# The Global Environment Outlook 7 Scoping Meeting

## Expert Dialogue – Circularity

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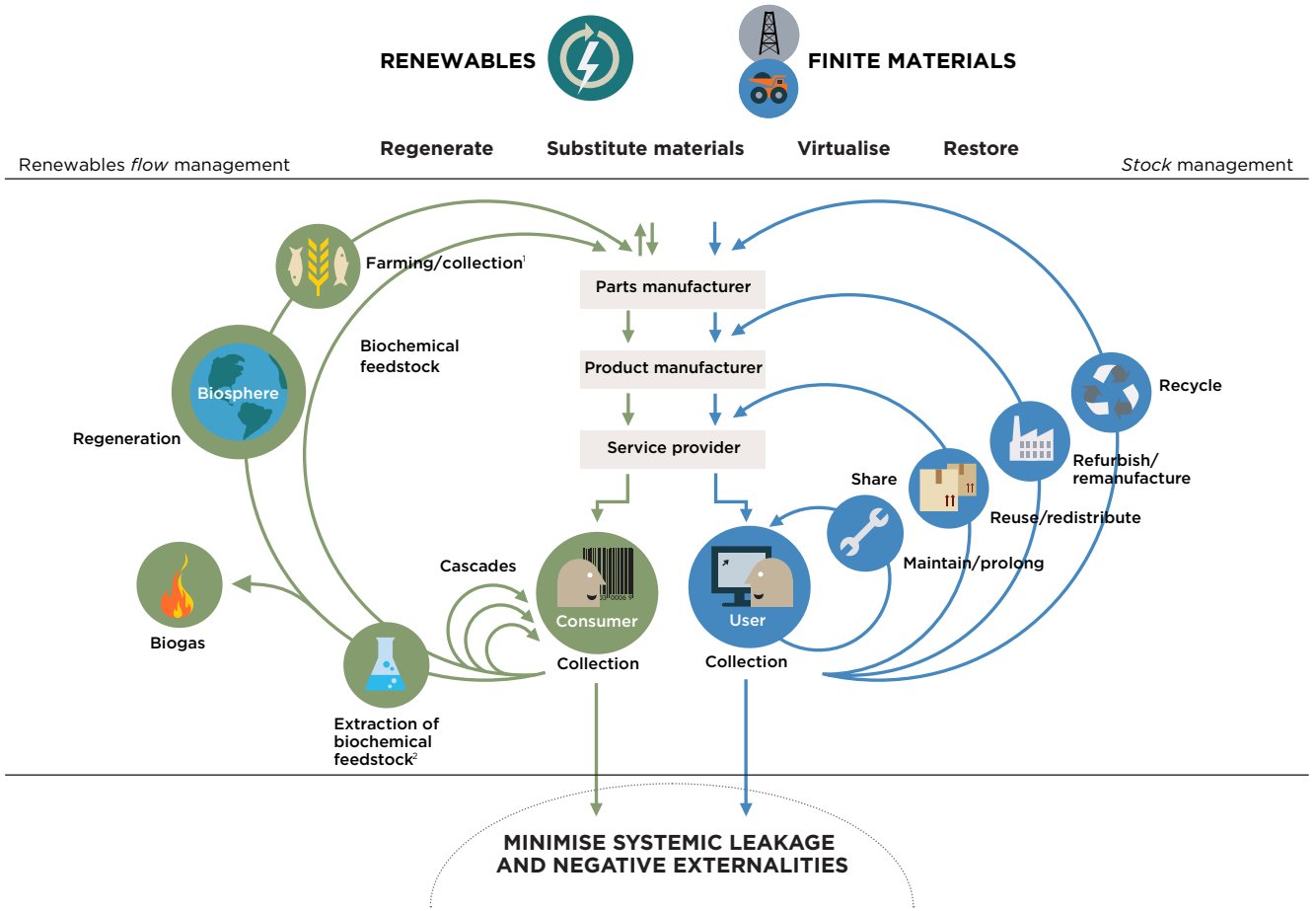
# RESTORE, REGENERATE, REDEFINE GROWTH

**Eliminate waste and pollution**

**Keep products and materials in use**

**Regenerate natural systems**



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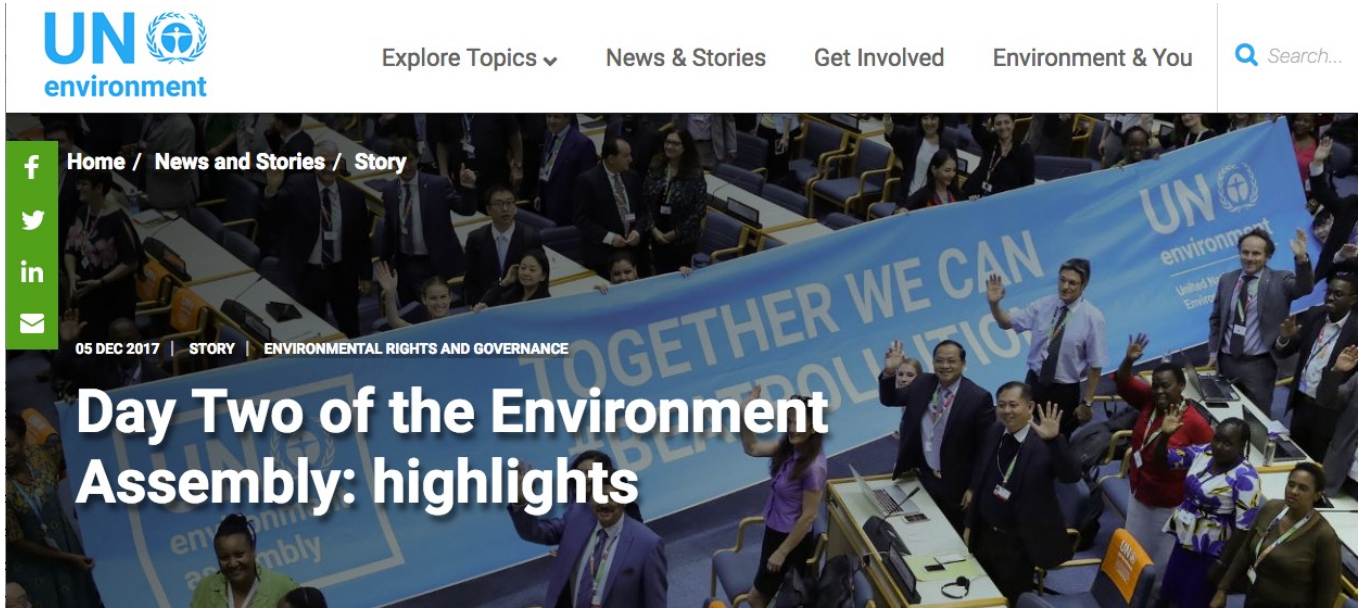
WORLD CIRCULAR ECONOMY FORUM

WORLD TRADE ORGANIZATION

OECD

International Resource Panel




Circular economy

Tuesday also saw a well-attended 'leadership dialogue' on the transition toward a more resource-efficient "circular" economy.

Delegates dug deep into issues including designing products so they be easily recycled, how finance can encourage sustainable business, and whether incineration can be part of responsible resource management (not in the long-term, speakers agreed).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**85%**
of global GDP generation

**75%**
of global resource consumption

**60-85%**
of global GHG emissions

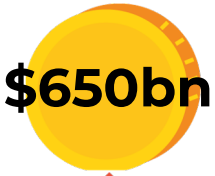
**50%**
of global solid waste production

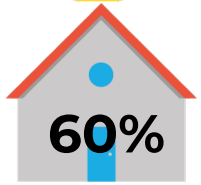
Photo by Jacek Dylag on Unsplash

# OPPORTUNITY FOR CHANGE

CITIES

## BUILDINGS


## MOBILITY




## PRODUCTS

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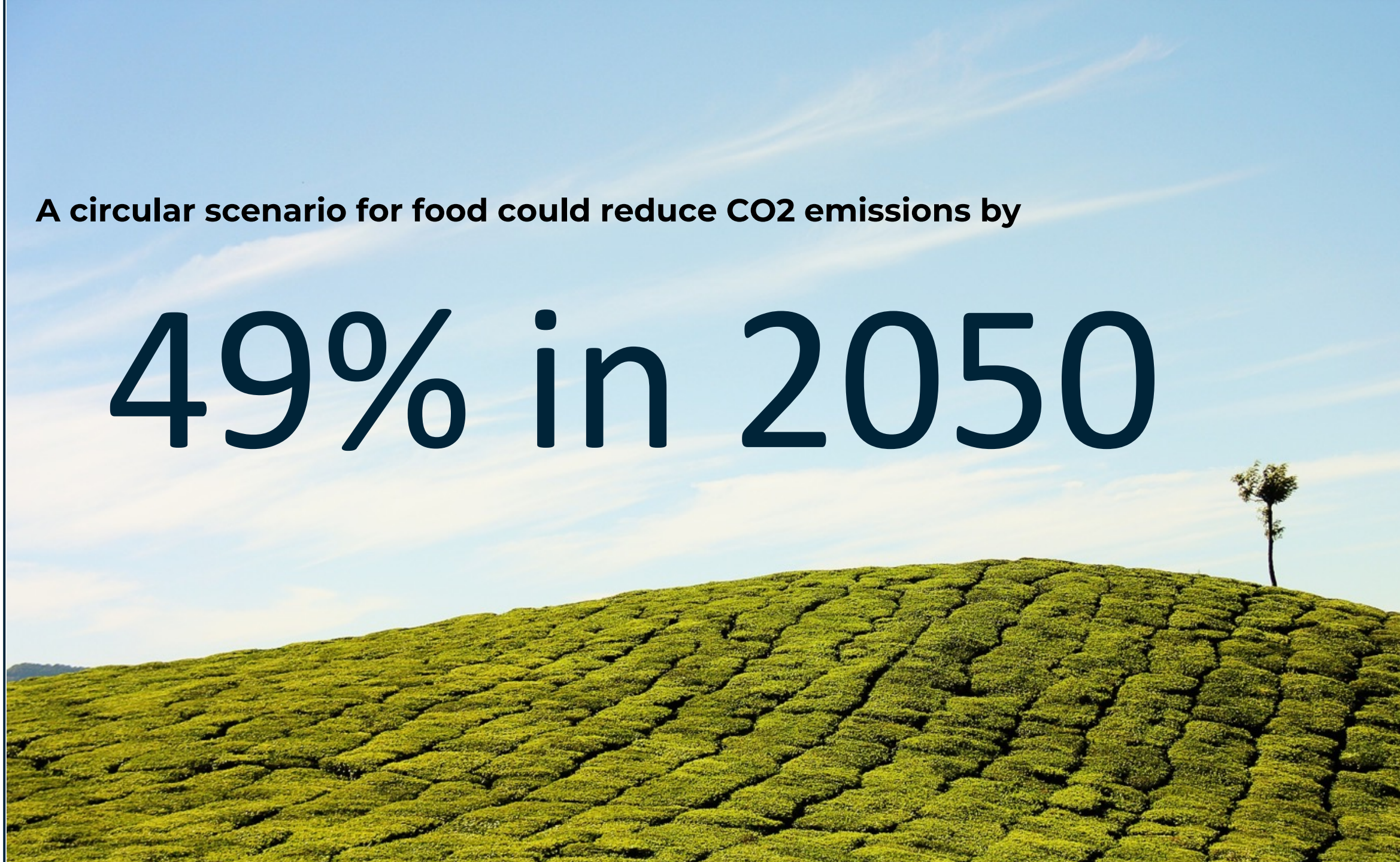
**A circular scenario for food could reduce CO2 emissions by**

# 49% in 2050



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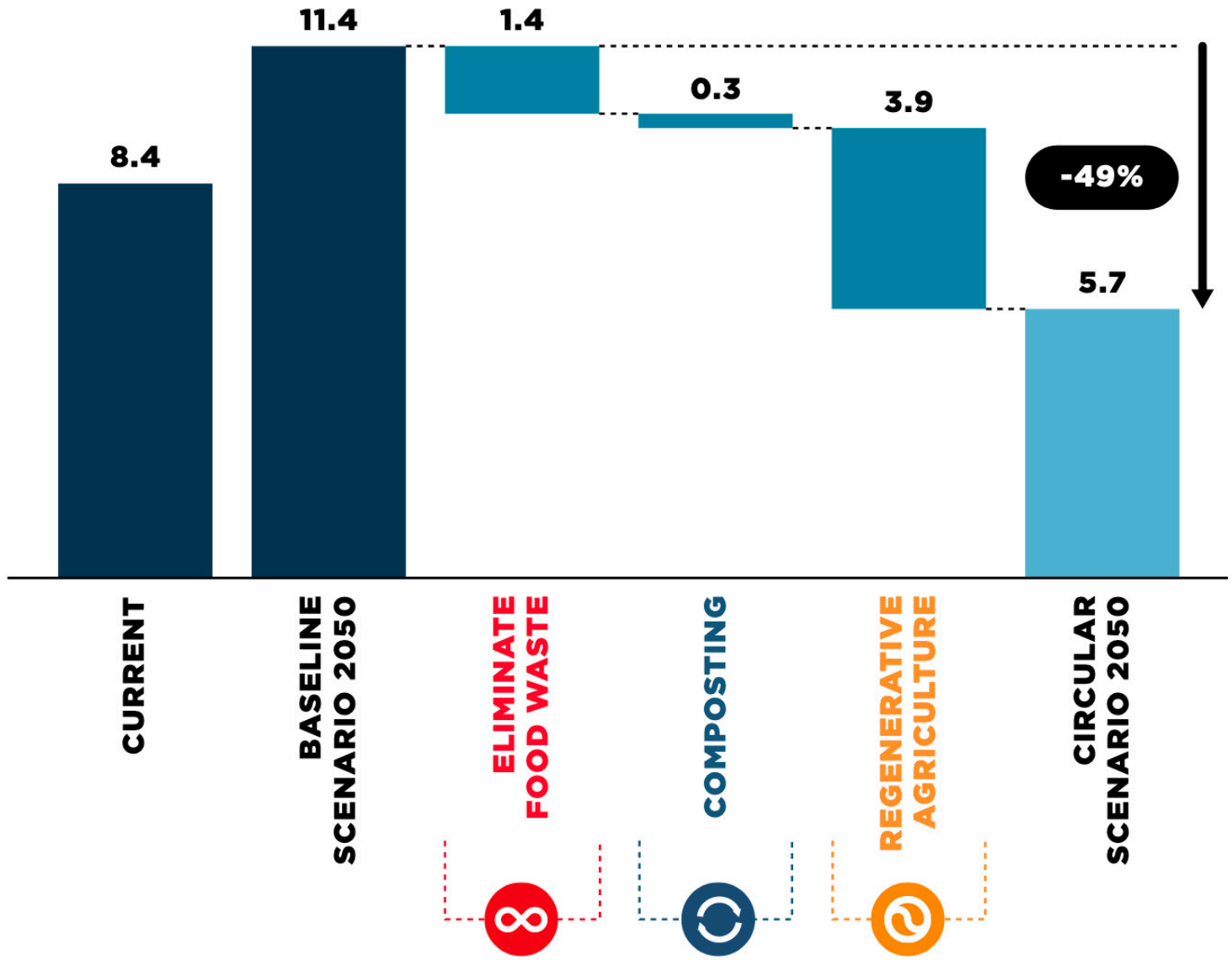
**Emissions from the global food system**
Billion tonnes of $CO_2e$ per year



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> Applying the circular economy in just five key areas (cement, plastics, steel, aluminum, food) can remove nearly half of these remaining emissions

# 9.3 billion tonnes in 2050

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**Equivalent to eliminating current emissions from all forms of transport globally**

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Design out waste and pollution **to reduce GHG emissions across the value chain**

- Designing for circularity
- Eliminating waste
- Substituting materials

Keep products and materials in use **to retain the embodied energy in products and materials**

- Reusing products and components
- Recirculating materials

Regenerate natural systems **to sequester carbon in soil and products**

- Regenerative agriculture


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