the reusable deposit system for drugstore and cosmetic items – together with its trading partners
• zerooo is paving the way for more brands and categories to break away from the linear, disposable system and move towards reusable packaging for zero waste in the beauty industry

Gender equality measures:

• Paying attention to creating a diverse team through our hiring process

Container is filled → Full container sold in store (online/offline)

BRAND — TRADE — CONSUMER

START
Empty, cleaned container

Content is consumed

Empty containers can be returned at the deposit machine, at checkout or at your own front door

Empty containers are collected and cleaned

Empty containers are collected

For further information scan the QR-code.

www.sea-me.com

www.zerooo.com

WECARRY

Profile:

Name:	WECARRY
Founding year:	2023
Founder:	Nelly Mathias, Mischa Wendel
Location:	Munich, Germany
Number of employees:	2 (50% female)
Number of customers:	15 bakeries
Scope:	National
Sector:	Groceries

Reuse system:

• Deposit system of reusable bags used for bakery products like bread, bagels or pretzels
• Implementation of a reusable alternative made of natural fibres replacing resource-intensive single-use bags
• Full-service solution for bakeries that includes the provision, collection and cleaning of reusable bags (up to 50 cycles)

Gender equality measures:

• Female Founder & CEO

For further information click here or scan the QR-code.
https://www.we-carry.com/

REFRA STRUCTURE

Profile:

Name:	Stiftung ReFrastructure
Founding year:	2022
Founder:	Tilmann Walz, Markus Urff
Location:	Esslingen, Germany
Number of employees:	10 (40% females)
Number of customers:	B2B (Recup, reCircle, Relevo, cooperation with Vytal in progress) + their customers in the pilot regions
Scope:	International/global
Sector:	Service/Infrastructure

Reuse system:

- Digital infrastructure for reusable systems allowing the return of all containers across all providers
- Neutral non-profit data platform, enabling cooperation between all stakeholders, including competitors
- Offering scaling effects for logistics and cleaning without creating monopolistic structures

Gender equality measures:

- Fair and transparent HR policy: gender plays no role in remuneration, all salaries are transparent for all employees, thus gender pay gaps are to be avoided
- "Mandatory parental leave" for fathers (reasons must be given if fathers do not want to take parental leave)
- Sensitization of employees to gender-specific issues in order to create an inclusive working environment

For further information click here or scan the QR-code.
https://refrastructure.org/

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UZAJE

Profile:

Name:	Uzaje
Founding year:	2019
Founder:	Emmanuel Auberger, Gonzague Gru, François Satin
Location:	Paris (Neuilly sur Marne 93), PACA (Avignon, 84), Strasbourg 67
Number of employees:	31 (33% females)
Number of customers:	100
Scope:	International/global
Sector:	Service/Infrastructure for Reuse

Reuse system:

• Cleaning solution for reuse systems in gastronomy and food retail
• 3 Industrial cleaning centres for reusable packaging (glass, plastic, stainless steel)
• Consulting businesses and supporting them in the transition from disposable single-use to reusable packaging

Gender equality measures:

• Agreement for corporate social responsibility including measures against inequality and social exclusion
• Uzaje is also a B corp certified company

For further information click here or scan the QR-code.
uzaje.com

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Role of RPE:

- RPE aligns pooling companys active in the area of Reusable TransportPackaging (RTP)
- Focusing on pooling of Reusable Packaging Containers (RPCs) and Reusable-Wooden Pallets (RWPs)
- Dedicated to promoting RTP use and innovative pooling models for a waste-free, circular economy
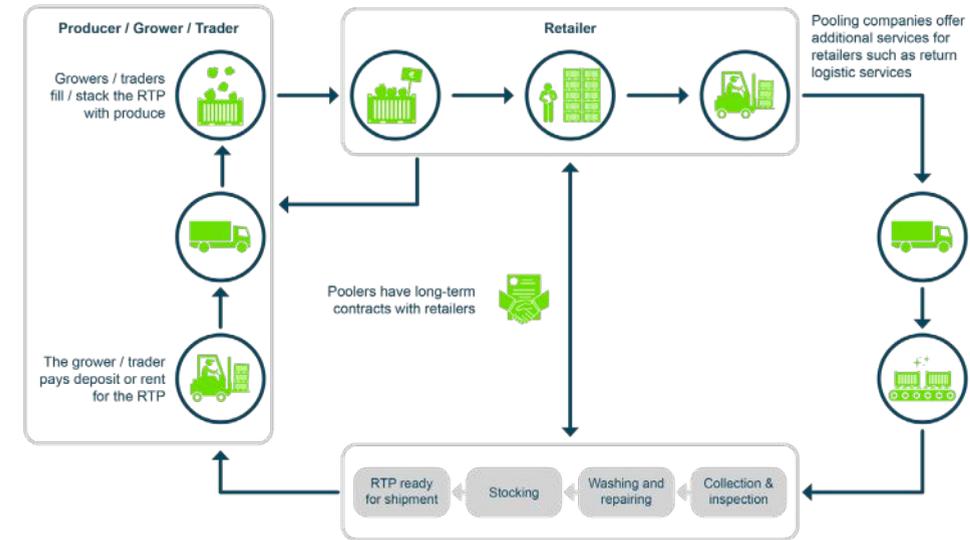
Reuse system:

- RTP is rented from a pooling company (e.g. in case of RPCs to grower/producer) with all costs included in the rental contract
- RTP delivered to retail warehouses, then distributed to individual shops using RTP
- This process covers the entire transport from warehouse to shop display
- RTP is returned to the pooling company for conditioning, including control, repair, and cleaning berfore being renting again
- RPCs are used 7 to 12 years, with up to 120 use per cycle; RWPs are used 8 years with up to 30 times per year

Members:

Pooling of reusable transport packaging

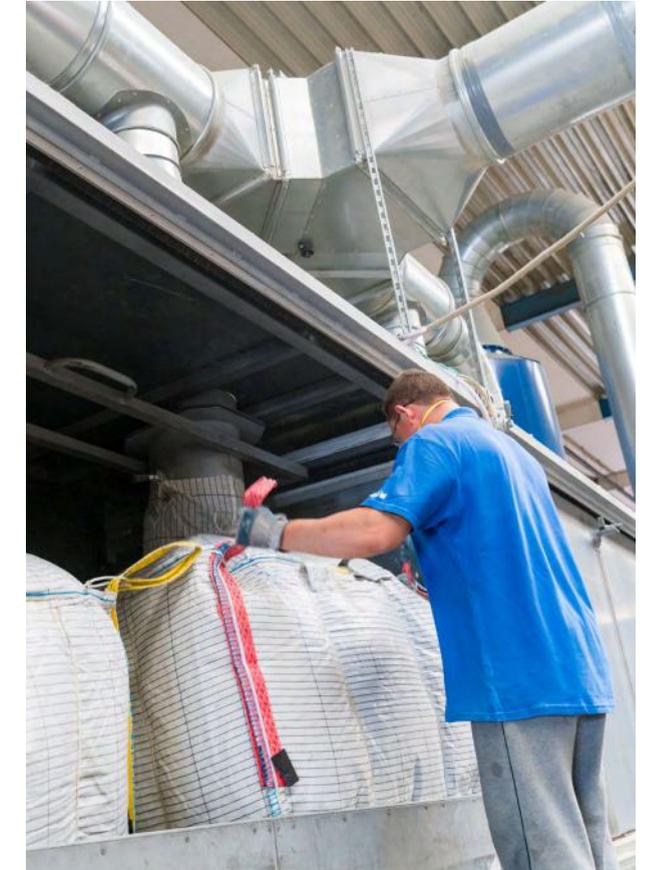

For further information click here or scan the QR-code.
https://rpeurope.eu/

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worldbag® member of **lc packaging**®

Profile:

Name:	Worldbag
Founding year:	1995
Founder:	
Location:	Waddinxveen, Netherlands
Number of employees:	<10 (80% females)
Number of customers:	5,000 yearly
Scope:	International/global
Sector:	Transport

Reuse system:

• WorldBag collects and reconditions big bags from European end users, ensuring quality
• These bags can be reused up to five times, due to rigorous checks, cleaning, and inspections that are part of the process
• Offering flexible logistic services and working together with sustainable transport companies

Gender equality measures:

• Equal compensation by implementing Korn Ferrry Hay Levels
• Monitoring and reporting on discrimination and harassment incidents, disag-gregated by gender in place, supported by accompanying policies and internal mandatory training on these topics
• Address gender diversity in recruitment (hiring) and taking proactive steps to recruit woman at all levels – Furthermore, in 2021 LC Packaging has become a member of WEPs (Women Empowerment Principles) and has published a CEO Statement of Support (Leadership Commitment)

For further information click here or scan the QR-code.
https://www.worldbag.com/

Profile:

City:	Frankfurt am Main, Germany
Reuseinitiative(s):	#MainMehrweg by Frankfurt Waste Disposal and Service GmbH (FES)
(Planned) Duration of the initiative:	permanet
Impact of the initiative:	138,133 single-use packaging items saved (as of 11/10/23)
Sector(s) involved:	Beverages and logistics
Partners involved:	City of Frankfurt: supports the efforts to reduce waste and increase the use of reusables. Vytal: FES collaborates with digital, deposit-free reusable system Vytal. It is Europe's largest digital reuse system and promotes reuse through its smart app

Reuse system:

- In 2019, the municipal #MainBecher return system was adopted by the Frankfurt Waste Disposal and Service GmbH (FES), originating from a citizen's initiative. This to-go cup system used recyclable, plastic-free organic-cups
- Since October 2022, #MainBecher has been collaborating with the digital, deposit-free reusable system Vytal. #MainBecher has been integrated into the local portfolio as a cup option
- In Frankfurt am Main, #MainBecher (translates as Main Cup) now becomes #MainMehrweg (Main reuse system)

For further information click here or scan the QR-code.
www.mainmehrweg.de

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Tübingen
Universitätsstadt

Profile:

Name:	Tübingen
Reuseinitiative(s):	„tü-go – besser bechern" (2016); Support program for businesses to convert to reusable system (May 2020); Packaging tax (January 2022)
(Planned) Duration of the initiative:	permanet
Number of users/ citizens reached by the initiative:	More than 100,000
Partners involved:	University of Tübingen, City Tübingen, 'Aktionsbündnis Müllarmes Tübingen' (Action Alliance for Low-Waste)

Reuse system:

• 2020, the Tübingen municipal council decided to tax disposable packaging from January 2022
• Companies from the catering industry that switch from disposable to reusable tableware can apply for subsidies for the purchase of reusable tableware or commercial dishwashers or participation in a deposit pool system (max. € 500 for tableware and max. € 1,000 for a dishwasher)
• The packaging tax aims to create incentives to reduce packaging material and thus reduce waste in public spaces. At the same time, an incentive is to be created to use reusable packaging

Die Verpackungssteuer gilt für diese Einwegartikel:
Beispielhafte Darstellung

Getränkebecher
für warme und kalte Getränke
z. B. Kaffee, Tee, Cocktails, …

Besteck ≥10 cm
(Messer, Gabel, Löffel, Essstäbchen)
ab einer Größe von 10 cm

Rührstäbchen/ Trinkhalme ≥14 cm
ab einer Größe von 14 cm

Kartons
für z. B. Pizza, Pide, …

Schalen
mit und ohne Deckel für z. B. Döner, Bowls, Salate, Sushi …

Boxen
für z. B. Pommes, Nudeln, …

Tüten
für z. B. Burger, Pommes, …

**Alufolien/ Einwickelpapiere**
für z. B. Döner, Yufka, …

Teller
für z. B. Pizzastück, …

Becher
für z. B. Müsli, Eis, Obst, …

⚠ **ACHTUNG**
Bei **kalten Speisen** gilt die Steuer nur, wenn sie mit Besteck verkauft werden.

Die Steuer gilt für Einwegverpackungen und Besteck **unabhängig vom Material** wie z. B. Papier, Holz, Plastik, Naturfasern.

www.tuebingen.de/verpackungssteuer

Tübingen
Universitätsstadt
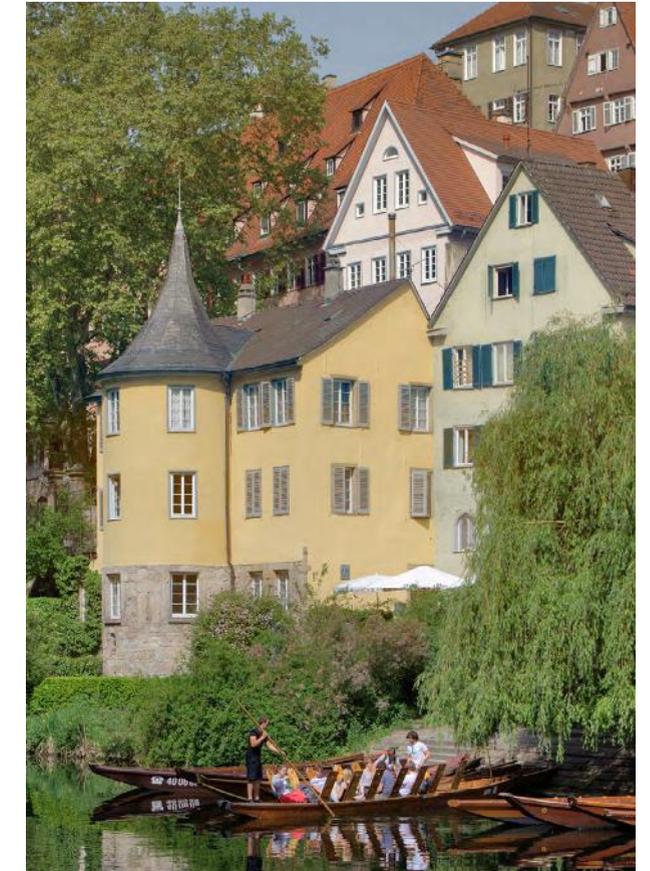
For further information click here or scan the QR-code.
www.tuebingen.de/verpackungssteuer

Networks

If you are looking for further good practices to learn from and other reuse networks to engage in, please cosider visiting the following websites.

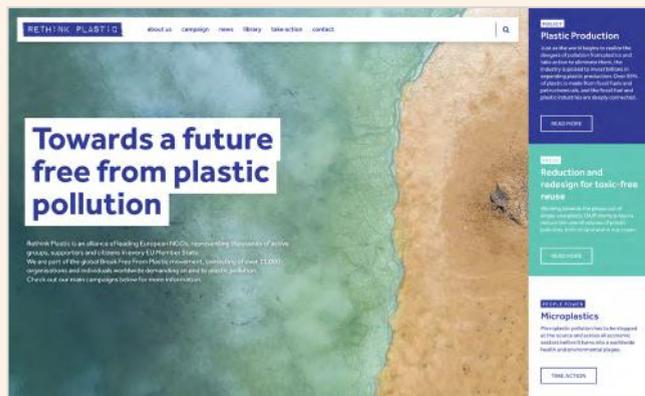### EU Reuse Alliance ▶

newreusealliance.eu

Planet Reuse ▶

platform.planetreuse.eu/organizations

PREVENT Waste Alliance ▶

prevent-waste.net/

Rethink Plastic ▶

rethinkplasticalliance.eu/

Reuse Portal ▶
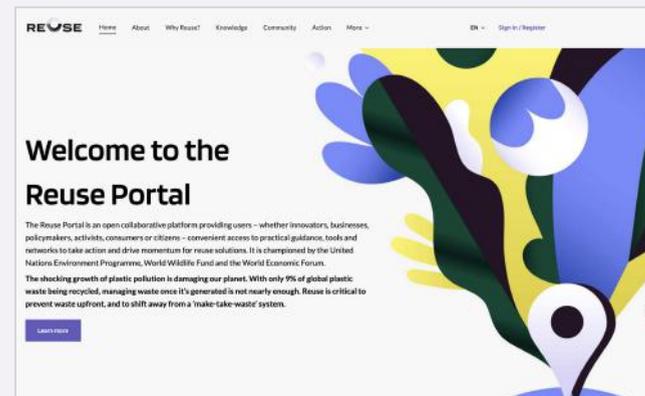
reuseportal.org/organizations#

You are implementing reuse and would like to present your system or business in this brochure?

Please reach out to us!

jana.schwalm@giz.de

INTRODUCTION

CIRCULAR ECONOMY

OVERVIEW

SECTOR
EXAMPLES

CITIES

NETWORKS

[IMPRINT]

Imprint

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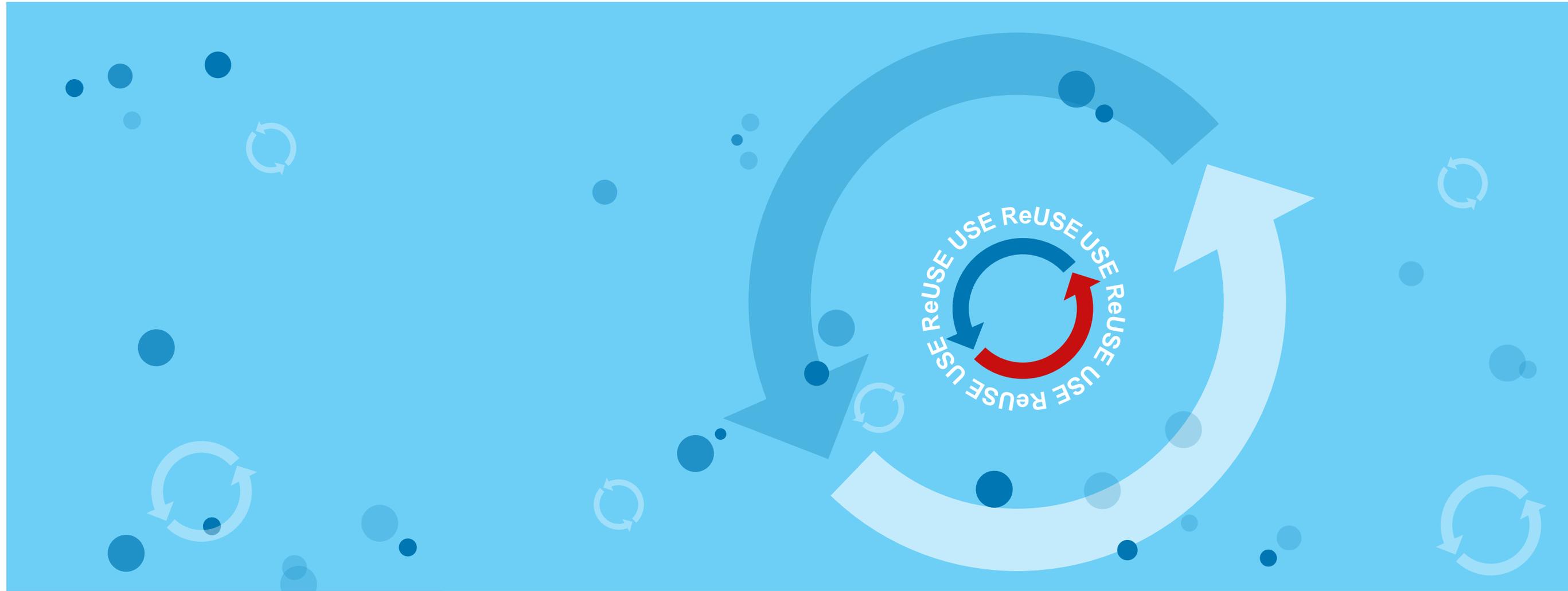Division 121 Water and Circular Economy;
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