

# Africa Climate Resilient Investment Facility (AFRI-RES)



First Ordinary Session of the African Union  
Specialized Technical Committee on Transport,  
Intercontinental and Interregional Infrastructures,  
Energy and Tourism

**Presented by Monga Mehlwana**  
**Regional Integration & Trade Division**



# The challenge

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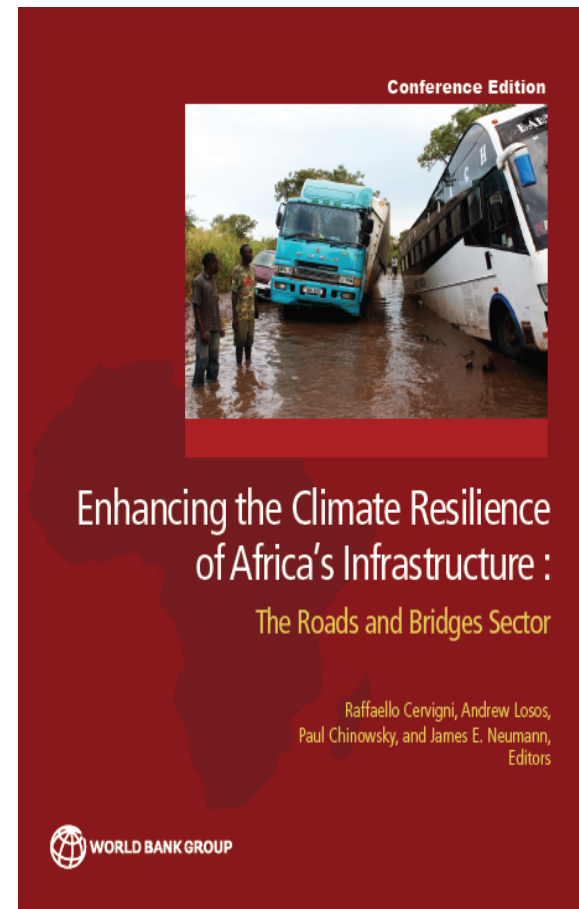
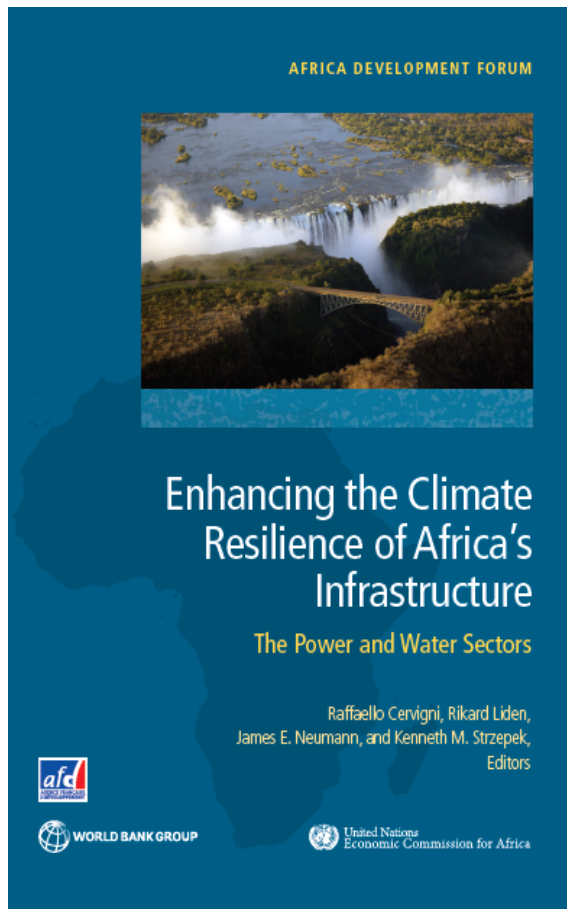
**MAKE “GOOD”  
INVESTMENT DECISIONS**

**TODAY**

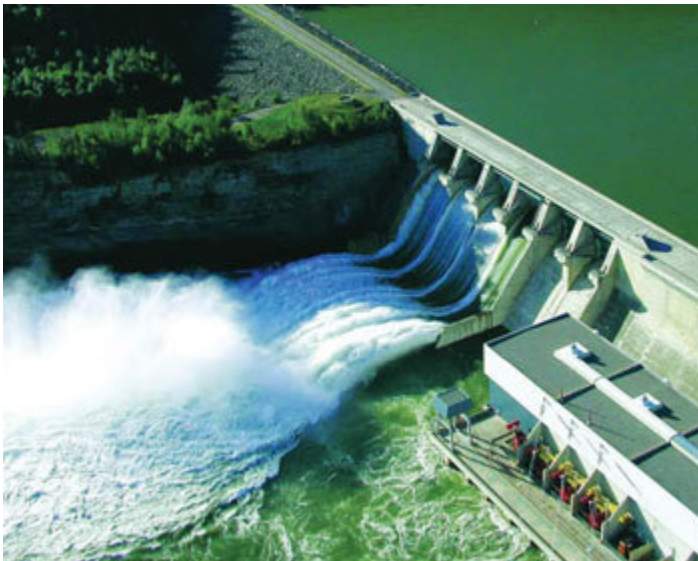
**SO THAT INFRASTRUCTURE CAN  
DELIVER BOTH IN TODAY’S AND  
TOMORROW’S CLIMATE**

# Looking closely into the issue...

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# ECRAI key message: We need to adapt.



- **Roads**
  - Increased culvert size
  - Increased base thickness or quality
- **Power**
  - Number, size of turbines
  - Sizing of reservoirs
- **Irrigation**
  - Sizing of schemes
  - Canal design

# AFRI-RES: a solution to help address the challenge

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AFRI-RES Objective:

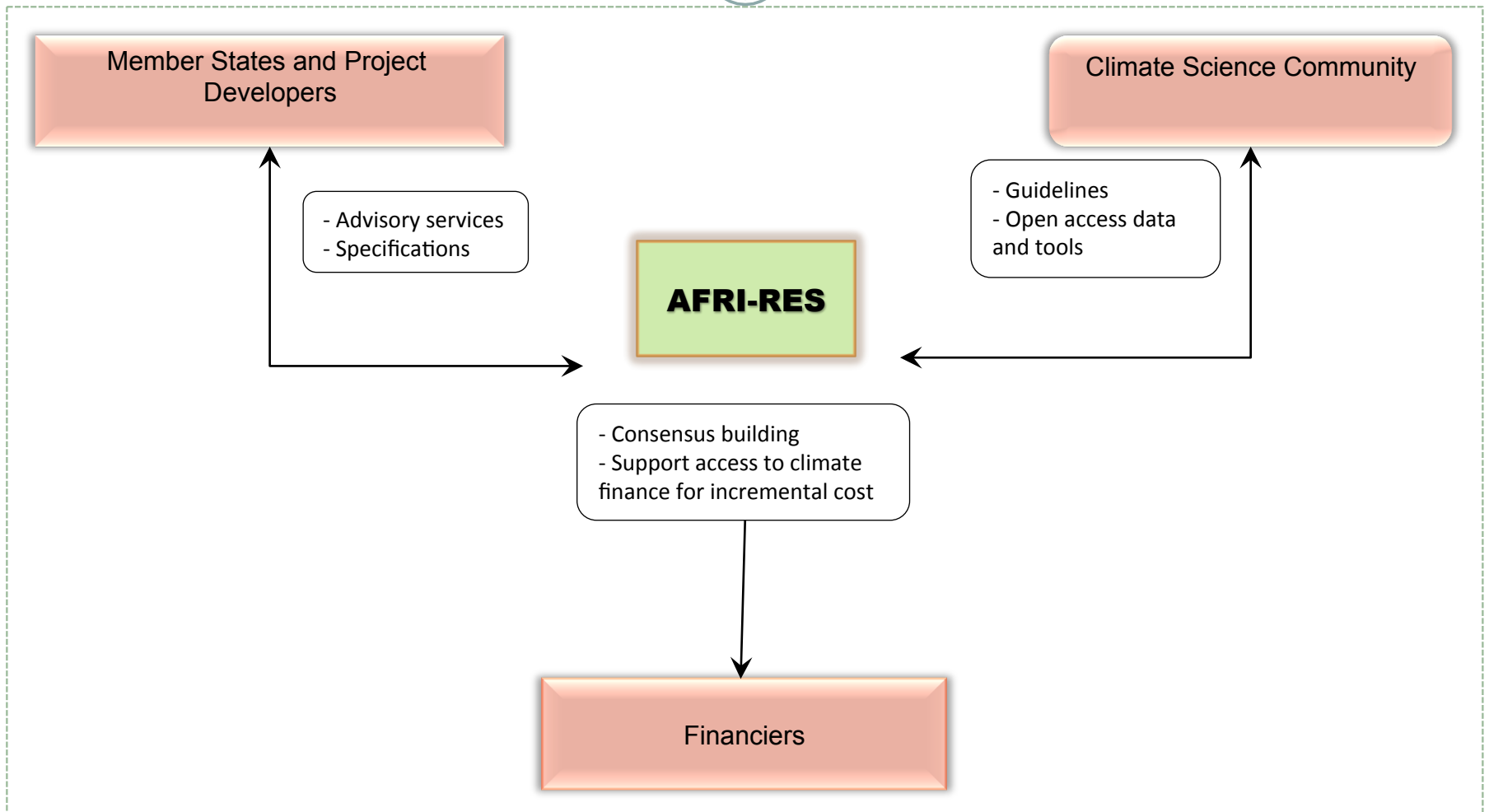
Strengthen the capacity of African institutions (national governments, river basin organizations, Regional Economic Communities, power pools and development practitioners) to plan, design, and implement investments resilient to climate variability and change in selected sectors



United Nations  
Economic Commission for Africa

# AFRI-RES VALUE PROPOSITION

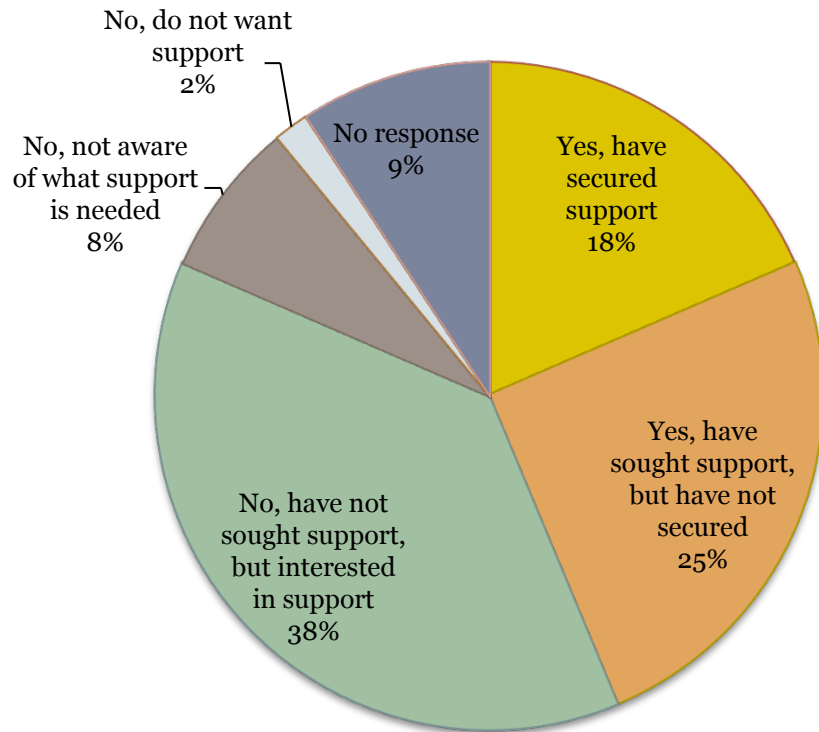
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# Key messages from practitioners survey: strong demand, largely unmet

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Have you sought support to integrate climate change considerations into planning and design of infrastructure?



## Key observations

- 80% of respondents were interested in receiving support to integrate ICCPD services, but only 18% had secured support.
- 62% of respondents were interested or had actively sought support, but had not yet been able to secure it.
- While 8% were not aware or unable to specify what support they needed, only 2% of respondents indicated they were not interested in receiving support.

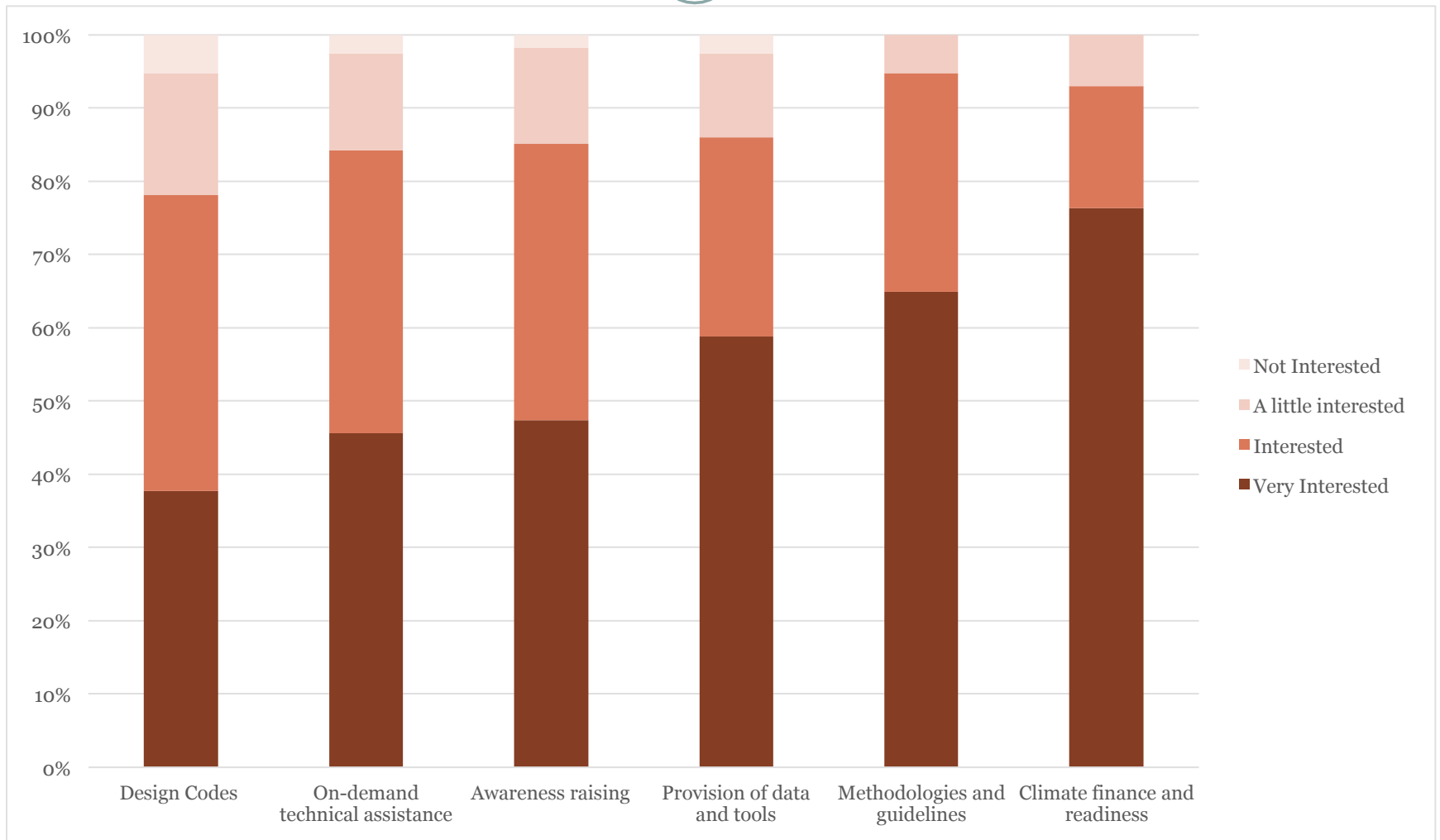
# Areas of work

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Nr	Area	Implementation lead
1	Project level technical assistance	World Bank
2	Training, dissemination, advocacy and outreach	UNECA/AUC
3	Guidelines, standards and good practice notes	World Bank
4	Climate Knowledge Portal	UNECA

# Areas of work – Demand Mapping

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# AFRI-RES Activities

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## Upstream support

- Open data and knowledge platform
- Development of guidelines
- Compilation of good practices
- Support the emergence of standards in climate resilient project development



## Downstream support

- Assistance in TORs preparation
- Quality assurance on technical reports
- Topping-up project preparation resources (directly, indirectly)

# Scope of work

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## Sectors

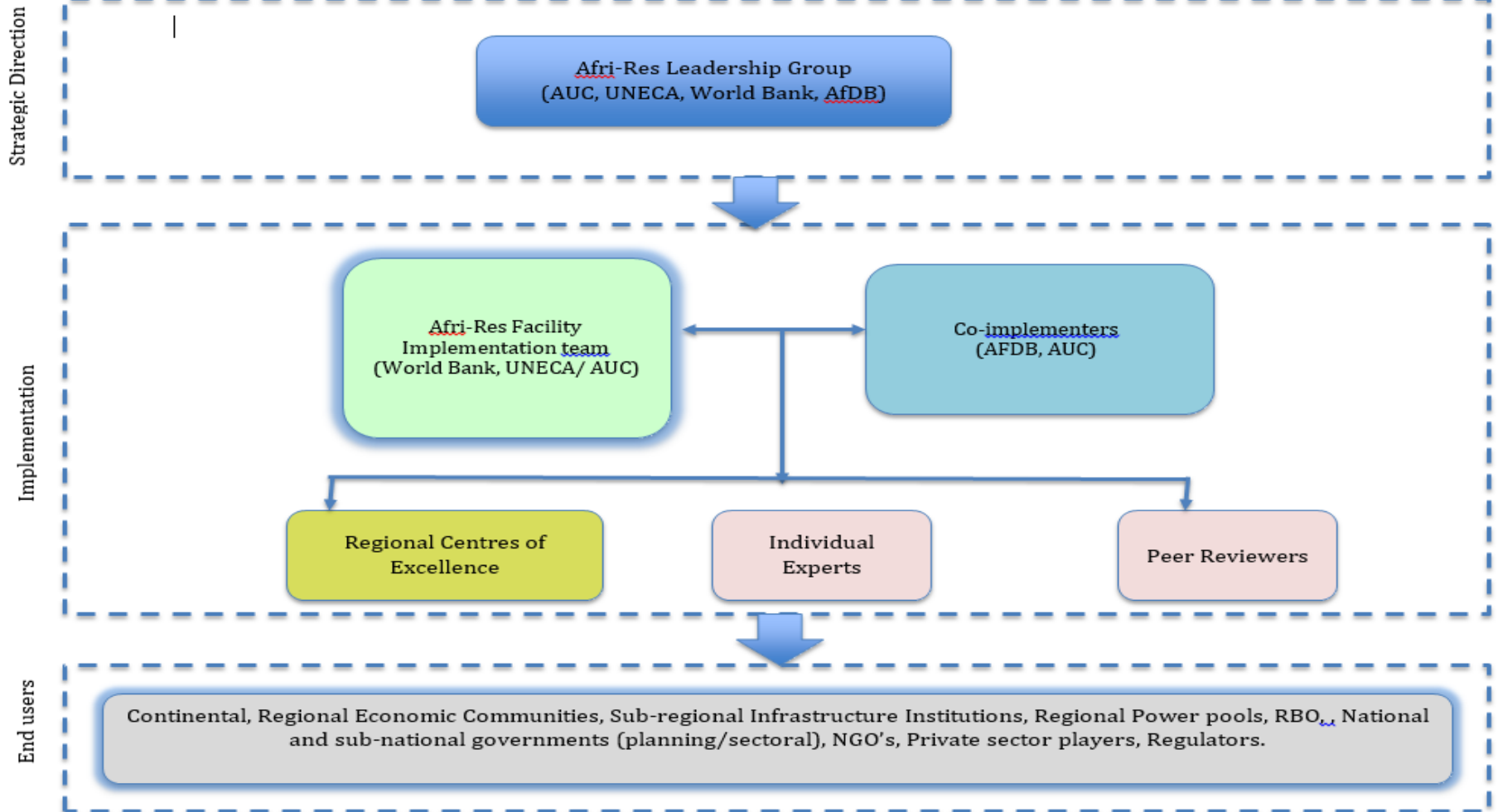
- Water Resources
- Irrigation/ Agriculture
- Hydropower
- Energy sector
- Road transport
- Others (blue economy, landscape management)

## Project cycle stages

- Sector policy/ sector regulation
- Planning
- Project design
- Operation

# Implementation structure

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# Expected benefits

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1. Closing the gap between climate science and project design
2. Cost-effectiveness in developing climate resilience readiness and supporting project preparation
3. Gradual emergence of technical standards in project design for adaptation
4. Multiplication of resilience benefits across a wide range of financing mechanisms

# Further Information

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