



## FUNDING SOURCES FOR MITIGATION IN WEST AFRICA

BOAD

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**M. Pape Demba NDIAYE**

**Public sector specialist**

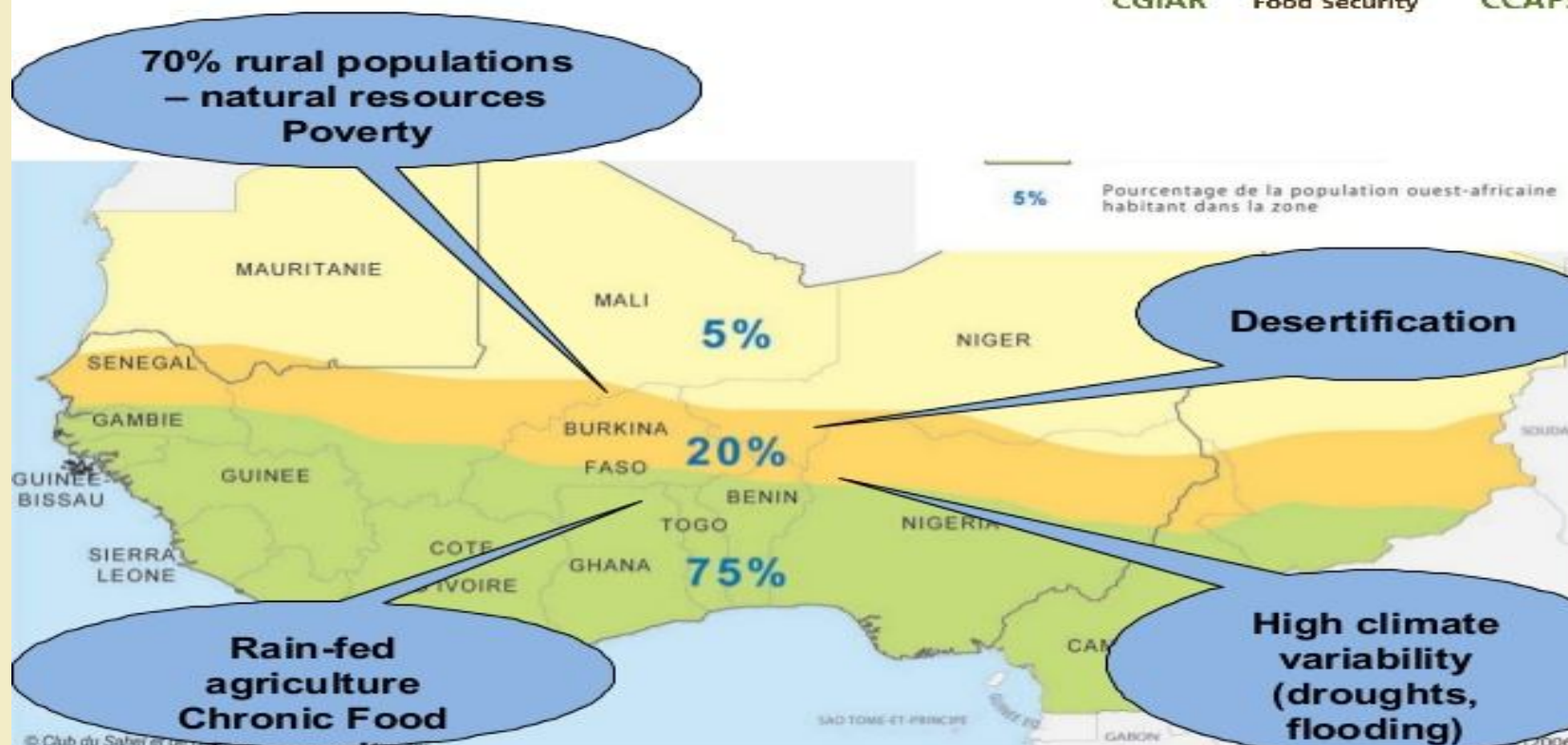
**BOAD**

- **1. CLIMATE CHANGE CONTEXT IN WEST AFRICA**
- **2. CHALLENGE FOR MITIGATION FUNDING IN WEST AFRICA**
- **3. INTERNATIONAL CLIMATE FINANCE FOR WEST AFRICATION**
- **4. REGIONAL CONTRIBUTION TO MITIGATION FUNDING : ENERGY AND AGRICULTURE**
  - **4.1 Energy : BOAD and ABREC funding**
  - **4.2 Agriculture : BOAD**

## WEST AFRICA REGION



RESEARCH PROGRAM ON  
Climate Change,  
Agriculture and  
Food Security



- 300 million in habitants
- Majority of LDCs
- High vulnerability to climate change
- Environmental challenges (funding, capacities...)
- Non sustainable growth (food crisis and energy access gap)

- **Ambitious national and regional policies for mitigation (Ecowas and WAEMU)**
- **High and support of bilateral and multilateral partners**

**But...**

- **Funding needs too high for climate issues : USD 10 to 30 billion up to 2030.**
- **Question : what efficient funding solutions to enable sustainable growth through mitigation : BOAD experience on energy access and agriculture?**





### 3. INTERNATIONAL CLIMATE FINANCE ARCHITECTURE

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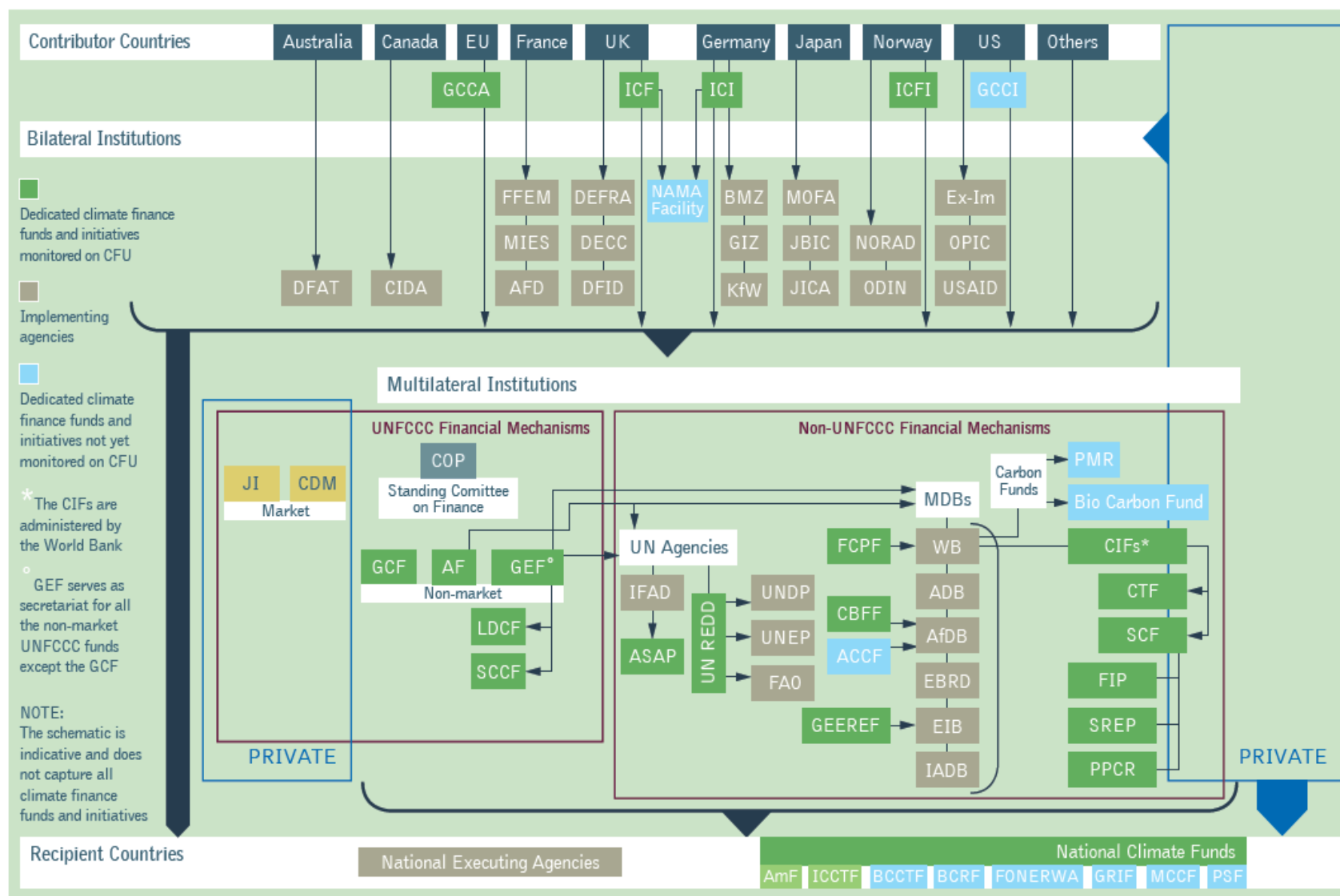
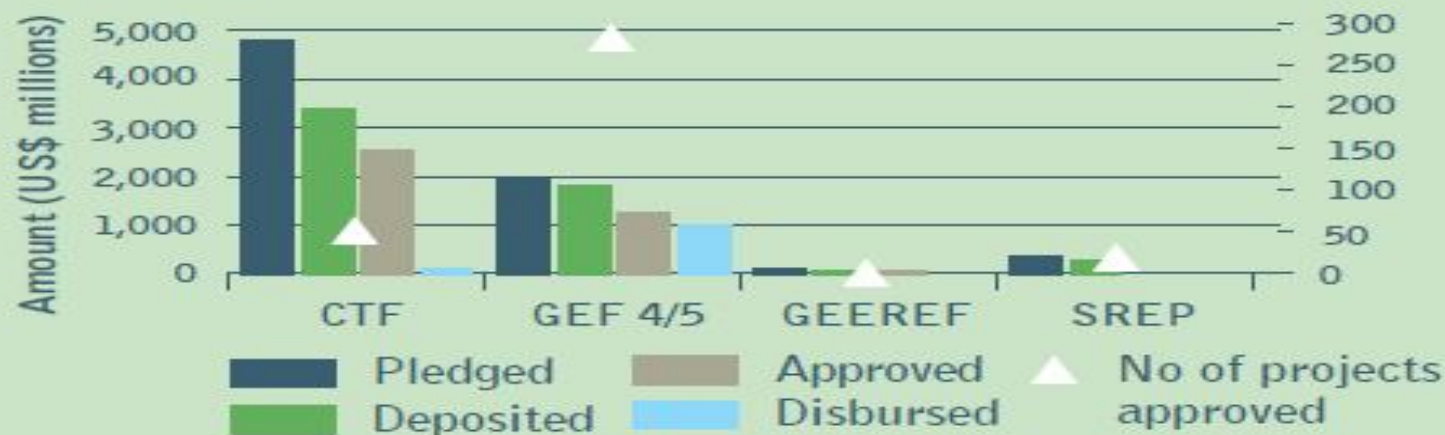


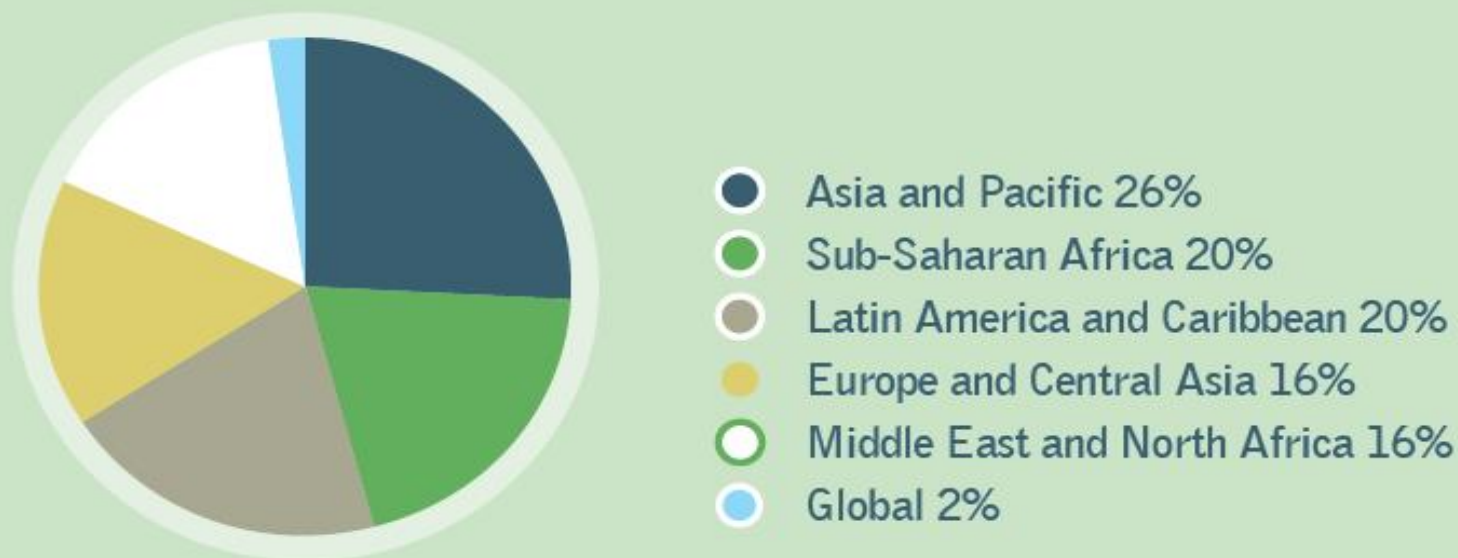
Figure 1: Funds primarily supporting mitigation



[www.climatefundsupdate.org](http://www.climatefundsupdate.org)

- Encouraging but insufficient to cover 10 billion annual needs
- Low disbursement can be challenging in (West...) Africa

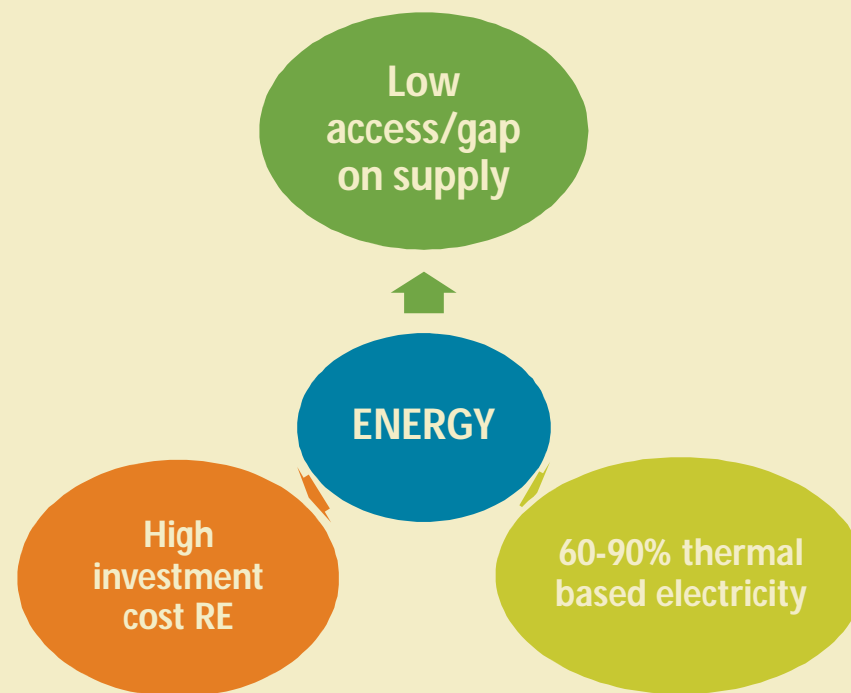
**Figure 3: Regional distribution of mitigation finance**



[www.climatefundsupdate.org](http://www.climatefundsupdate.org)

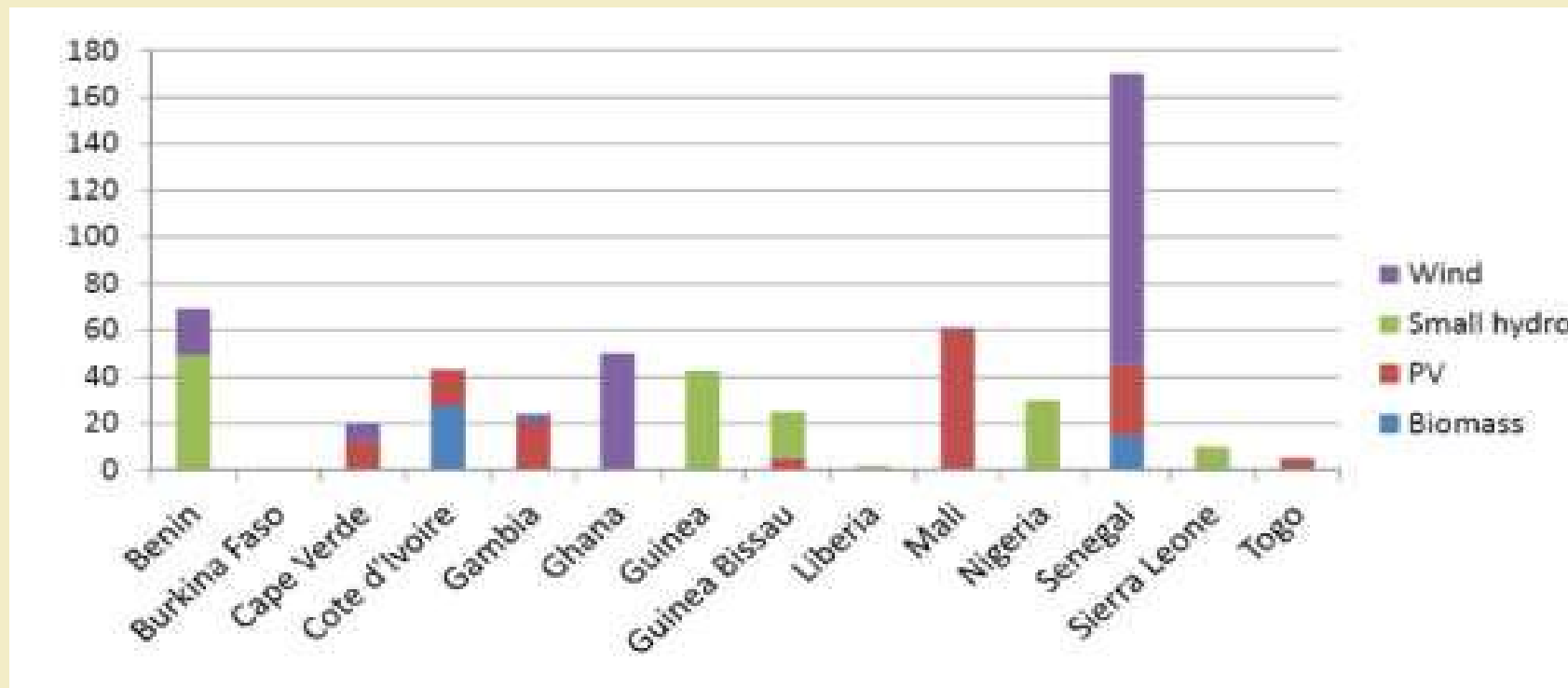
- **Subsaharian Africa highly considered**
- **West Africa to benefit from addressing energy access issues**

### ■ Energy in West Africa



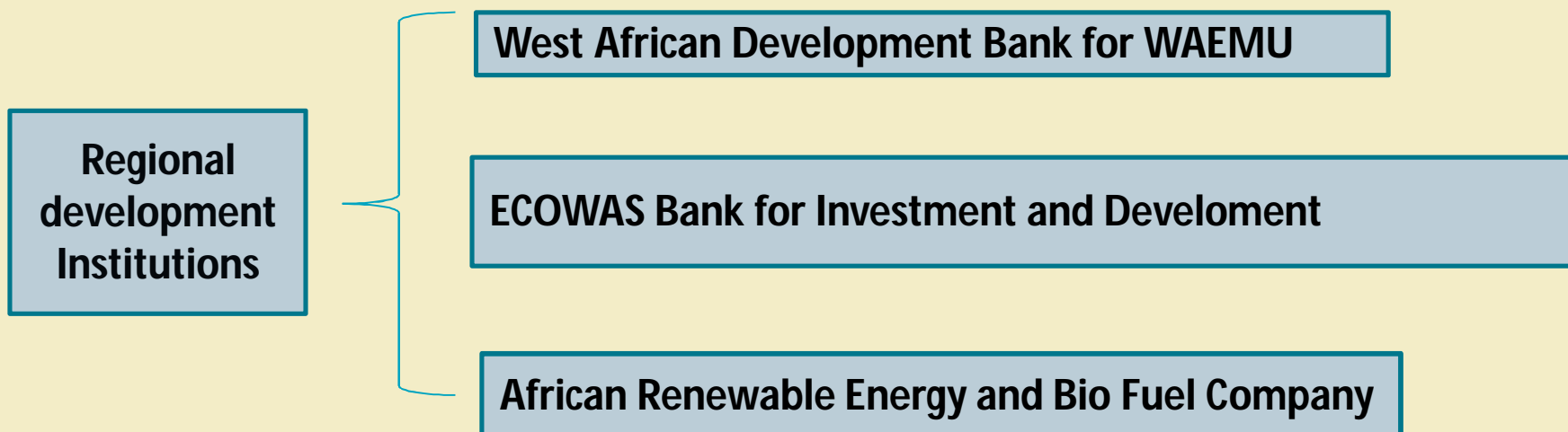
- ✓ Ecowas Renewable Energy Policy : 50% RE in 2030
- ✓ Energy Efficiency Policy
- ✓ National policies





WAPP Grid Emission Factor Study

- **552 MW with a mitigation potential of 19 MtCO<sub>2</sub>**
- **Low investment on RE : 5% of actual total generating capacities**



### BOAD operation activities

#### Private sector

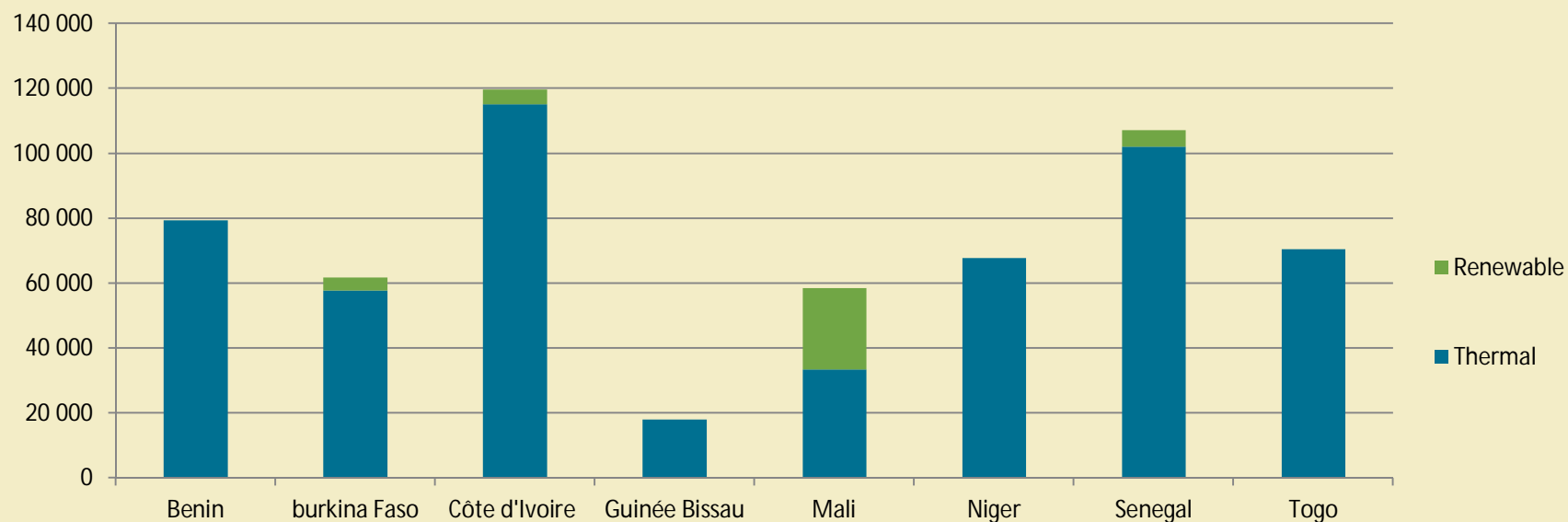
Energy  
Urban water  
Transport  
Telecom  
industries  
Banking services  
Financial expertise

#### Public sector

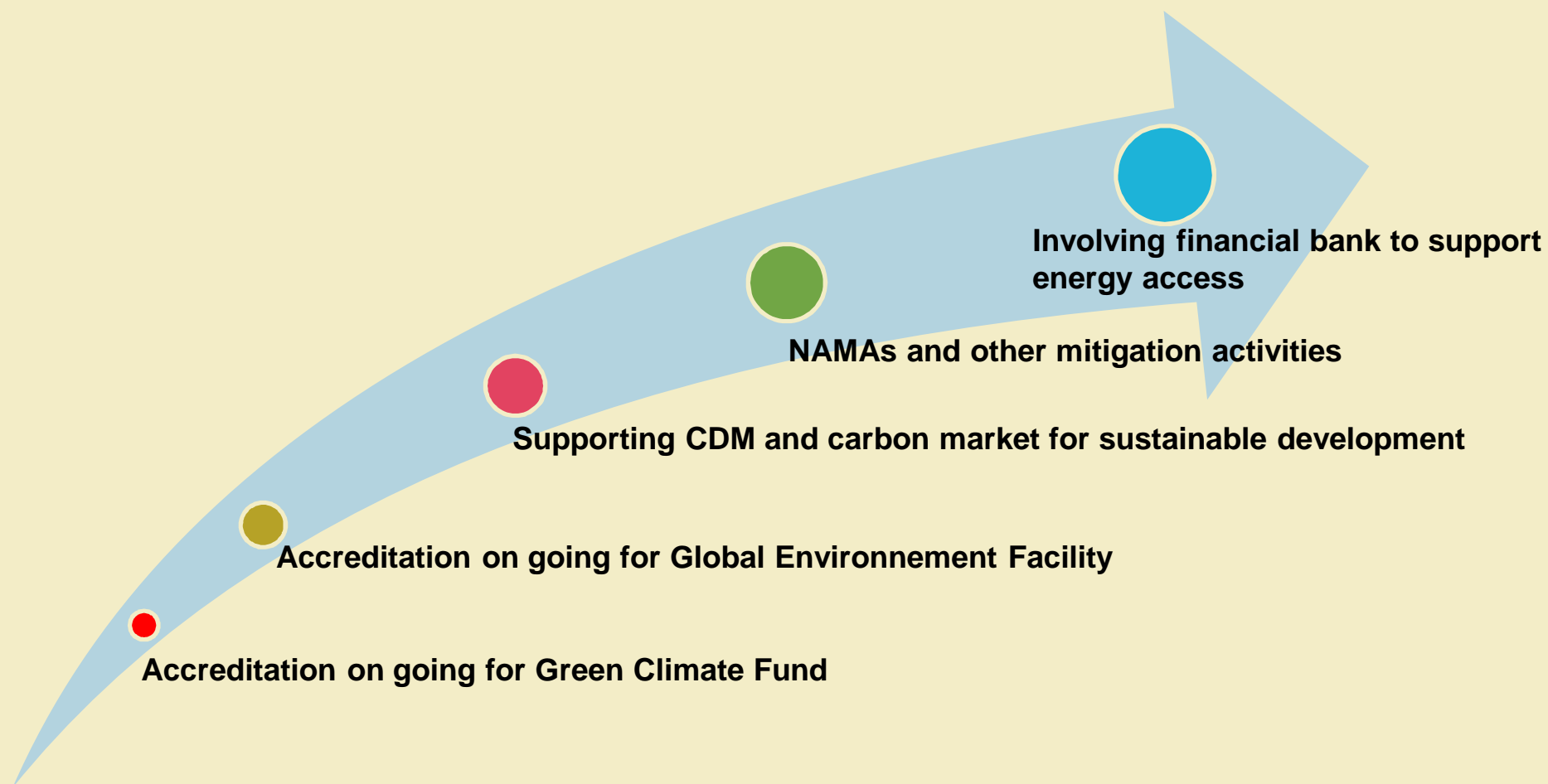
Infrastructures  
Rural Development  
Rural water

## 4.1 BOAD Renewable energy funding

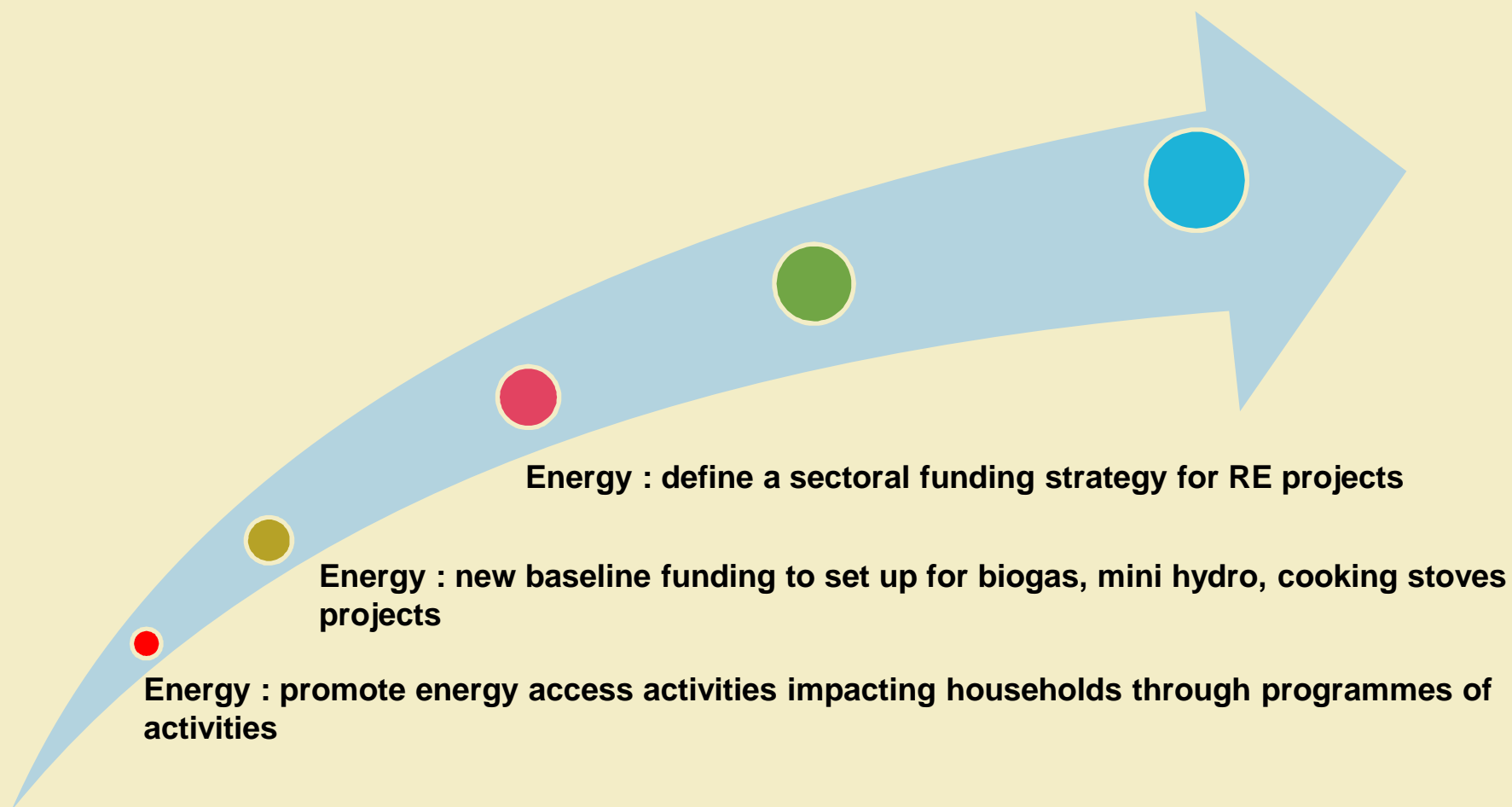
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- USD 1 billion for RE projects
- hydro-electricity mainly focus
- Regional projects : Manatali 200 MW (sn-mali)
- National projects : Sotuba dam Mali and Côte d'Ivoire small dam : < 10 MW







Regional  
development  
Banks

ECOWAS Bank for Investment and Development

African Renewable Energy and Bio Fuel Company

## What ABREC Stands for

Building Africa's  
hub for renewable  
energy

Reinforce energy  
and economic self  
sufficiency in Africa

Take advantage of  
advances in the  
clean energy  
market

Tackle the challenge  
of global warming

- Promotion and funding of renewable energy projects in the private and public sectors
- Advising governments and the private sector to enable them obtain maximum benefit from clean energy markets
- Transfer of new green technologies for the development of renewable energy industries
- Funding of SME/SMIs in the area of renewable energies
- Contribute to the development of the biofuels and renewable energy industry in sub-Saharan Africa, with a particular focus on West Africa
- Provide investors with superior returns through investments in renewable energy projects which generate certified emission reductions



## Selected key milestones

### ABREC

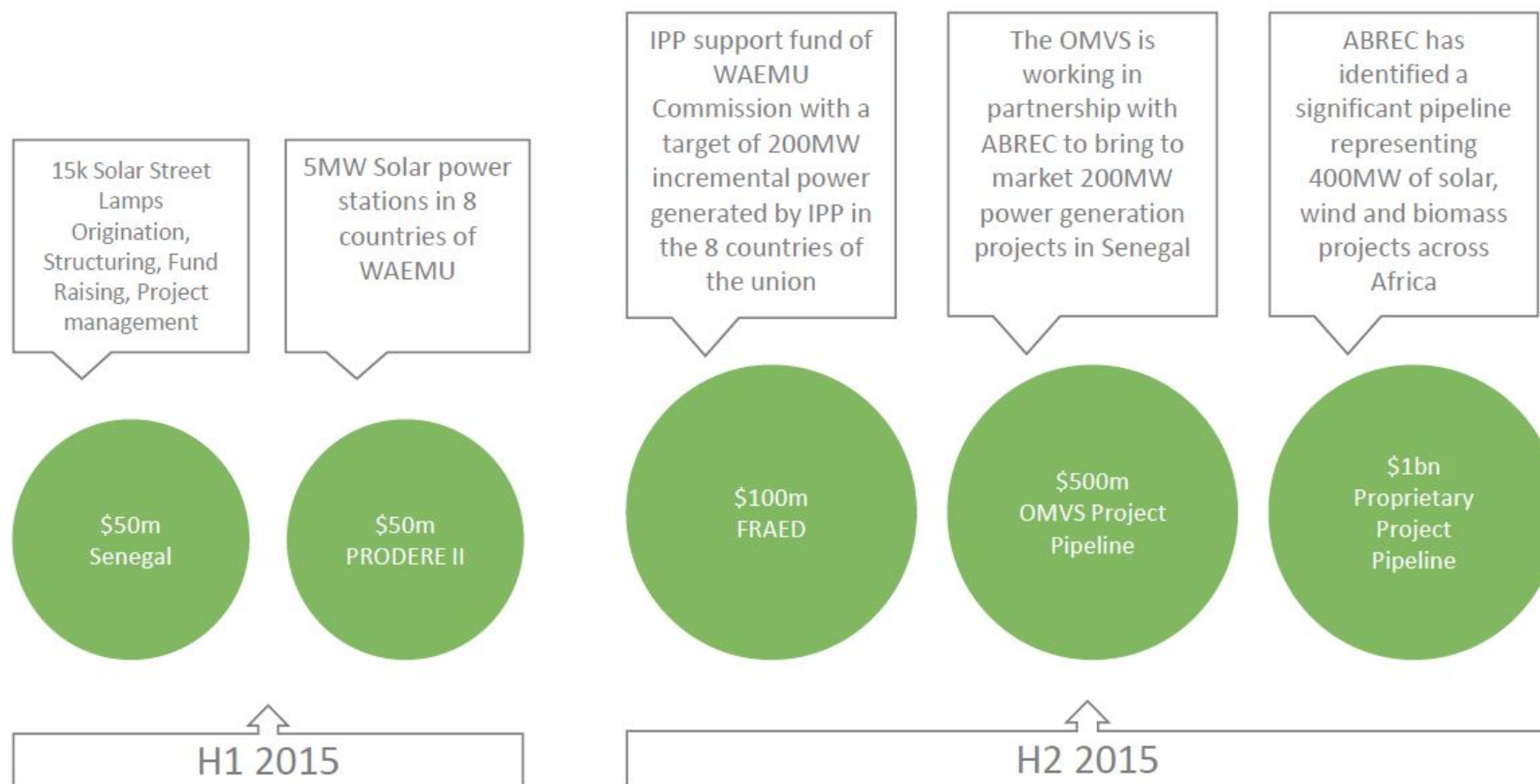
Togo	Sierra Leone	PRODERE 1	Benin
<ul style="list-style-type: none"><li>•\$55m</li><li>•13k Street Lamps</li><li>•Origination, Structuring, Fund Raising, Project management</li></ul>	<ul style="list-style-type: none"><li>•\$20m</li><li>•13K Solar Street Lamps</li><li>•Origination, Structuring Fund Raising, Project management</li></ul>	<ul style="list-style-type: none"><li>•\$50m</li><li>•Origination, Project Management</li></ul>	<ul style="list-style-type: none"><li>•\$100m</li><li>•\$15k Solar Street Lamps, 5MW micro Solar power plant</li><li>•Origination, Structuring Fund Raising, Project management</li></ul>

### AREF

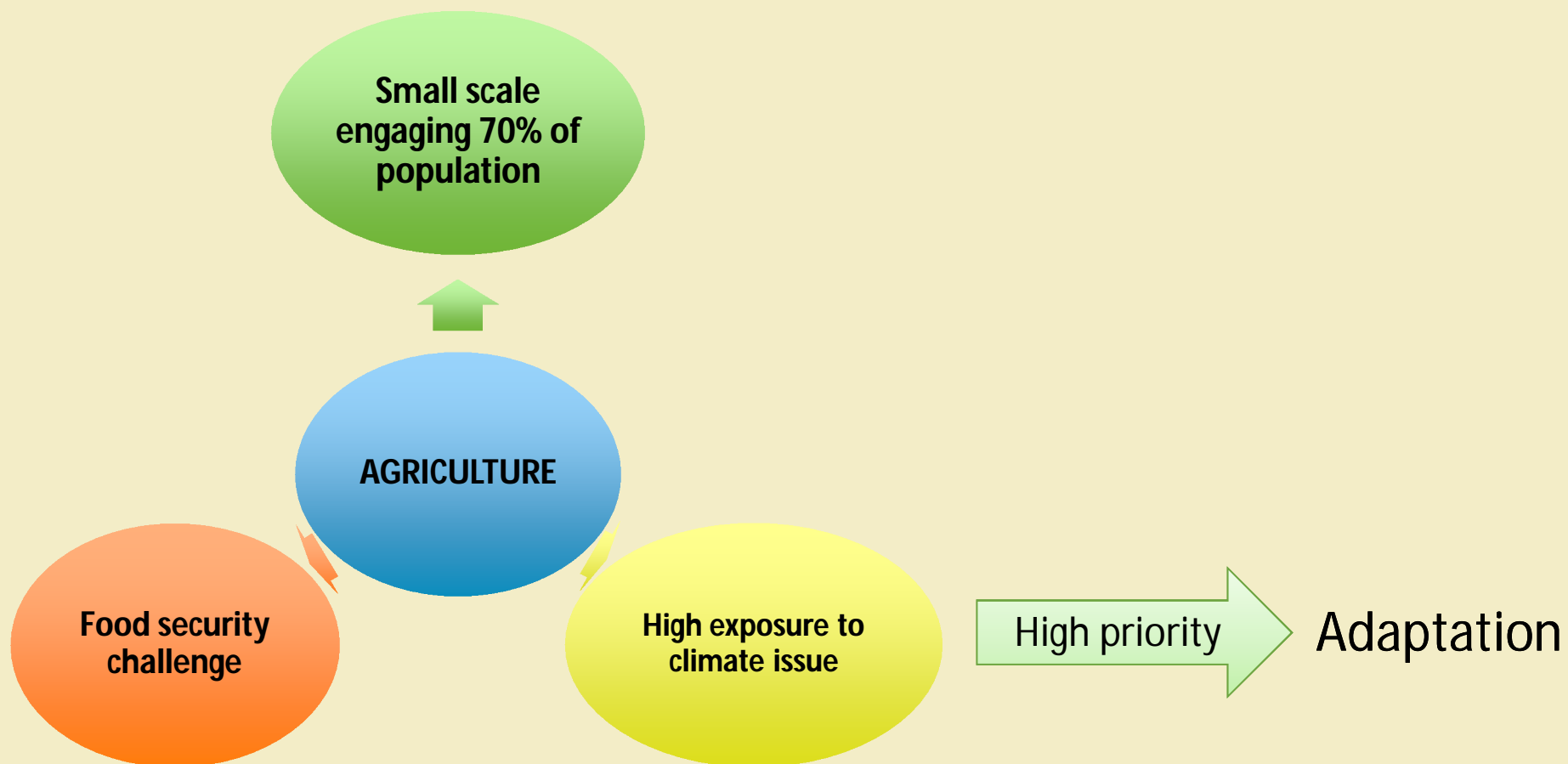
ETHIOPIA	UGANDA	UGANDA	KENYA
<ul style="list-style-type: none"><li>• Geothermal Power Plant</li><li>• Origination, Structuring, Investment, Build</li></ul>	<ul style="list-style-type: none"><li>• Hydro Power Plant</li><li>• Origination, Structuring, Investment, Build</li></ul>	<ul style="list-style-type: none"><li>• Hydro Power Plant</li><li>• Origination, Structuring, Investment, Build</li></ul>	<ul style="list-style-type: none"><li>• Geothermal Power Plant</li><li>• Origination, Structuring, Investment, Build</li></ul>



# Significant project pipeline



### ■ Agriculture



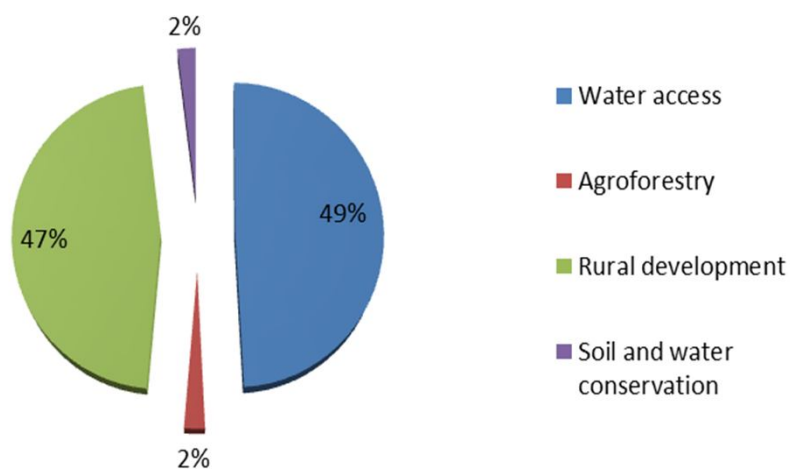


**Agriculture**

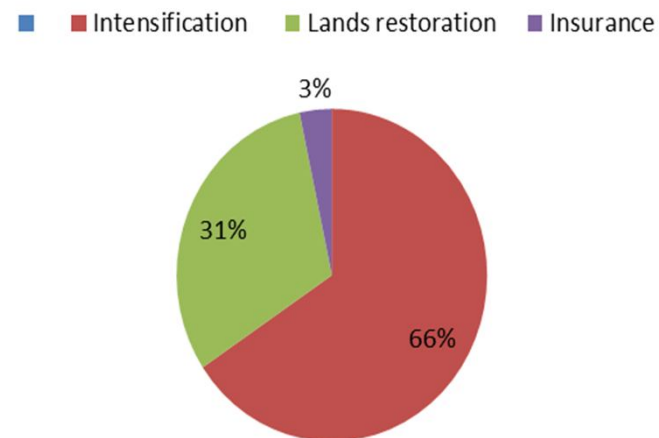
**1 billion funding for 140 projects**

**20% addressing climate change issues Adapt/Mit**

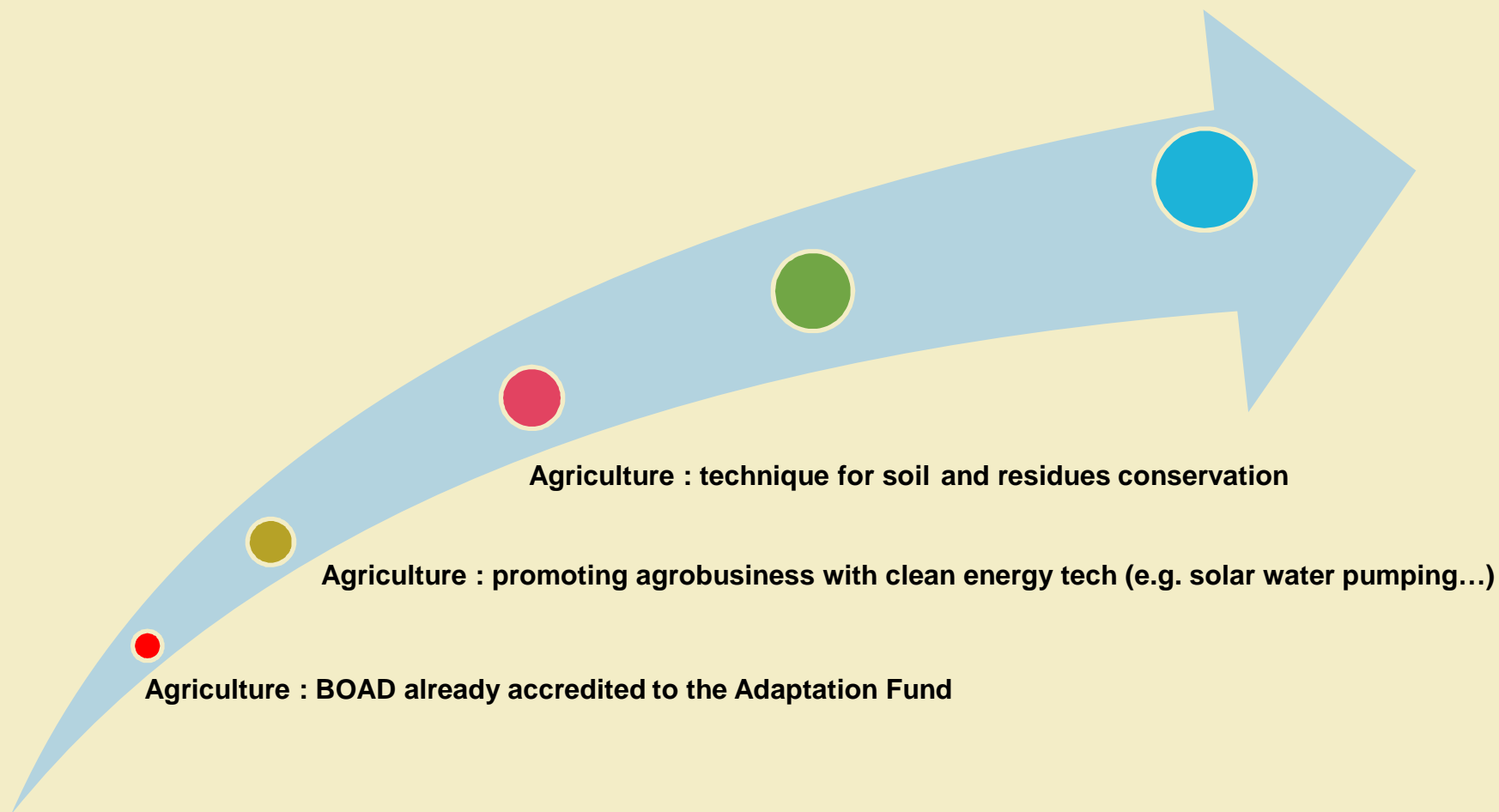
**Mitigation activities**



**Adaptation activities**



- 30% projects for mitigation
- 70% projects with adaptation benefits



[www.boad.org](http://www.boad.org)



Thank you for your attention!

**BOAD**

**BOAD**

68, Avenue de la Libération  
BP 1172 Lomé, Togo

Tél. : +228 22 21 59 06

Fax : +228 22 21 52 67

[boadsiege@boad.org](mailto:boadsiege@boad.org)