



Capacity Building Workshop on Circular Economy in Agriculture and Water Sectors
Amman, Jordan, 28-29 October 2024

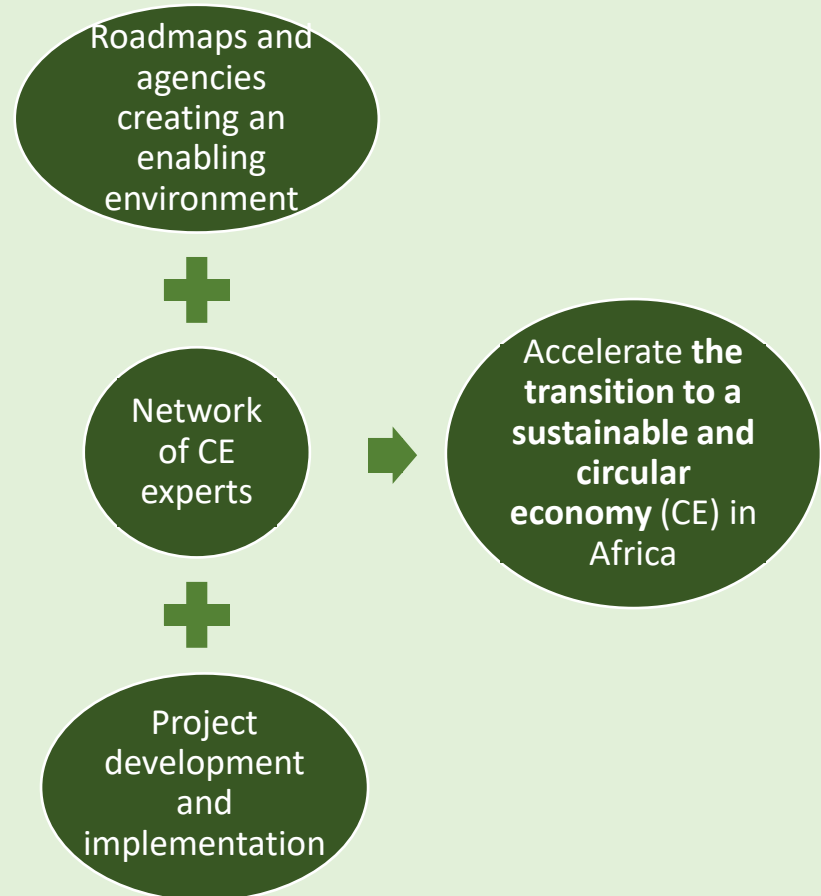
Developing a Step-by-Step National Action Plan for Circular Economy
29 October 2024



African Circular Economy Network Foundation



- Accelerate the just transition to an inclusive, circular and sustainable economy in Africa.



Principles to Policies



Principle 1: Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows

- **Increase material efficiency:** Increase efficiency in product manufacture or use by consuming fewer natural resources and materials
- **Reduce service level:** Make product redundant by abandoning its function
- Substitute a technical solution by a more material-efficient one
- **Substitute a technical solution by a more material-efficient one**
- **Increase share of renewable materials**
1) the shift to renewable energy and materials; 2) the reclaim, retain, and regenerate ecosystem health and return recovered biological resources to the biosphere.

Principle 2: Circulate products and materials as their highest values

- **Make product use more intensive** (e.g. through product-as-a-service, reuse and sharing models or by putting multi-functional products on the market)
- **Increase lifetime**
 - **Re-use** of a product which is still in good condition and fulfils its original function (and is not waste) for the same purpose for which it was conceived
 - **Repair:** Repair and maintenance of defective product so it can be used with its original function
- **Rethink (design)**

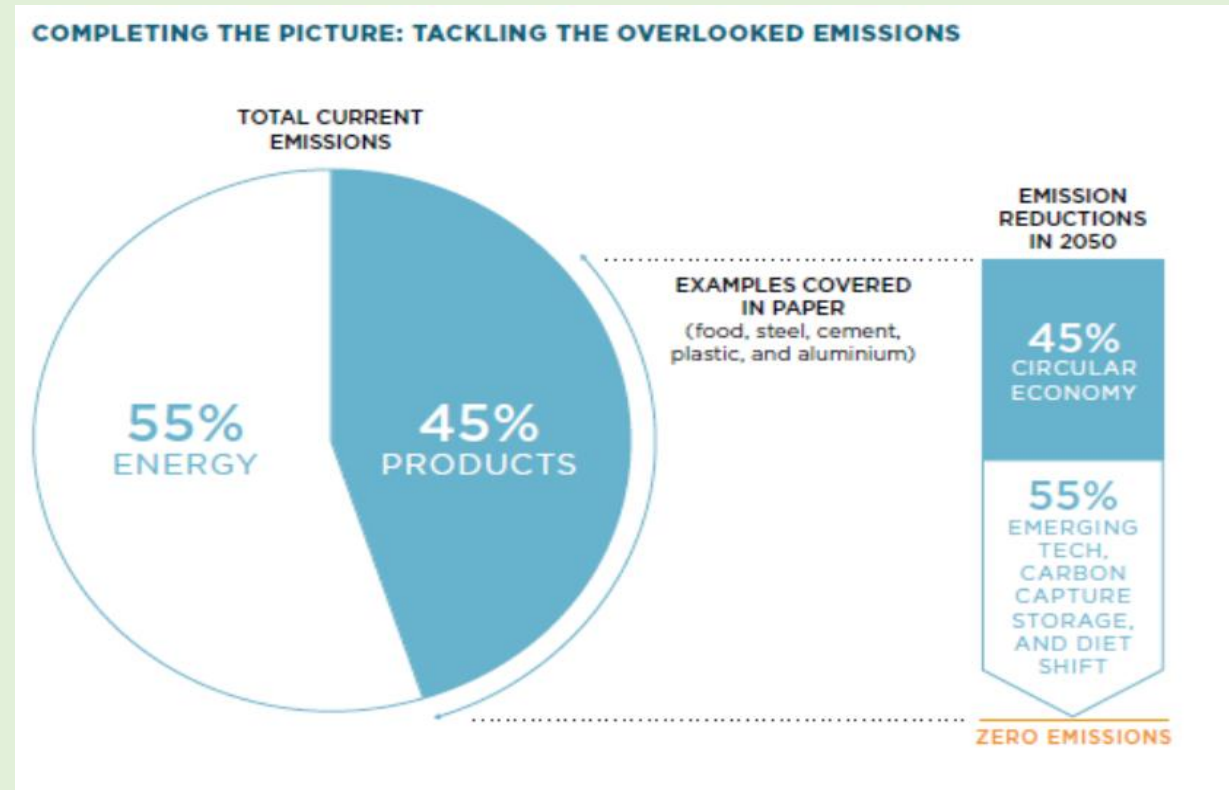
Principle 3: Eliminate waste and pollution

- **Increase share of secondary materials.** Recover materials from waste to be reprocessed into new products, materials or substances whether for the original or other purposes.

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This vision can only be achieved through a life-cycle approach by taking a **holistic view of economic activities** and looking at **the whole value chain**, as part of a circular economy



Source: Ellen MacArthur Foundation, 2019, Completing the picture: How the circular economy tackle climate change.

Circular Economy Action Plans



The circular economy (CE) paradigm is increasingly considered as a means for **governments and businesses to mitigate the negative impacts of the linear economy and bring more resilience to supply chains.**

- The principles of a circular economy affect nearly all industries and their global value chains.
- Addressing sectors that have a high environmental impact and high potential for circularity can provide **opportunities for investment and economic growth**
- It becomes evident that production patterns must change rather sooner than later in order to:
 - (i) contribute to social, economic and environmental value creation and
 - (ii) prepare for and adhere to changes of existing regulations towards more circular business and trade activities.
- **Planning for circularity**

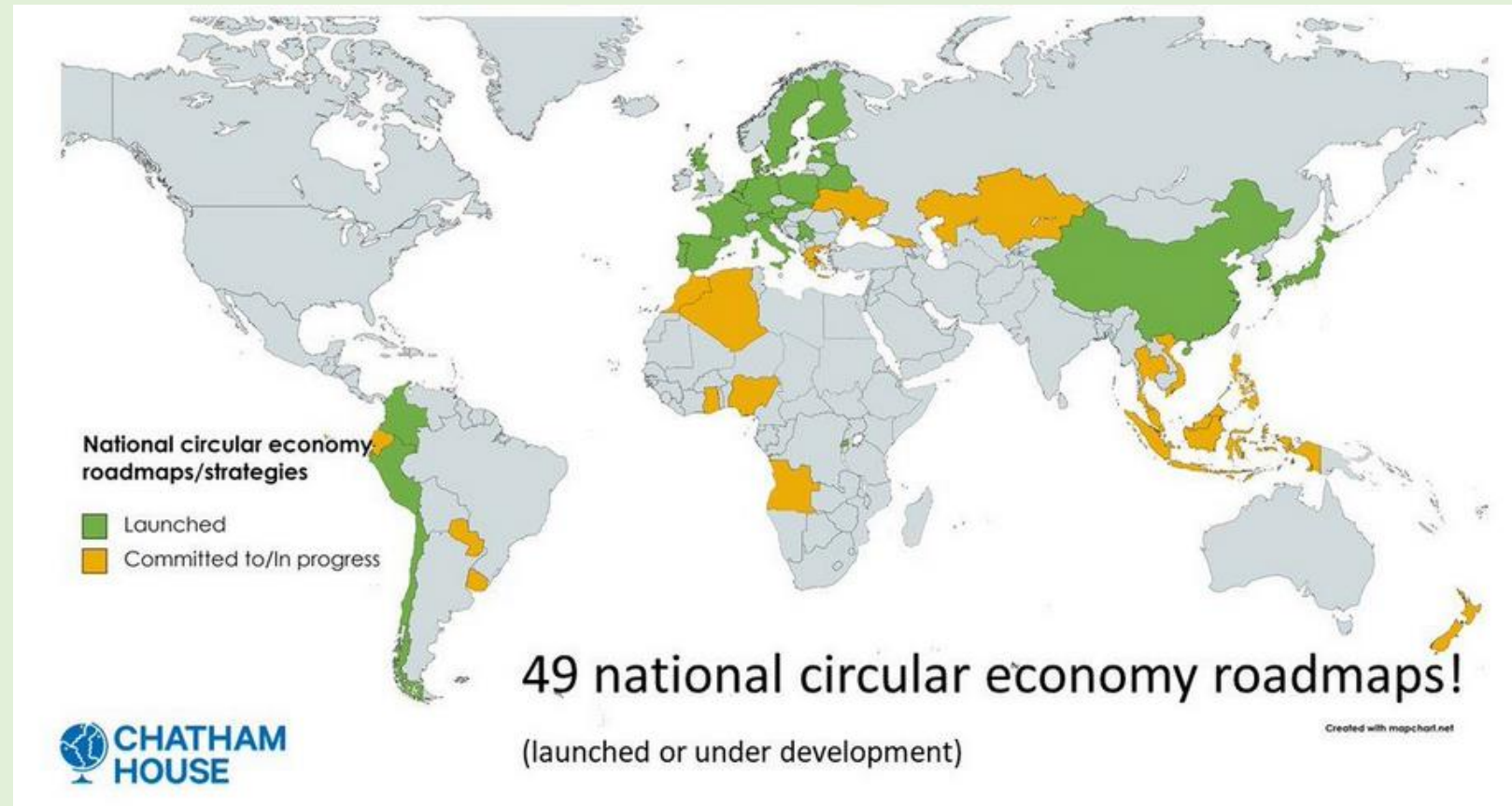


Source: UNEP, 2022, Responsible investment and closing the loop

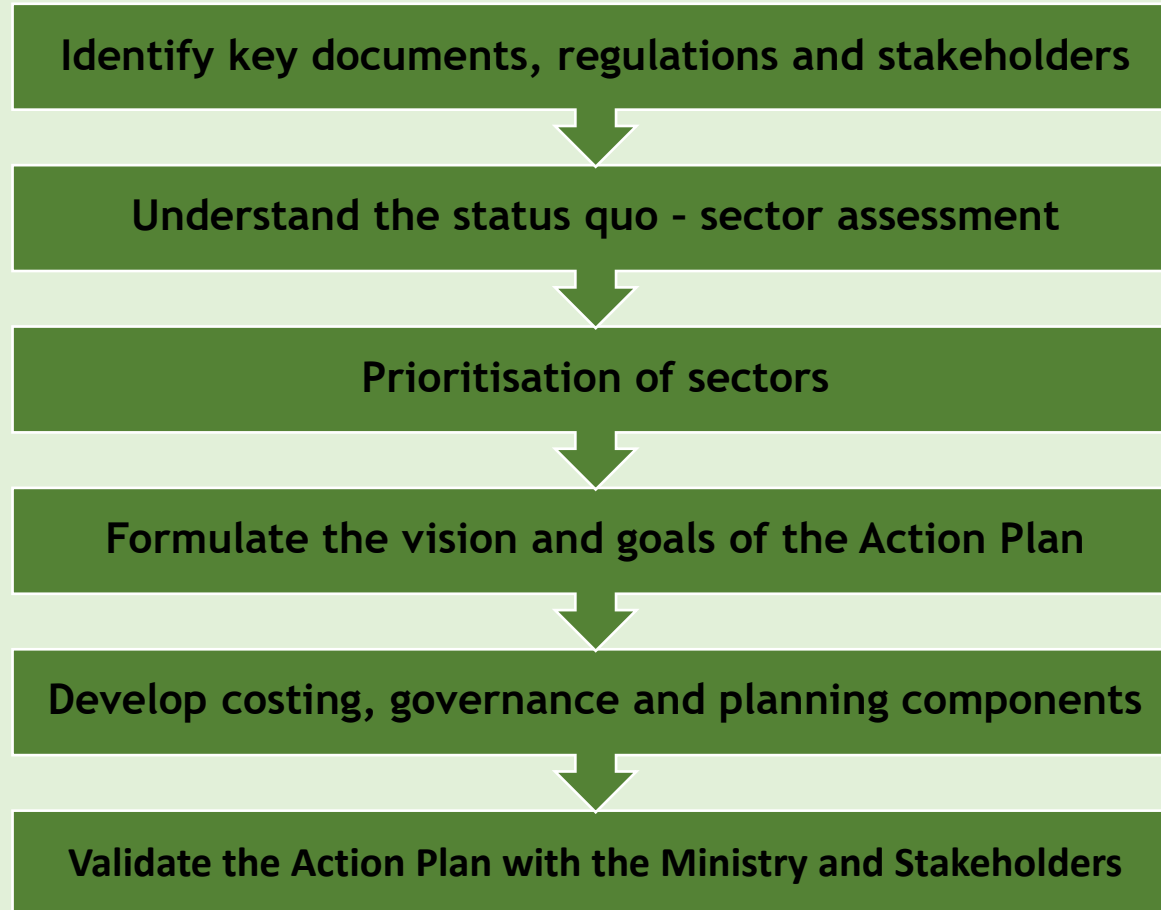
Circular Economy Action Plans



The EU and its Member States (MSs) have made it a policy priority to shift from the current linear economy to a “*carbon-neutral, environmentally sustainable, toxic-free and fully circular economy by 2050*”. European Parliament (2022)



Our Methodology



- Create a common mindset and **ownership by the stakeholders**
- Ensure inclusivity (all perspectives taken into account and analysed A stakeholders mapping and a plan, developed together with all the stakeholders (inclusivity), led by governmental authorities (leadership embedded in law) with the concrete and practical solutions tailored to the countries' unique context
- Set up a **timeline**
- Strengthen **policy, regulatory and financial incentives** in all potential CE sectors (waste, construction, water, agriculture, manufacturing, etc.)
 - Support life cycle assessments and **cost-benefit analyses** to make a comprehensive, long-term economic case for circularity
- Support the **identification of "hotspot" sectors** of unsustainable consumption and production and associated circular economy opportunities

Our Projects



For the African Union Commission and financed by the European Union

- **Snapshots on the national context** of the circular economy in all the African countries
- **Regional snapshots** on the circular economy
- Vision and mission of the Action Plan
- **Policy goals and actions for 10 priority sectors and 3 cross-cutting priorities**
- **Institutional arrangements, governance and resource mobilization strategy**

Workshops on Action Plan with government representatives from African member states:

- 1st workshop in Mombasa: **Attended by 33 representatives from 21 African countries**
- 2nd workshop in Addis Ababa: 3-4th of October 2023 **Attended by 42 from 27 African countries.**



Our Projects



Track record in relevant European and African projects

- CEAP for Romania, EC DG Reform, 2023
- CE Strategy for Hungary, OECD, 2022
- CE Strategy for Slovakia (construction), OECD, 2021
- Sustainable Product Policy Initiative (ESPR), EC, 2022
- CEAP for Rwanda, UNDP, 2021
- CE Strategy for Cote d'Ivoire, UNIDO, 2022
- CE Strategy Tunisia (waste), UNDP, 2022
- CEAP for Ghana, EU DEL, 2022
- CEAP for Nigeria, EU DEL, 2023
- CE business opportunities in Senegal (waste and plastics), RVO, 2021
- CE business opportunities in Zambia, AGS, 2022
- CE Market study (agriculture), Benin, RVO, 2022
- Continental CEAP AUC, EU DEL, 2023
- Multi-country CE Roadmaps for Benin, Chad, Cameroon, Uganda, Ethiopia, AfDB, 2024
- Regional CEAP IOC and African Island States, 2024
- CE Strategy and Action Plan Egypt, 2024



Many thanks for your attention & contributions!



CE Expert and Regional
Coordinator (Arabic-Speaking
Countries)

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