

CGE Earth Week for Everyone Beyond Waste What is the Circular Economy?

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What is Circular Economy

What is a Circular City

What can I do?

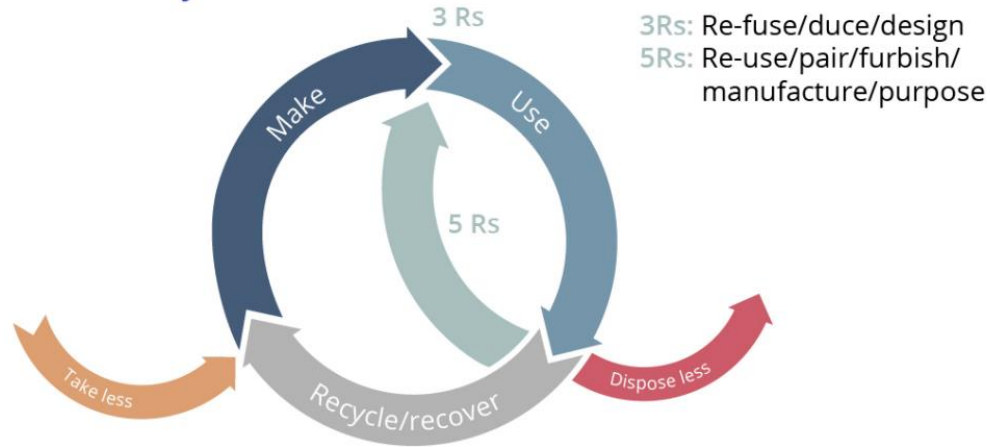
What is circular economy

Moving (rebalancing) from linear to circular lifestyle and economic models

From a linear economy:



to a circular economy:



The transition from a linear to a circular economy

Benefits of Circular Economy

ECONOMIC GROWTH

CARBON DIOXIDE EMISSIONS

MATERIAL COST SAVINGS

PRIMARY MATERIAL CONSUMPTION

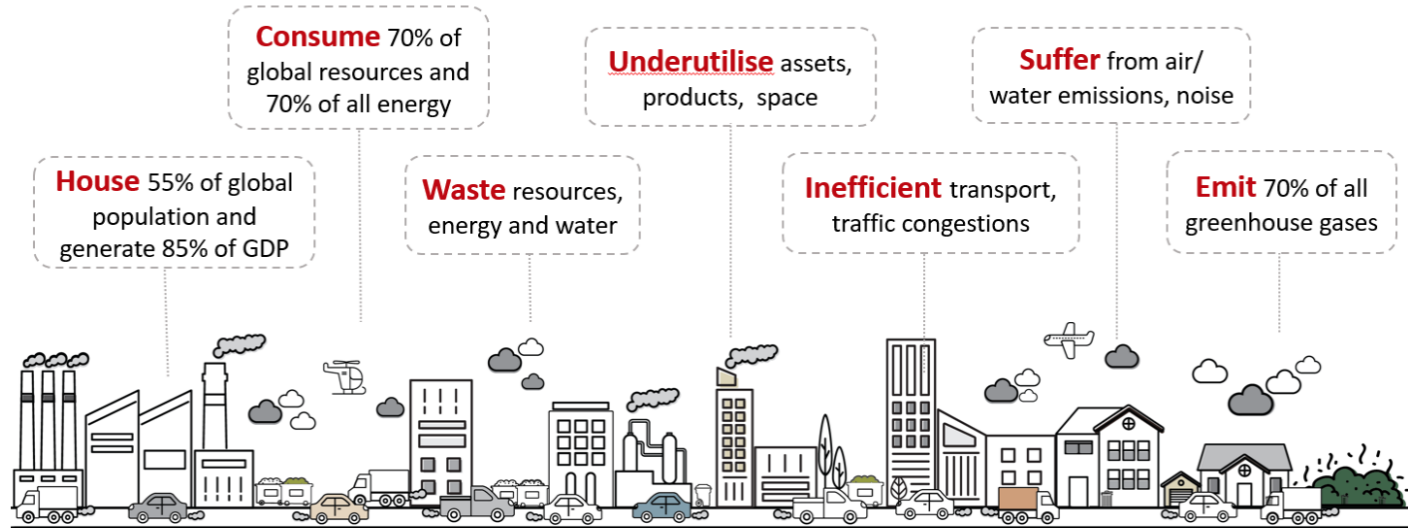
INNOVATION

LAND PRODUCTIVITY AND SOIL HEALTH

What is a Circular City

Example of Current Linear City

Cities produce about half of the waste generated



Examples of wastage and linear externalities in today's linear cities

Vision of a Circular City

Moving (rebalancing) from linear to circular lifestyle and economic models

Assets/products are **shared/leased** with end-of-life **recovery**

Urban bio-economy with organic by-product/waste recovery and urban farms

Reverse logistics to facilitate re-use, repair and remanufacturing

Digital tools facilitate sharing/recovery applications

Mobility systems are clean and shared

Production with local value loops and industrial symbiosis

Energy production is renewable and local

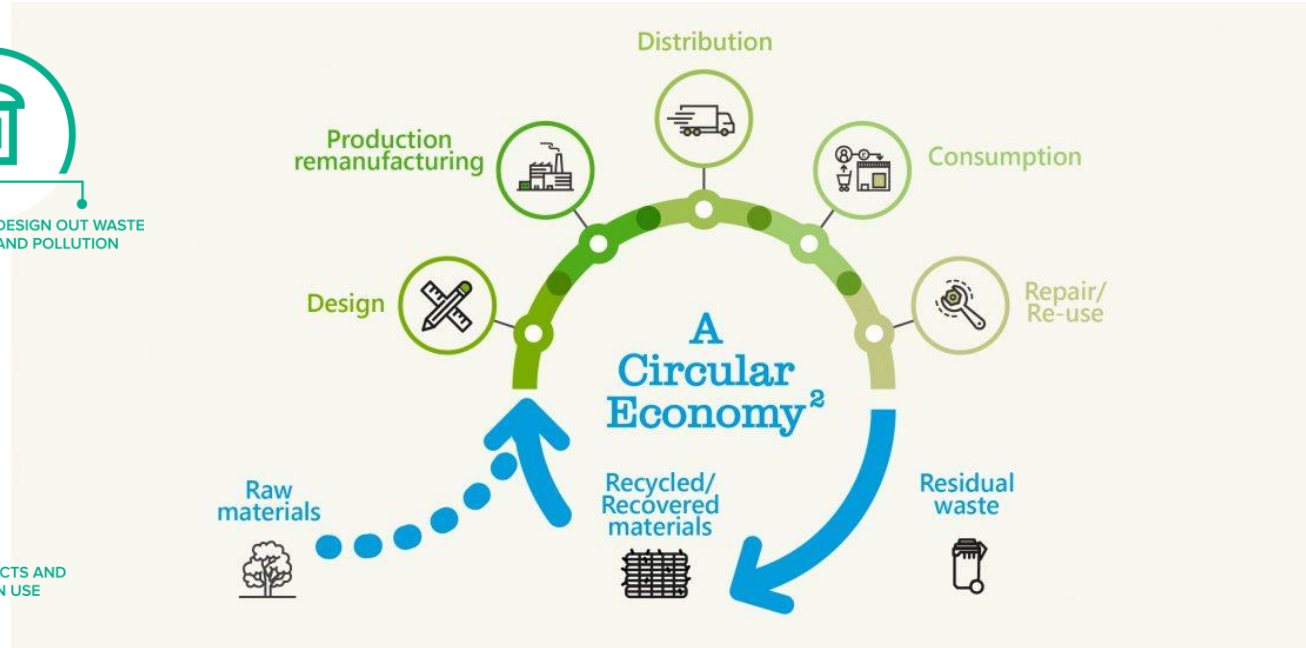
Buildings are modular, shared, and designed for disassembly



A circular city tomorrow

What Can I do?

Help Move Evanston to a Circular and Regenerative Future



City of Evanston – Call to Action

Remember and apply the 5Rs (Refuse, Reduce, Reuse, Repair, etc.)

Support Evanston (and other local) circular businesses

- Repair, Reuse and Refurbish businesses (building materials, electronics, waste)
- Resale Shops (books, athletic equipment, clothing, mulch, compost materials, etc.)
- Donate used items (versus put in garbage)
- Grow food, use community gardens, etc.
- Live “local”

Purchase and use less toxic materials and energy

Advocate for City policies, incentives and investments in circular models