

CIRCLE ECONOMY KNOWLEDGE HUB

ACCELERATING PRACTICAL AND SCALABLE IMPLEMENTATION OF CIRCULAR ECONOMY

The [Circle Economy Knowledge Hub](#) invites all interested stakeholders managing circular economy practices to contribute to the world's library of circular economy and to the Case studies.

Founded in 2011 with the mission to accelerate the practical and scalable implementation of the circular economy, [Circle Economy is a not-for-profit organization](#) that collaborates with a broad spectrum of partners to implement its activities. The website offers a wide variety of documents, articles and data on circular economy and its key elements, on its potential positive impact for a more sustainable world and on results of the organization's activities.

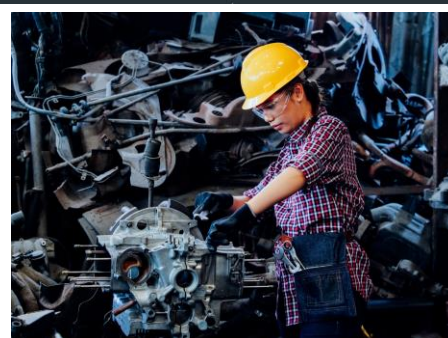
To date Circle Economy has worked with over 80 businesses, 31 cities and 20 nations around the world. Combining research, data, and digital tools, the practical and scalable approach is focused on empowering decision-makers from the public and private sectors to develop and implement circular economy strategies and business models.

The Circle Economy is guided by the vision of an economic system that ensures the planet and all people can thrive. [The aim is to drive a circular transition that delivers environmental, economic and social benefits](#) and the initiative works to actively improve the link between the circular economy and wider global issues. These include greenhouse gas emissions, resource scarcity, resilient business models, labour and social equality. The global circular transition must be people-centric, resource-safe and climate-smart.

[62 Case studies are currently documented in the Circle Economy Knowledge Hub](#), presenting practices of circular economy designed and managed by a wide range of actors: national governments, cities and local governments, large and small companies.

Among these practices, for example, can be found the [Pravara Cooperative Sugar Factory](#) in India, which adds agricultural value through the industrial use of by-products from sugarcane processing, generating better income for small farmers; the [Urban Agriculture Programme](#) of the city of Rosario in Argentina, based on 800 farms and organic gardens managed by citizens, transforming degraded places into productive green spaces; the [QMILK enterprise](#) producing sustainable fibre from non-food milk in Germany; the [ColdHub enterprise](#) managing a post-harvest, solar-powered cooling service in Nigeria, an effective solution to the problem of post-harvest losses of fruits, vegetables and other perishable foods.

This collection of case studies around the world is curated by the Circle Economy team from Knowledge Hub to offer practical and successful examples of circular economy and to inspire other actors to take action.




A CIRCULAR ECONOMY OPTIMISES MATERIAL FLOWS BY DESIGNING OUT WASTE AND KEEPING MATERIALS IN USE, AMONGST OTHER THINGS.




FIND & ADD PRACTICAL EXAMPLES OF THE CIRCULAR ECONOMY
ON THE KNOWLEDGE HUB

The importance and urgency of multiplying circular economy initiatives at different levels of intervention around the world is documented in the [Circularity Gap Reports](#) that have been produced since 2018 and published every year during the World Annual Forum in Davos. These Reports, which are produced by involving cross-sector stakeholders from academia, businesses, NGOs and governments, deliver an annual global circularity metric that measures the state of the world economy, identify key levers to transition to global circularity and provide insights into the circularity gap of countries and sectors. They also offer information and data on the multitude of benefits circular economy provides to limit global warming and to enhance biodiversity.

The [2021 Circularity Gap Report](#) for example, presented at the Davos Forum in January 2021, highlighted that the world's resource consumption has tripled in the last 50 years. The world now consumes more than 100 billion tonnes of new materials each year. Only 8.6% of these resources are recycled or reused and 70% of greenhouse gasses are directly linked to the extraction, handling, and consumption of materials. The Report highlights that the consumption patterns and systems are directly linked to the current climate crisis. The circular economy offers solutions to drastically reduce material-related emissions, as well as to address other systemic flaws from biodiversity loss to global inequality. If the world manages to double this recycling rate by 17%, it will be possible, for example, to limit global warming to well below 2-degrees, to improve biodiversity, to create cleaner air and avoid climate catastrophe.

Circle Economy aims to empower a global community of businesses, cities and governments to accelerate the transition to the circular economy through practical and scalable insights and solutions that address humanity's greatest challenges. The Knowledge Hub, which is a strategic tool of this initiative, highlights that the knowledge base of circular economy grows quicker if everybody adds case studies on successful practices, inviting all engaged stakeholders to participate

To know more

[Circular Economy Knowledge Hub](#)

[Case studies – Circle Economy Knowledge Hub](#)

[Circle Economy website](#)

[Circle Economy in Facebook](#)

[Key elements of the circular economy - Circle Economy](#)

[Circle Economy 2020 impact report](#)

[Circularity Gap Initiative – All published Reports](#)

[Circularity Gap Reporting Initiative](#)

[Circularity Gap Report 2021.pdf - Google Drive](#)

[Circularity Gap Report 2021 - Executive Summary](#)

[Circle Economy Official Blog](#)

