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*Tere tulemast*

*Välkommen*

*Witamy*

*Welcome*

*laipni lūdzam*

# CommitClimate

**Learning Platform**

**Training Module *Circular Economy (2)***

***Best practice & resources***

# Outlines

An aerial photograph of a wind turbine in a rural landscape. The turbine is the central focus, with its three blades extending upwards. The surrounding area consists of green fields, some with rows of crops, and a few scattered trees. In the background, there are rolling hills and a cloudy sky. The overall scene is peaceful and scenic.

- **Circular Social Housing, Aarhus, Denmark**
- **Circular Glasgow, food waste reduction campaign, UK**
- **Signify, circular lightning systems, Netherlands**
- **Repair centre RUSZ, Austria**
- **ThredUP – keeping clothes in use, USA**
- **Resources**
- **Activity: Create a local action plan**

## Best practice: Circular Social Housing, Aarhus, Denmark

The project comprises 60 social housing units built in Aarhus, Denmark, based on the principles of a circular economy. This means, among others, it can be disassembled, and its elements can be recycled without losing their integrity.

It consists of 60 housing units located in Lisbjerg Bakke, a residential neighborhood on the outskirts of Aarhus, designed as scalable demonstration project to incorporate new knowledge about circularity in the construction and architecture sector.

Circle House is designed based on the 15 principles of the categories of design for deconstruction, developed as guidelines and strategies for the application of reuse and the circular economy within the construction sector.

More information: <https://www.tomorrow.city/circle-house-denmarks-first-circular-social-housing-project/>

<https://www.creativedenmark.com/cases/circle-house-denmarks-first-circular-social-housing-units>



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# Circular Social Housing, Aarhus, DK



## Best practice:

# Circular Glasgow, food waste reduction campaign, UK

Glasgow has set a goal to become a fully circular city by 2045 and net-zero carbon city by 2030. One of its most successful programs to help achieve these goals is Circular Glasgow, which was set up in 2017 by Glasgow Chamber of Commerce to galvanize local businesses to take advantage of the circular economy opportunity.

Plate up for Glasgow is a food waste reduction campaign focused on the hospitality industry that took place during COP26. 41 local hospitality businesses developed innovative, low-waste menu items, to help tackle emissions associated with food waste.

Circular food design means using diverse, lower-impact, upcycled and regenerative ingredients to create food products that are not only nutritious and tasty, but also create positive outcomes for nature, farmers, and business.

More information: <https://www.circularglasgow.com/plate-up-for-glasgow/>  
<https://www.ellenmacarthurfoundation.org/circular-examples/circular-glasgow>



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# Circular Glasgow, food waste reduction campaign, UK



**GLASGOW**  
CHAMBER OF COMMERCE

**Circular  
Glasgow**

## Best practice:

### Signify, circular lighting systems, Eindhoven, NL

Signify was the first lighting company to develop 3D printing of luminaires at scale, which it is gradually expanding through facilities around the globe. 3D printed luminaires consume less energy in material extraction and manufacturing, and the material has a 47% lower carbon footprint compared to a conventionally manufactured metal luminaire. Savings increase further when printed using recycled materials such as compact discs and the 3D printed luminaire material it uses can be recycled.

In 2020, the company also introduced streetlights with reusable components and recyclable parts. By replacing parts, the lifetime of the entire streetlight can be extended. And with regards to lights as a service, users pay for the light, not the equipment.

More information: <https://www.signify.com/>

<https://circulareconomy.europa.eu/platform/en/good-practices/circular-lighting-signify>



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## Signify, circular lighting systems, NL



## Best practice: Repair center RUSZ, Vienna, Austria

R.U.S.Z. (Repair and Service Center) is a special initiative in Vienna, where jobless people are trained to repair goods at affordable prices and disassemble electronic equipment so that hazardous and non-hazardous waste is separated. Items most commonly repaired are electronic and electrical household devices.

R.U.S.Z. created an enormous demand for repair services which sowed the seeds of the Repair Network Vienna, a network of some 60 private, profit-oriented repair companies and was followed by the creation of three other repair networks in Austria.

In addition, a Viennese repair bonus is keeping thousands of items out of the junkyard and inspiring other cities.

More information:

<https://rusz.at/en/>

<https://therevelator.org/austria-repair-bonus/>



# Repair center RUSZ, Vienna, Austria



## Best practice: ThredUP – keeping clothes in use, USA

thredUP has designed a modern resale experience on one of the largest online platforms for women's and kids' apparel. Through its managed marketplace, thredUP has created a smarter and easier way to buy and sell secondhand clothes.

Sellers send in pre-loved clothes from any brand for free. thredUP then processes these items, carrying out quality inspection, itemization, price analysis, storage and listing, so they can be resold.

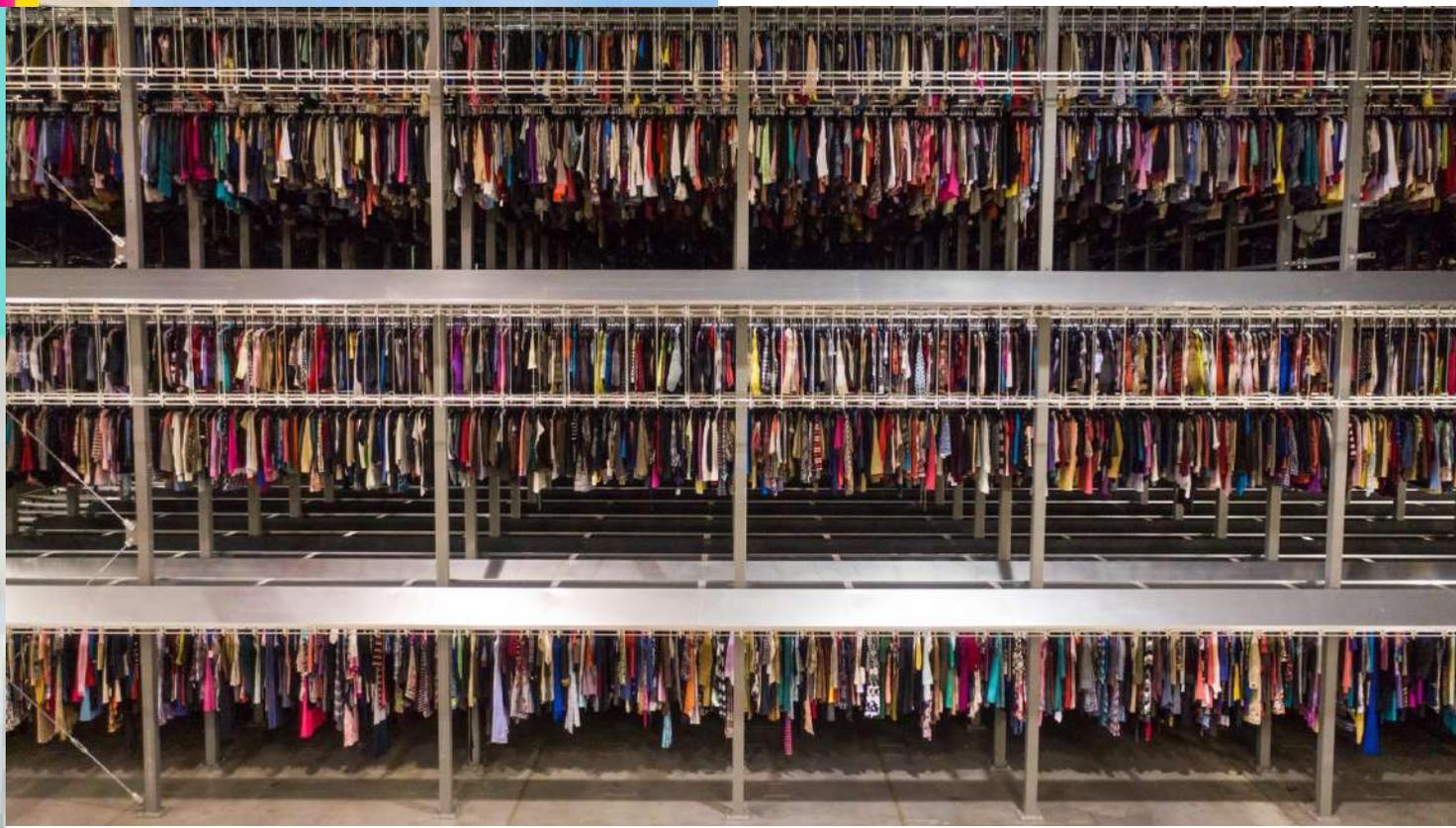
Buyers enjoy access to an ever-changing assortment of high-quality, low-price clothes from more than 35,000 brands. In 2021, thredUP reached a valuation of more than USD 1 billion.

More information: <https://www.ellenmacarthurfoundation.org/circular-examples/keeping-clothing-in-use-to-save-us-money-and-reduce-waste-thredup>  
<https://www.thredup.com/>



**THREDUP**  
x  
zero waste daniel

WHAT YOU  
NEED TO KNOW  
BEFORE YOU  
SELL YOUR CLOTHES ON  
**THRED UP**



**ThredUP -  
keeping  
clothes in  
use, USA**

## Resources

<https://www.ellenmacarthurfoundation.org/topics/circular-economy-introduction/overview>

Lots of basic information including links and best practices.

[https://environment.ec.europa.eu/strategy/circular-economy-action-plan\\_en](https://environment.ec.europa.eu/strategy/circular-economy-action-plan_en)

The EU Circular Economy action plan.

<https://www.eea.europa.eu/en/topics/in-depth/circular-economy>

The European Environment Agency's site on Circular Economy. Includes some useful information with focus on different sectors.

<https://circulareconomy.europa.eu/platform/en/good-practices?page=1>

A collection of almost 800 good practices from all over Europe.

<https://www.circulareconomyresources.com/>

A UK compilation of useful learning materials.

**Your turn 😊**

# **Create a short Circular Economy**

## **local action plan**

**Focus on the following questions:**

**What do you want to achieve (your most important targets)?**

**What groups, partners do you need to involve?**

**What sectors are your first priority?**

**How do you measure your results?**

**How do you celebrate your successes?**



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**Thank You for your attention!**

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