



Waste-Free Future: Research Resources

General:

- Ellen MacArthur Foundation
<https://www.ellenmacarthurfoundation.org/>
- The Circular Classroom: a Free Toolkit for Activating the Circular Economy through Experiential Learning by Leyla Acaroglu
<https://circularclassroom.com/>
- World Energy Outlook
<https://www.iea.org/topics/world-energy-outlook>
- Food & Agriculture Organization of the UN: Agroforestry
<http://www.fao.org/forestry/agroforestry/en/>
- Quick Guide to Circular Economy Business Strategies
<https://medium.com/disruptive-design/quick-guide-to-circular-economy-business-strategies-b3d6a000facf>

Videos:

- Explaining Circular Economy: Best Real-Life Examples
<https://www.youtube.com/watch?v=Yvps9DHWcw>
- Sustainability Illustrated: Circular Economy
<https://www.youtube.com/watch?v=X6HDcubgxRk>
- Explaining the Circular Economy and How Society Can Re-think Progress
<https://www.youtube.com/watch?v=zCRKvDyyHml>

Real-World Circular Economy Examples:

- Toilet Paper Bike Trails: The Netherlands adds cellulose from used toilet paper to make asphalt bike trails less slippery.
<https://www.bloomberg.com/news/articles/2017-09-28/the-bike-lane-paved-with-recycled-toilet-paper>
- Rubber Tire Concrete: Engineers have found a way to turn old rubber tires and concrete rubble into a concrete building material that is even stronger than traditional concrete
<https://phys.org/news/2021-01-cleaner-stronger-harder-tech-sustainable.html>
- Sugar Cane Takeout: Sturdy, compostable take-out containers are made from sugarcane and wheat straw agricultural fiber.
<https://www.goodstartpackaging.com/fiber-clamshell-6-x-6-x-3-pfas-free/>
- T-shirts designed to make more t-shirts
<https://www.ellenmacarthurfoundation.org/case-studies/an-open-access-circular-supply-chain-for-fashion>
- Clothing Buyback and Resale: A digital platform enables clothing manufacturers to buy back clothes and resell them.
<https://www.ellenmacarthurfoundation.org/case-studies/the-online-platform-for-scaling-reuse>
- Plastic waste becomes furniture and roofs: Eco-composite materials made from plastic waste helps stop deforestation in Africa, makes use of the pileup of plastic garbage.
<https://www.sitra.fi/en/cases/plastic-waste-recycled-into-school-furniture%e2%80%afand-ecological-roofs/>