



Achieving the long-term global goal through circularity: the role of capacity building in the transition to a circular economy

State of the play

Material consumption and CO2 emissions continue on an upward trend

62%

of the global CO2 emissions are released due to material consumption

50%

of the reduction of global C02 emissions must come from actions in the field of material extraction and use

The Circularity Gap Report 2019

The COVID-19 pandemic has brought attention to the underlying vulnerabilities and limitations of existing linear supply chains

Circular economy

Regenerative system in which resource input and waste, emission, and energy leakage are minimized

The world is only 9% circular

Complementary and mutually supportive



Paris Agreement

Current Nationally Determined Contributions' commitments are not enough to ensure the long-term goal



No references to circular economy in over 500 global agreements

Gaps and challenges

The concept of circular economy remains abstract and disassociated from climate actions

Weak national policies and insufficient coordination

Inadequate access to finance, technologies and data

Coherence, synergies and coordination within global initiatives are insufficient

In essence

Lack of awareness and overall knowledge on the synergy linking climate and circular economy agendas

Needs

Capacity building to:

- Improve awareness and knowledge
- Achieve a global consensus
- Build policy frameworks
- Incorporate circular economy into Nationally Determined Contributions
- Build a global coalition for action
- Develop standardized indicators

Findings

Findings arising from the global consultations on circular economy:

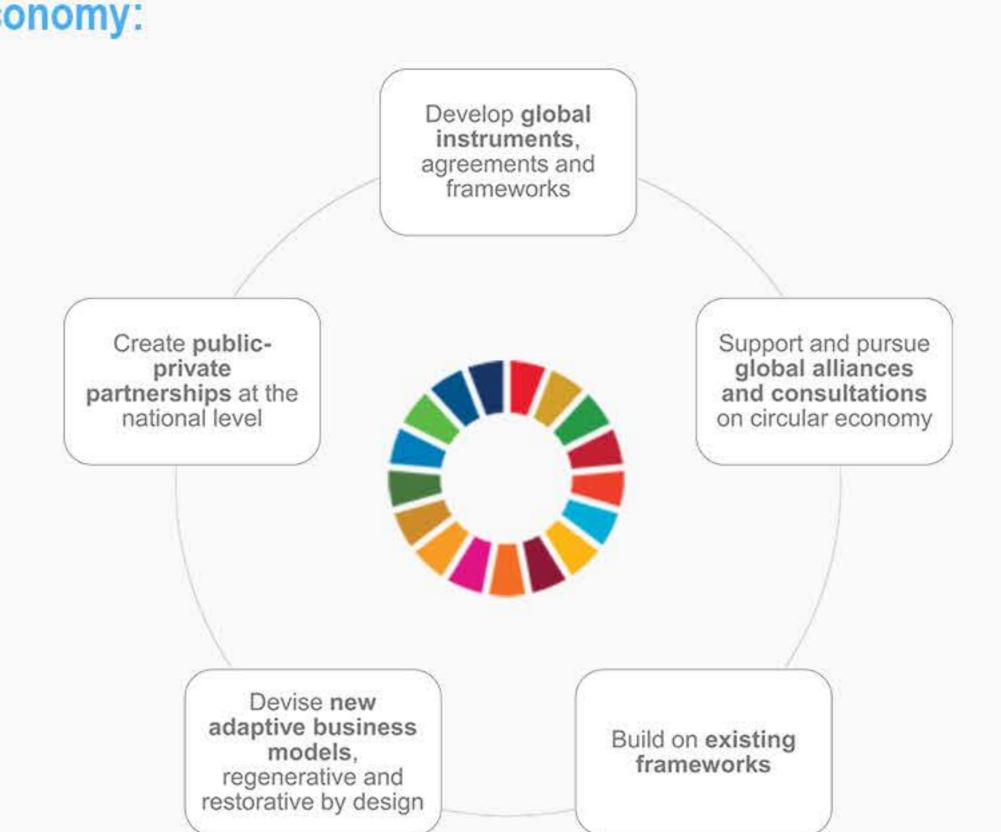
Circular economy offers a promising solution to some of the most pressing global challenges

Actions are required to build regulatory frameworks

Capacity building will be a key leverage to enhance shift into a circular economy

Proposals

Proposals arising from the global consultations on circular economy:





"As we are all aware, the urgency for implementing new forms of economy arises from our understanding and recognition that the biophysical resources of our planet are limited, but our consumption of natural resources is growing rapidly"



H.E. Ms. Leonore Gewessler Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Austria, and Co-Chair of the global consultations on circular economy

Succesful examples:



Mitigates incumbent environmental and human risks related to the production of goods



Identifies industrial synergies to ignite circularity and channel investments towards prioritized sectors



Regional initiative aimed at accelerating the shift towards sustainable consumption and production patterns by promoting circular economy approaches

Action on the ground **UNIDO:**

Promotes circular economy as a model

Builds capacity and fosters the creation of green expertise

Advises policy makers

Assists technology transfer

Co-launches Global Alliance on Circular Economy and Resource Efficiency

Convenes global consultations on circular economy

