



AFRICA 21

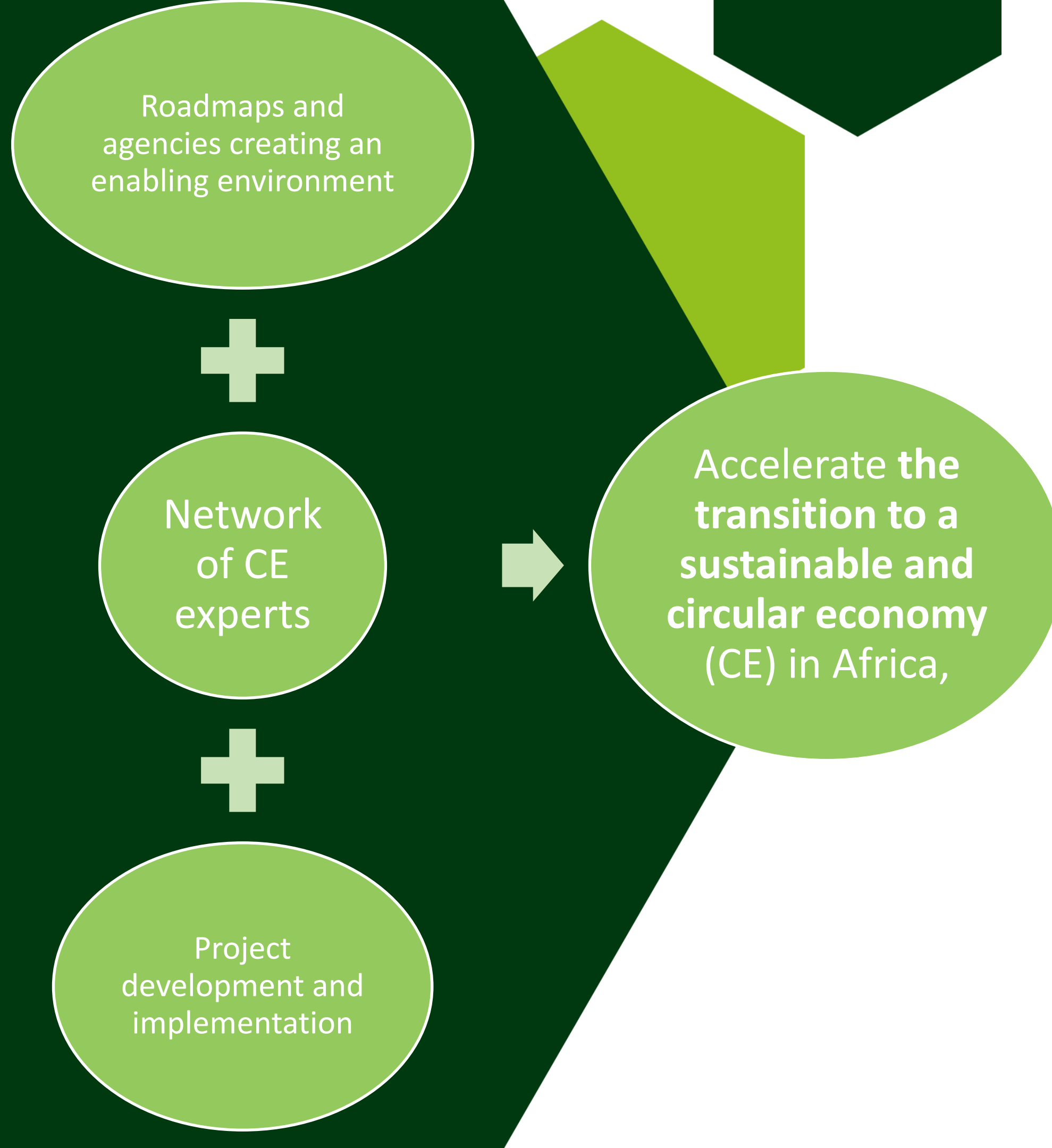
Circular Economy - SDG12

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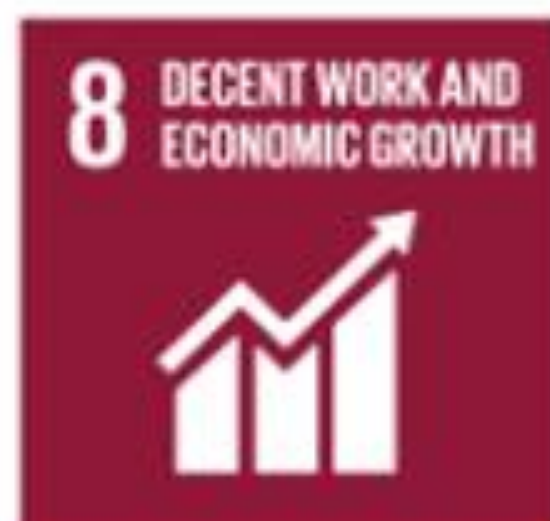


www.acenfoundation.org

- Capacity development in the African continent on every level
- Support and broaden our network of CE experts
- Develop circular economy roadmaps and set up agencies that drive the roadmap implementation Facilitate and implement CE project on the ground



SUSTAINABLE DEVELOPMENT GOALS



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

HIGH-INCOME COUNTRIES

LEAVE A **LARGER ENVIRONMENTAL FOOTPRINT** COMPARED TO

LOW-INCOME COUNTRIES

MATERIAL FOOTPRINT PER CAPITA IN HIGH-INCOME COUNTRIES IS

10 TIMES THAT OF LOW-INCOME COUNTRIES





ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS

DESPITE CALLS FOR

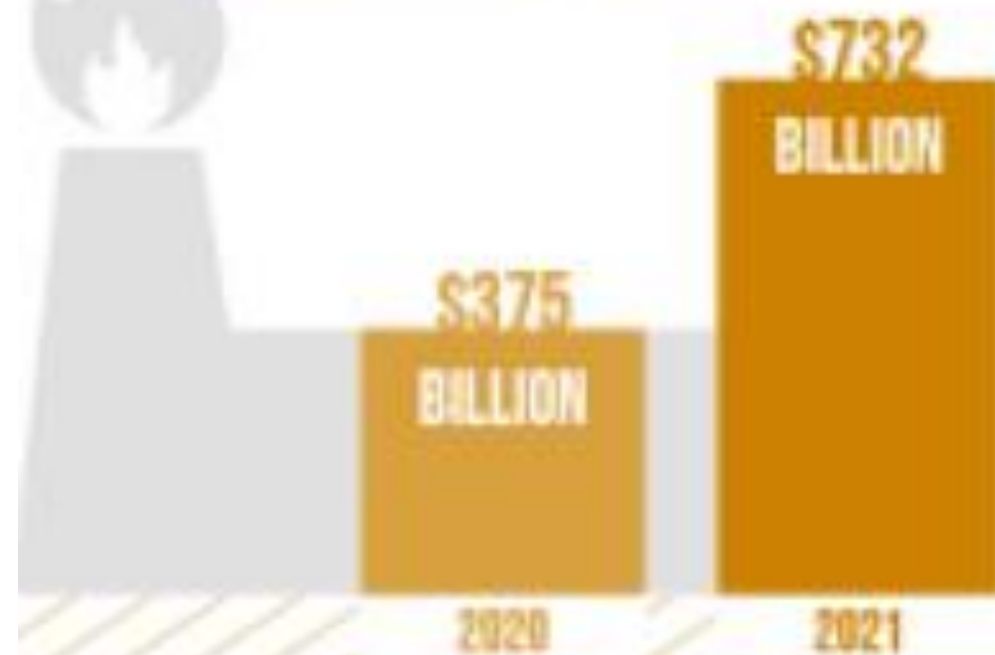
A PHASE-OUT

FOSSIL FUEL SUBSIDIES

RETURN AND NEARLY

DOUBLED, TRIGGERED

BY GLOBAL CRISES



COMPANY SUSTAINABILITY

REPORTING HAS **TRIPLED** SINCE 2016



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION

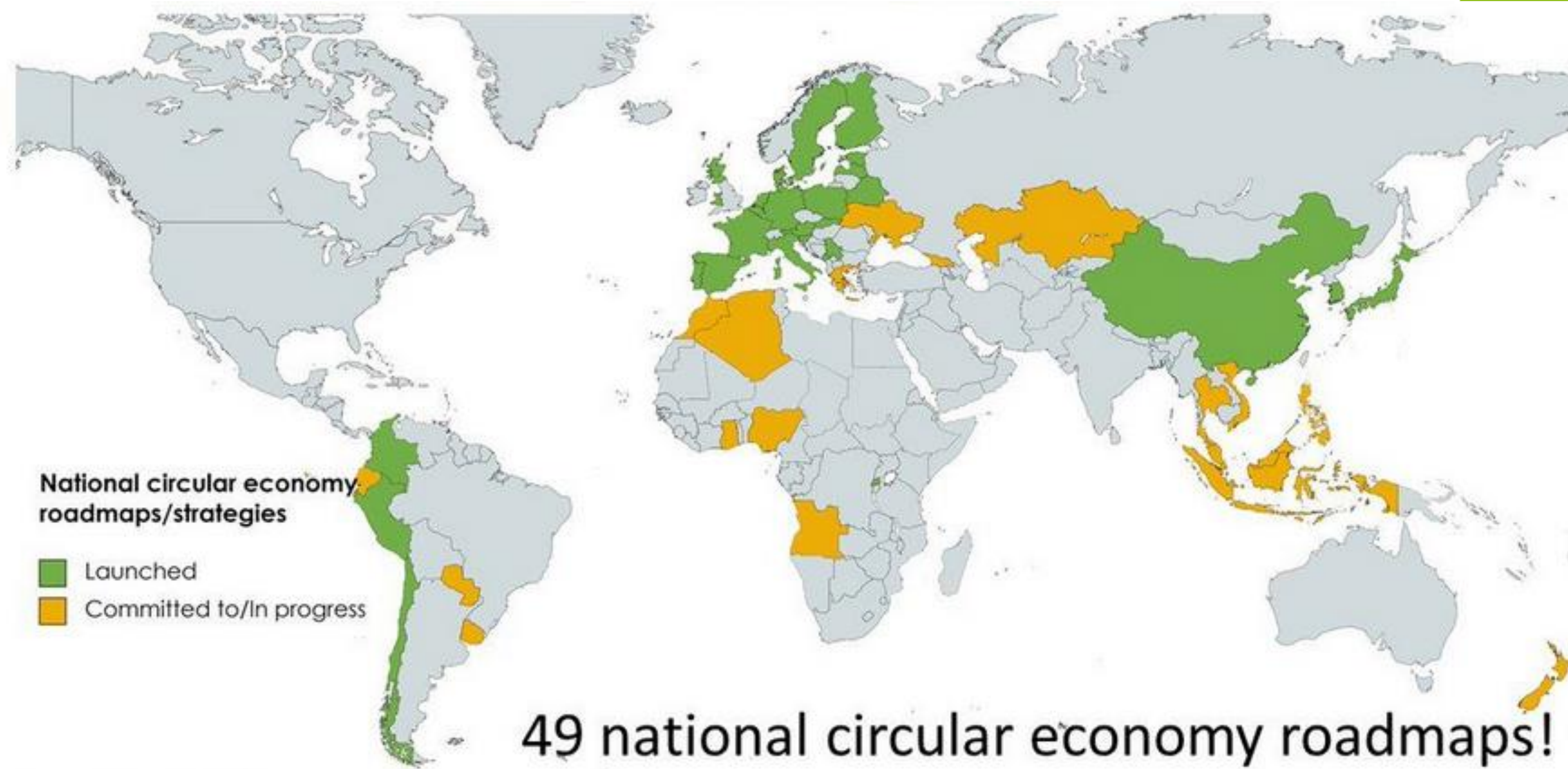


ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



Circular Economy Roadmaps

- **systemic change** towards a circular economy.



(launched or under development)

African Circular Economy Facility (AfDB + ACEA) program for roadmaps
AUC developing the continental roadmap.



SDG 12 - "Ensure sustainable consumption and production patterns"

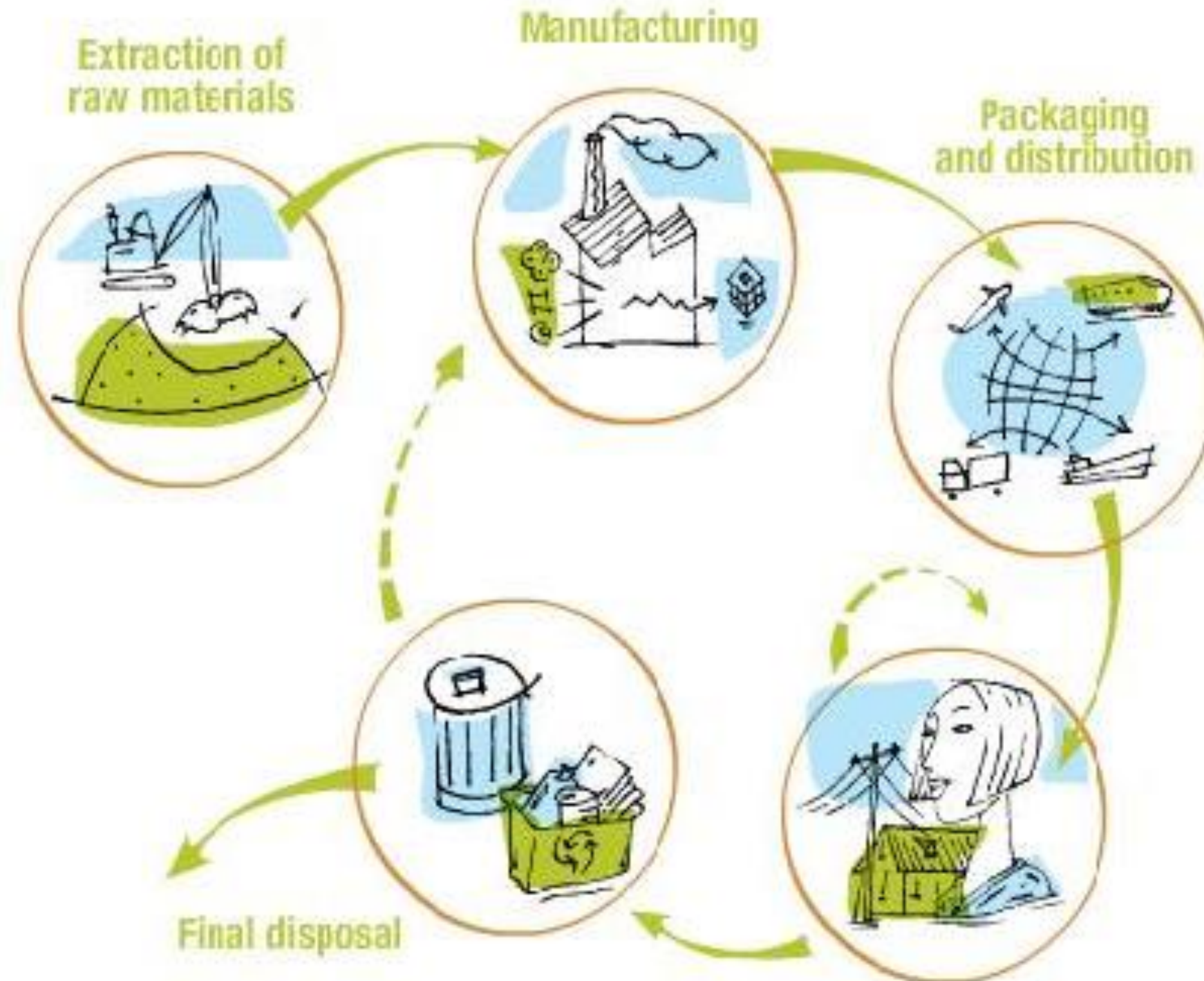


11 targets

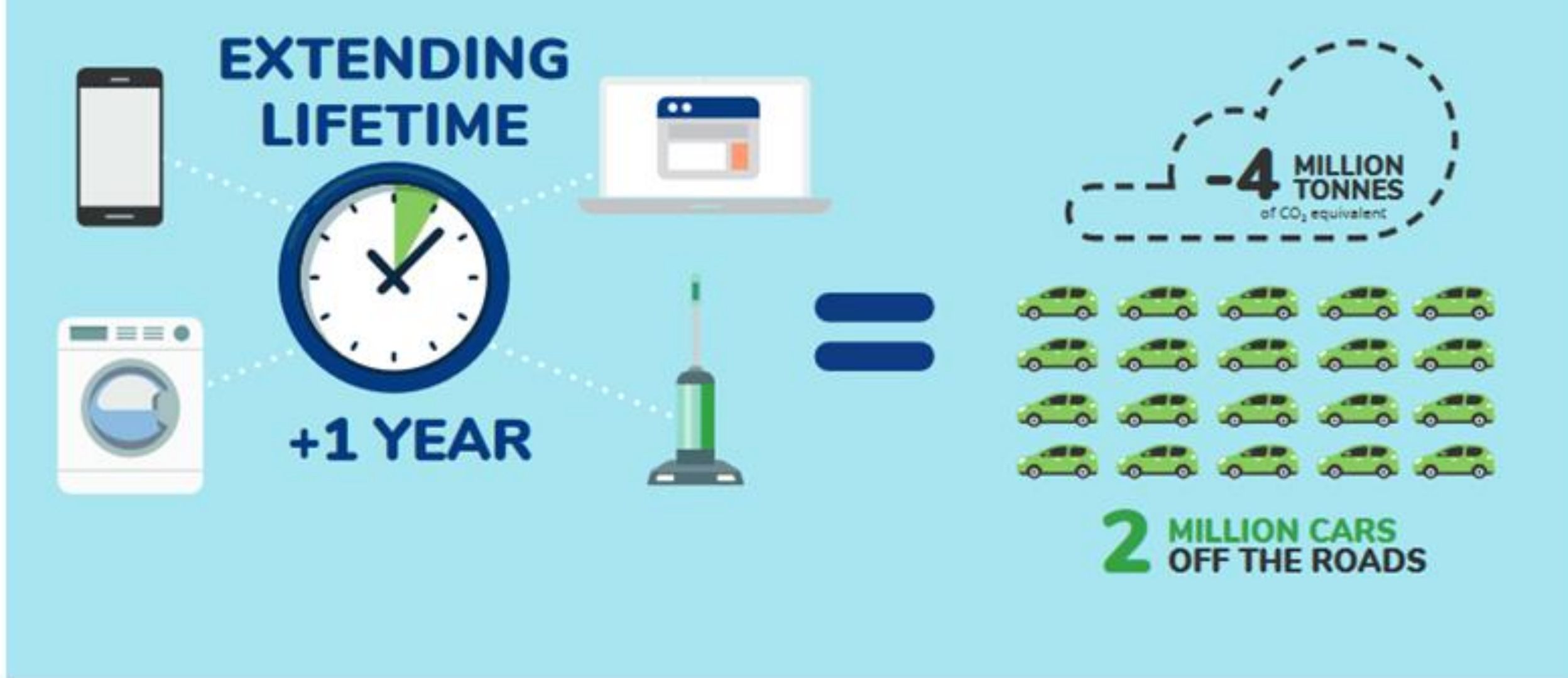
- 12.1 - Policies - national action plans or SCP
- 12.2 - Sustainable management of resources
- 12.3 - Halve global per capita food waste
- 12.4 - Responsible management of chemicals and waste
- 12.5 - Substantially reduce waste generation
- 12.6 - Encourage companies to adopt sustainable practices and sustainability reporting
- 12.7 - Promote sustainable public procurement practices
- 12.8 - Promote universal understanding of sustainable lifestyles
- 12.a - scientific and technological capacity for sustainable consumption and production
- 12.b - Develop and implement tools to monitor sustainable tourism
- 12.c - Remove market distortions that encourage wasteful consumption

Eco-design – untapped potential for products

The life cycle of a product



www.ciraig.org © 2008



Waste collection: Source separation = separate collection

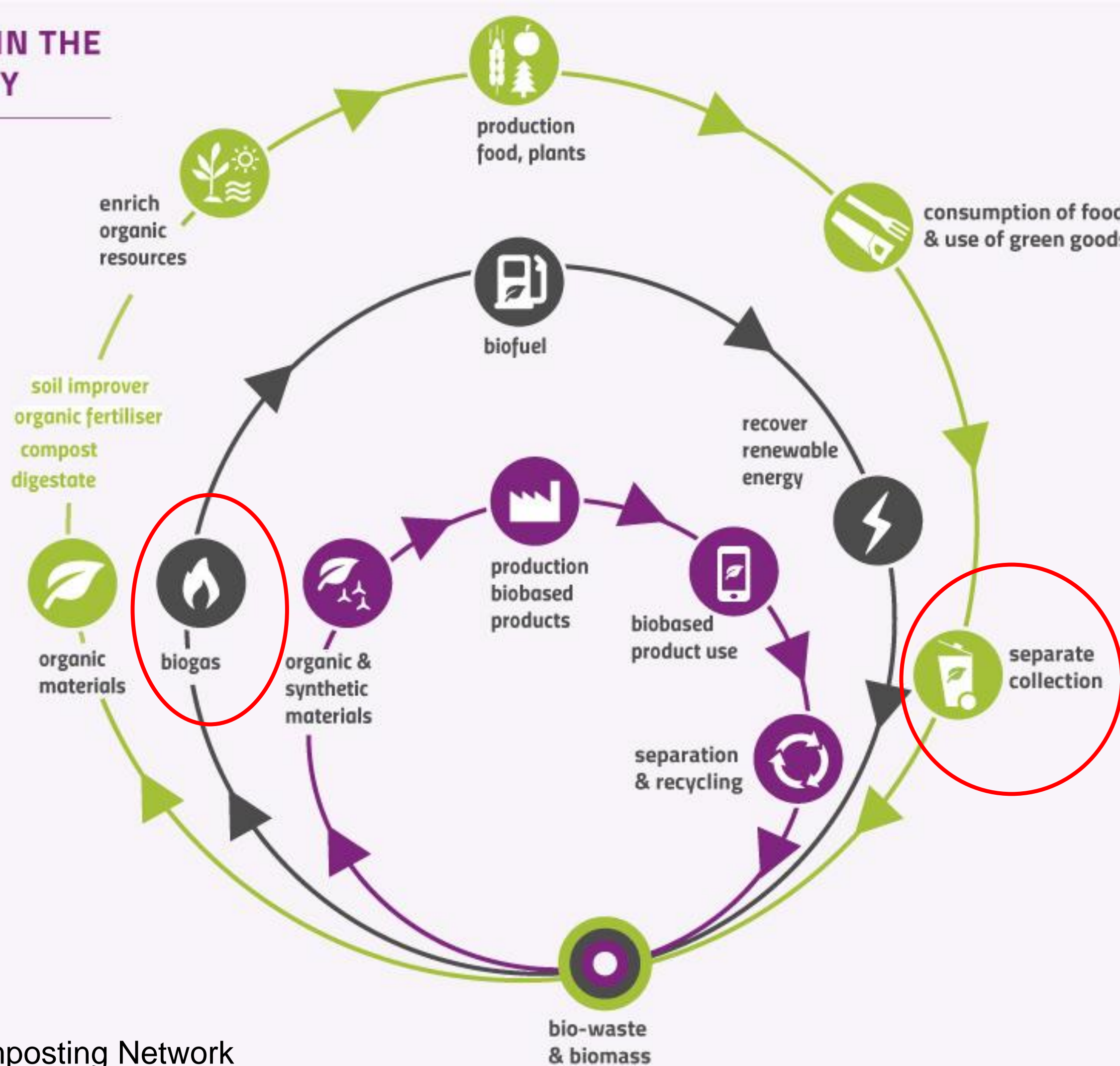


- tise in sep collection
from 19% to 54%

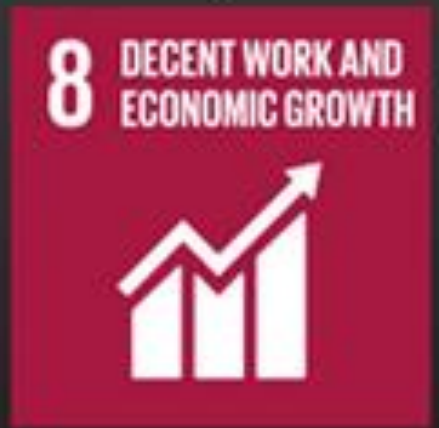
-10 x more biowaste
separately collected
with <1% impurities

- plastic/metal
(packaging and not
only) with < 10%
impurities

BIOLOGICAL CYCLE IN THE CIRCULAR ECONOMY

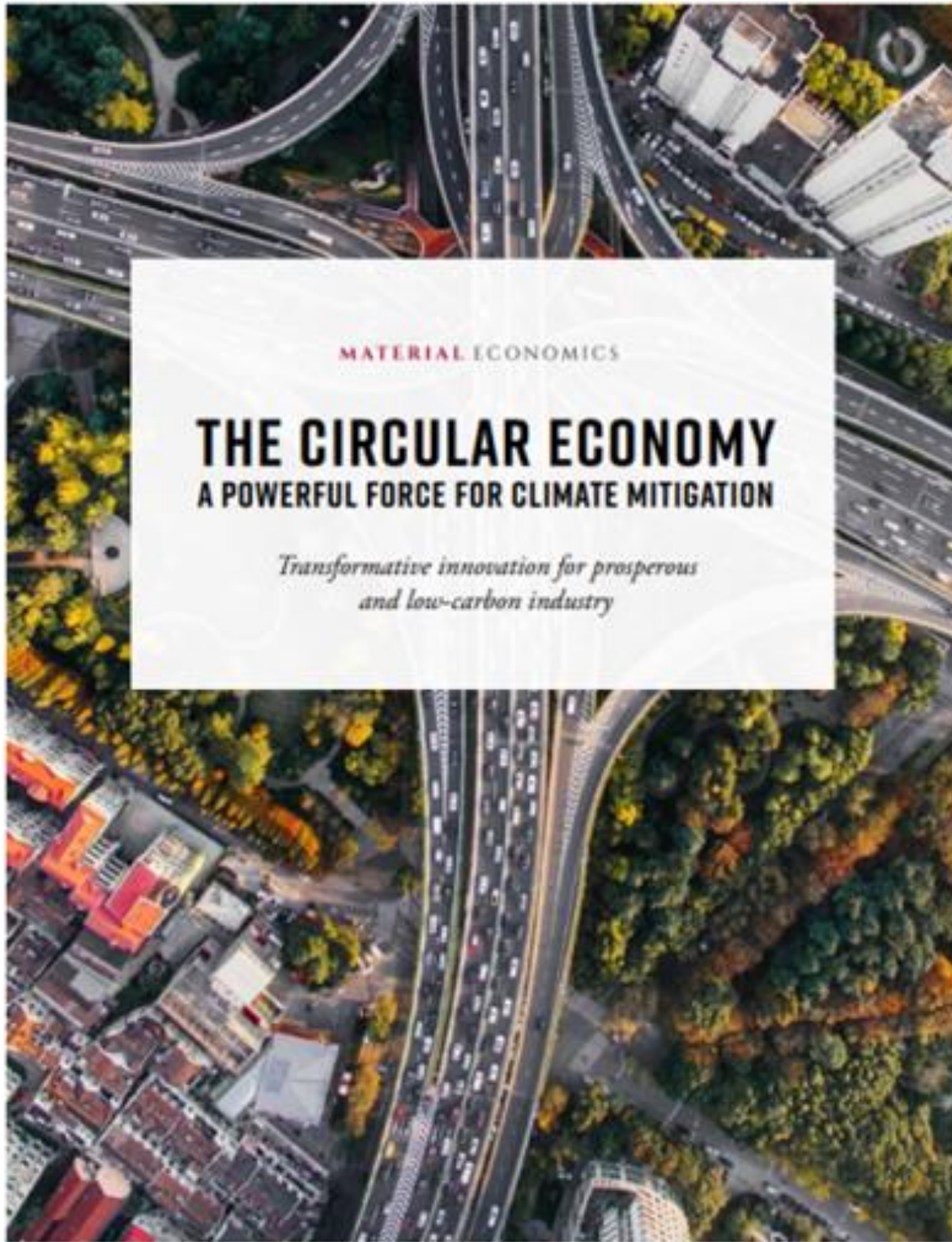


Source: European Composting Network



Biodigesters contribute to nine of the seventeen SDGs (Figure by: ABPP Hivos SNV)

MATERIAL FLOWS: WHY IT MATTERS



COMPLETING THE PICTURE:
HOW THE CIRCULAR ECONOMY
TACKLES CLIMATE CHANGE



COMPLETING THE PICTURE: TACKLING THE OVERLOOKED EMISSIONS

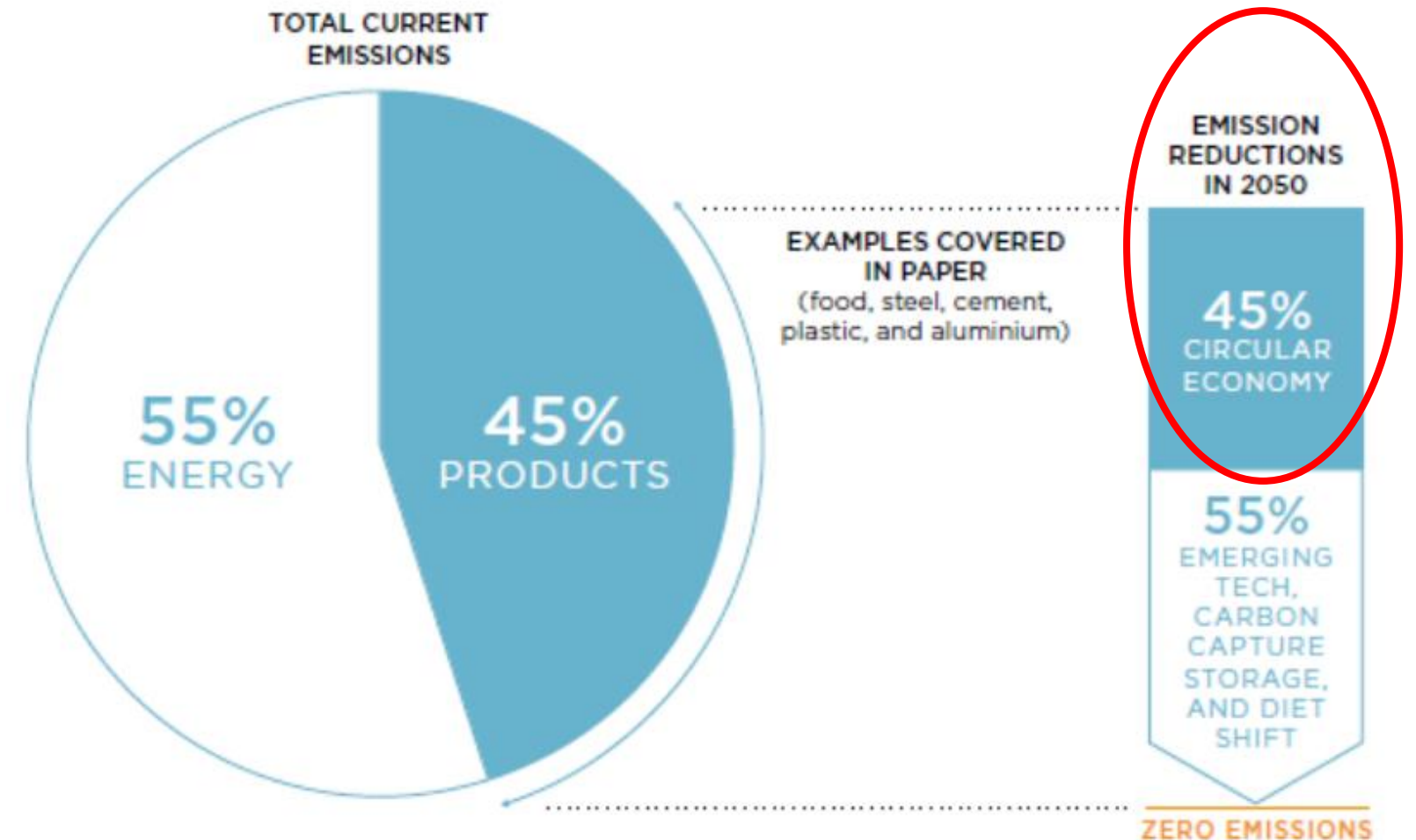
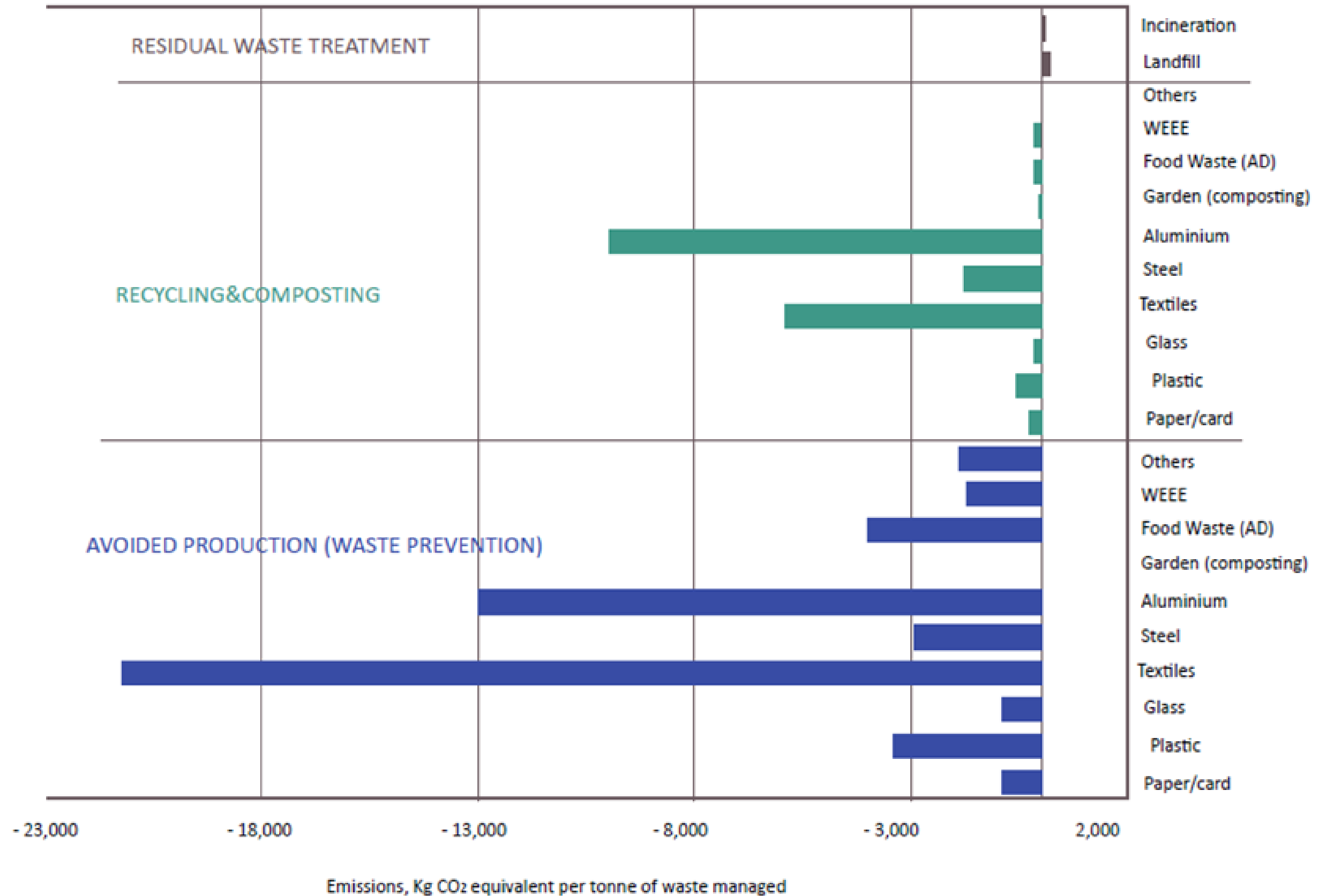
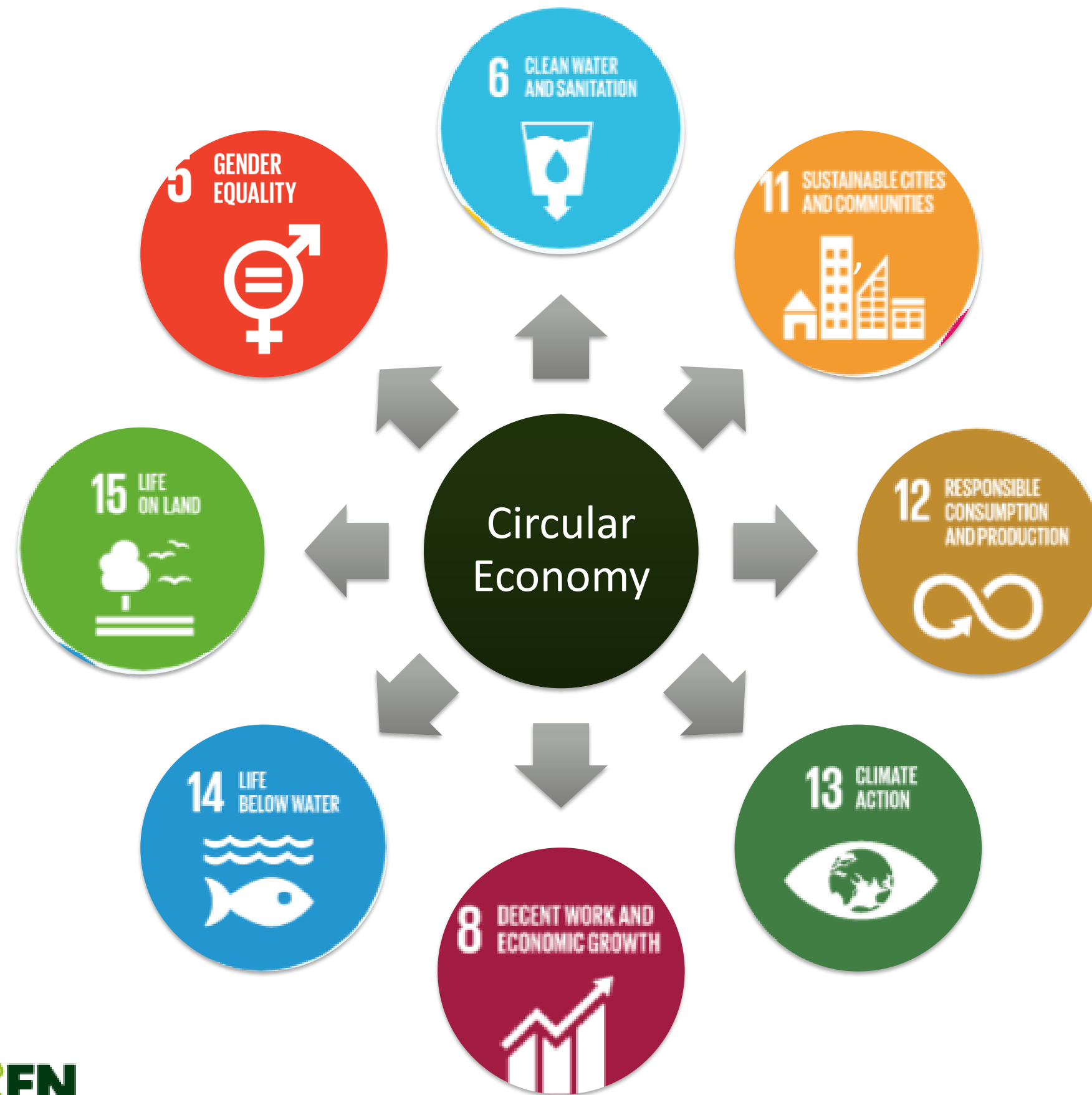


Figure E- 2: Indicative Climate Change Impacts of Key Waste Management Activities (excl. CO₂ from biogenic sources)



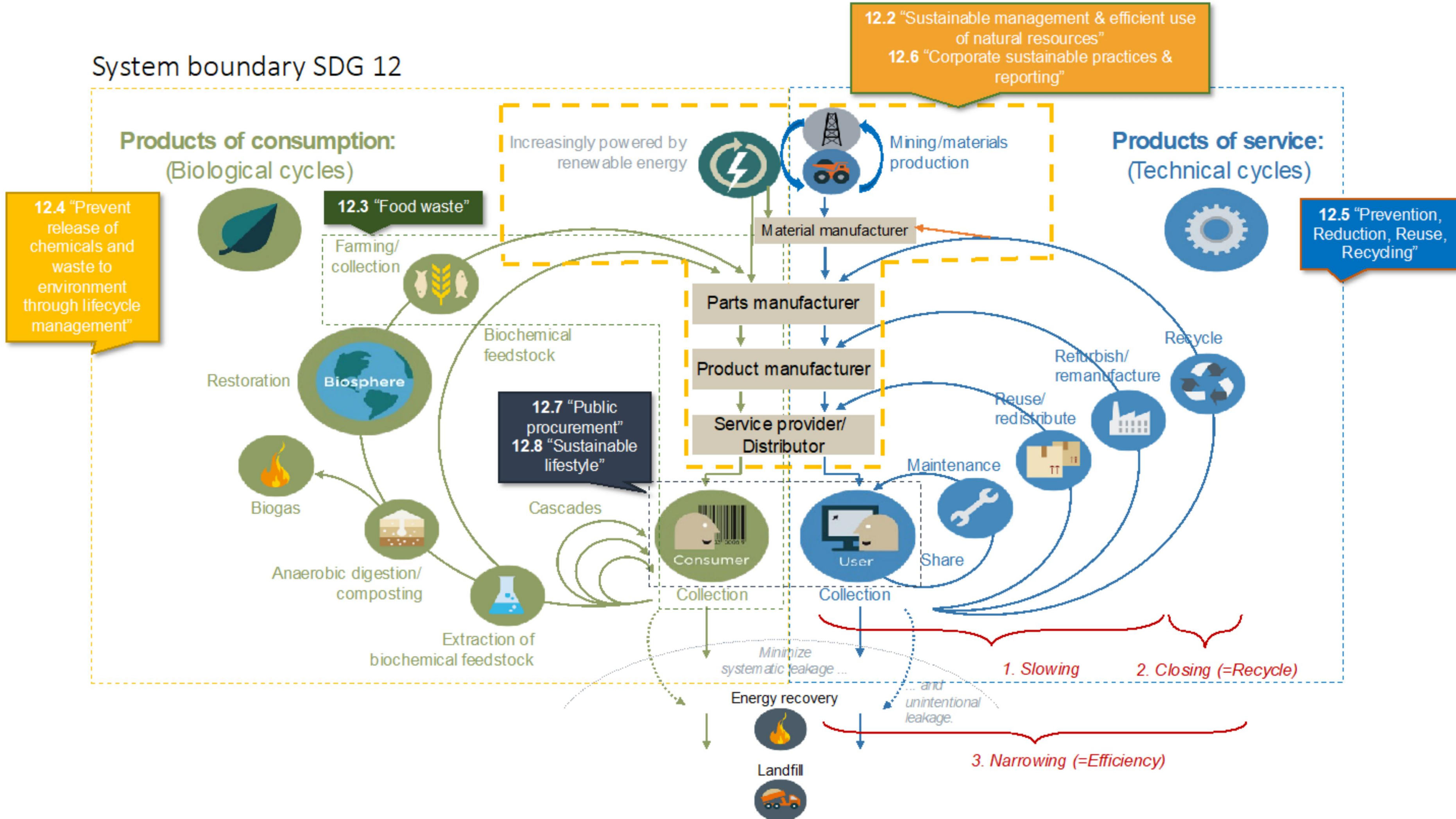
Why Circular Economy



- It addresses the root causes of waste and pollution by designing products and materials for re-use, therefore decreasing the amount of virgin material being used.
- It contributes to at least eight of the SDG's



System boundary SDG 12



Towards an EU circular economy

In a circular economy, **waste and resource use** are minimised

When a product reaches the end of its life, the materials it is made of can be **used again**

This brings major economic benefits, contributing to **innovation, growth** and **job creation**



The **EU Action Plan for the circular economy** covers the whole cycle from production and consumption, to waste management and the market for secondary raw materials



<https://www.youtube.com/watch?v=PTIEOn-6FJQ>



Not only about recycling!

To fit the wider system, circular economy solutions must be filtered by those principles:

- 1. Slow**
(long life of products)
- 2. Small**
(no superfluous waste)
- 3. Local**
(territorial hierarchy)
- 4. Clean**
(no toxic substances)
- 5. Sustainable feedstocks**
(incl. energy to run CE)
- 6. Regenerative**
(downcycling avoided)

Thank you for your attention



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