



Climate Change and Sustainable Energy (CCSE) Partnership



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Climate Change and Sustainable Energy Partnership



- Launched at the highest political level (November 2017, Abidjan, Ivory Coast)
- AU and EU leaders commitment to continue **working together** based on the principles of mutual trust and shared interest
- It is based on roadmap composed of 2 elements:
 - **Climate Action for adaptation and mitigation**
 - **Sustainable energy**



Climate Change and Sustainable Energy Partnership: Drivers



- Understanding the climate risks
- Delivering knowledge to support adaptation and mitigation measures
- Europe existing strong contribution to climate change and to the transition to a sustainable energy production
- Existing policy drivers:
 - **UN Sustainable Development Goals, « Affordable and clean energy (7) » and « Climate action (13) »**
 - **Paris agreement – COP21 2015**
 - **EU climate and energy union packages**
 - **AU Vision 263, the AU Science, Technology and Innovation Strategy for Africa 2024**
 - **Africa-EU Statement on Climate Change 2014 and the Africa-EU Renewable Energy Cooperation Programme (RECP)**



Climate Change and Sustainable Energy Partnership: The mandate



- To work towards a **long-term, jointly funded and co-owned** partnership
- Its added-value will be in **pooling** a critical mass of **national** and **international resources** (in-kind and in-cash).
- Its **roadmap** highlights that the partnership shall have a **long-term framework for cooperation on R&I** for jointly-funded and co-owned climate and energy actions, and will **boost the alignment and consolidation** of relevant **R&I activities**
- It aims to have a **catalytic role**, building on existing initiatives between the AU and EU
- Activities criteria:
 - **Relevance of the research domain to African and European priorities for CCSE (the joint research and innovation needs, as identified below;**
 - **Expected impact of research and likelihood of uptake of solutions by communities;**
 - **Capacity for joint research in both African and European scientific communities, involving comparable and complementary expertise and resources;**
 - **Scalability of R&I impact at national or regional scales (or cross-continent);**
 - **Complementarity to existing bilateral and multilateral collaboration.**

CCSE Implementation: Projects (1/5)



European
Commission

- ❑ Horizon 2020 topic (1M€) on energy efficient solutions for urban areas in Africa
 - ❑ **1 project financed: ABC 21**

- ❑ Horizon 2020 topics to launch a programme of joint R&I activities on renewable energy
 - ❑ **2018: 1 preparatory phase – project PRE-LEAP-RE (End of October 2019)**
 - ❑ **2020: Topic opened for the implementation phase – Project LEAP-RE (Started in October 2020)**

- ❑ Horizon 2020 European Green Deal: Demonstration topic on renewable energy
 - ❑ **5 projects financed: SESA, SOPHIA, ENERGICA, STEAMBIOAFRICA, REFLECT AFRICA**

- ❑ Horizon Europe: WP2021 – 2022
 - ❑ **Energy-Water-Food nexus modelling and energy system modelling: 4 projects funded and 1 project under grant preparation**
 - ❑ **1 project financed on Clean Hydrogen JU: JUST GREEN AFRH2ICA**

- ❑ Horizon Europe: WP2023 – 2024
 - ❑ **Topic on Accelerating the green transition and energy access in Africa (IA): 58 proposals under evaluation**
 - ❑ **Topic on Needs-based adaptation to climate change in Africa (RIA)**
 - ❑ **Topic on Africa-EU CO-FUND action (Co-fund action): deadline 16/01/2024**

CCSE Implementation : Projects (2/5)



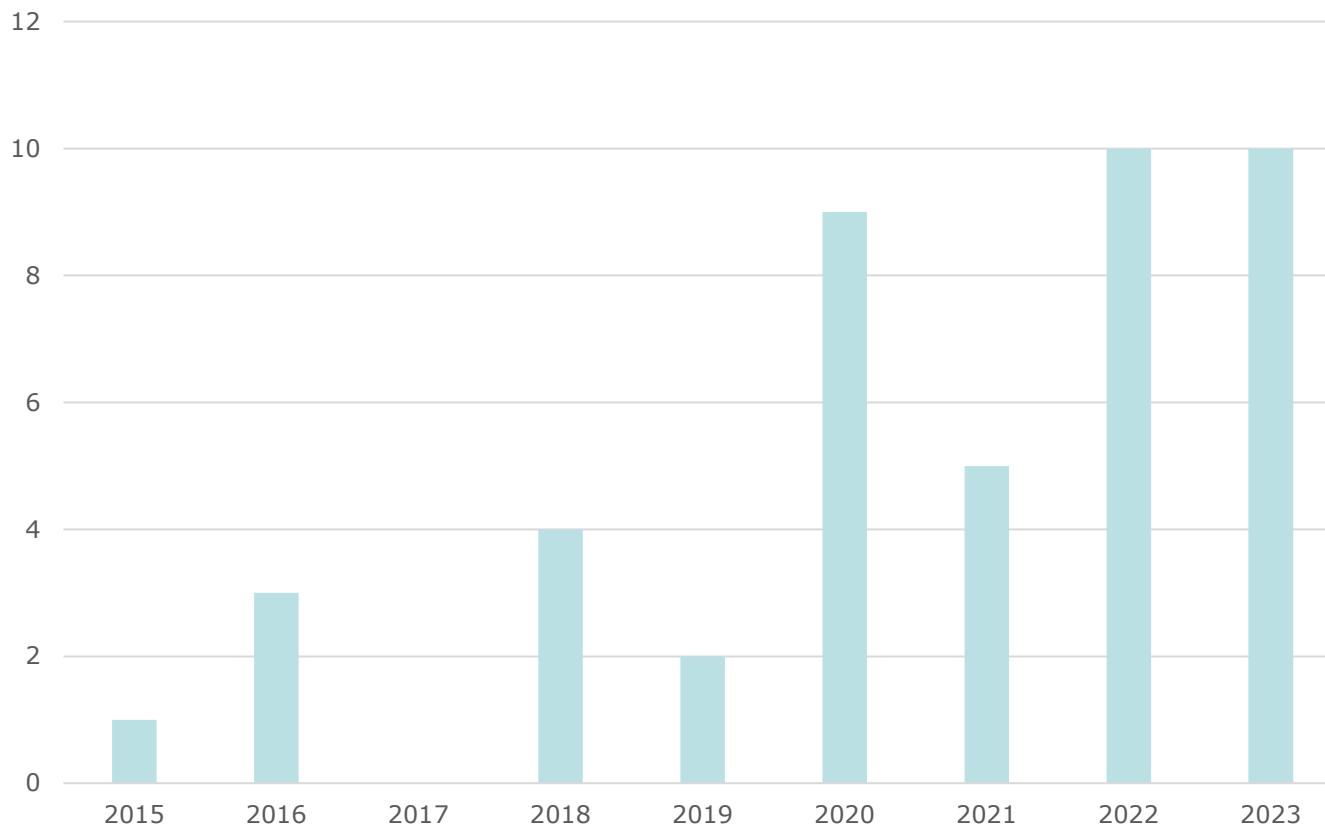
- ❑ Total number of projects: **57**
 - ❑ **34 since 2017 from EU calls :**
 - ❑ 14 on climate services and 20 on sustainable energy
 - ❑ 23 from topics not requesting African participation
 - ❑ **23 from LEAP-RE calls**

- ❑ Participation
 - ❑ **184 African organisations, 30 African countries**
 - ❑ **679 European organization, 26 European countries**

CCSE Implementation : Projects (3/5)



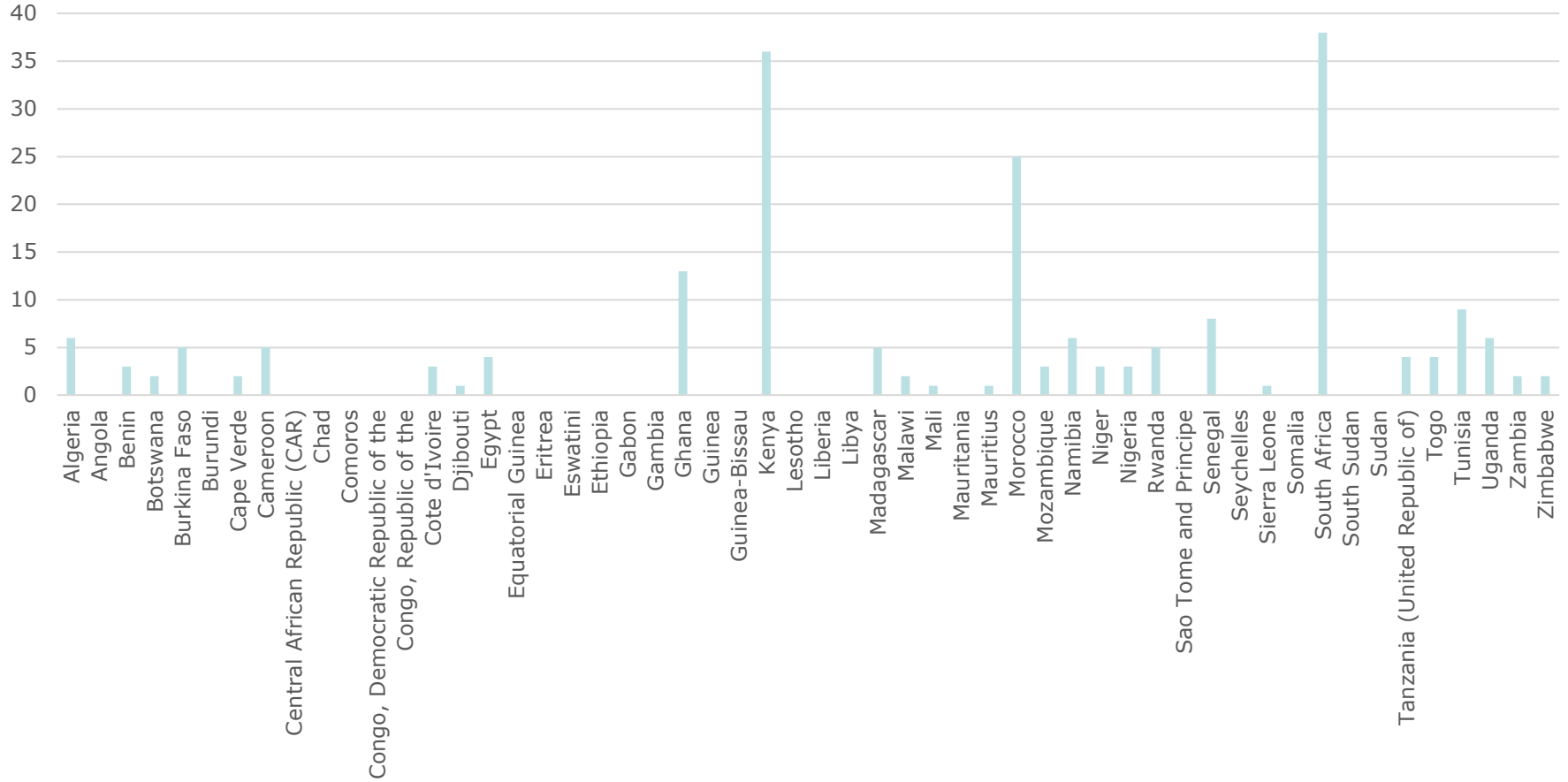
Nbre Project per starting year



CCSE Implementation : Projects (4/5)



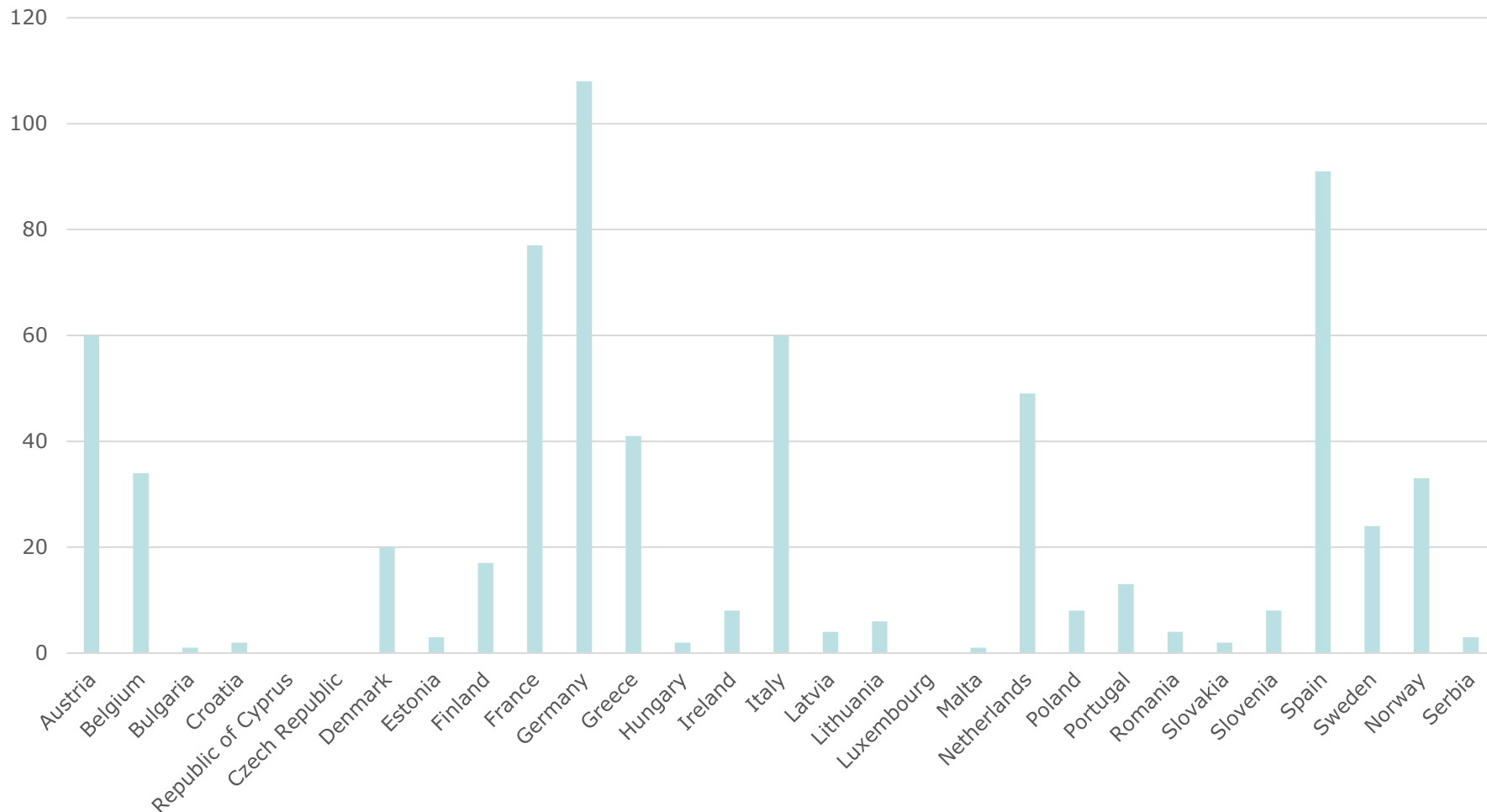
Participants per African country



CCSE Implementation : Projects (5/5)



Participants per European country





- ❑ Establishment of a CCSE expert working group in 2020
 - ❑ **2 workshops organized: February 2021 and September 2021**
 - ❑ **Monitor and advise the implementation**

- ❑ Areas identified from the workshops
 - ❑ **Knowledge & research**
 - ❑ **Technology development and demonstration & innovative markets**
 - ❑ **Capacity building, social sciences, humanities & resilience behaviour**
 - ❑ **Good governance and policies**

CCSE Implementation: Coming

- Virtual Information Session on 17/10/2023
 - <https://research-innovation-community.ec.europa.eu/events/4MjD45QEP6eLsP9j3MCEOc/overview>
- Horizon Europe Work-Programme 2025
 - To be published in Q1 2025
- Contribution to the AU-EU Innovation Agenda
- Beyond 2025



Funding & Tender Portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>



Horizon Europe – Evaluation Experts



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Horizon Magazine: @HorizonMagEU

Horizon Europe website: <http://ec.europa.eu/horizon-europe>

European Innovation Council: <http://ec.europa.eu/research/eic>

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