



AfricaRice

**Continental Investment Plan for
accelerating Rice Self-Sufficiency
in Africa (CIPRiSSA):
Summary results**

Outline

- Background of CIPRiSSA
- Methodology
- Priority Domains for Investment
- Estimation of Investment required
- Gains from Investment
- Perspectives

Background

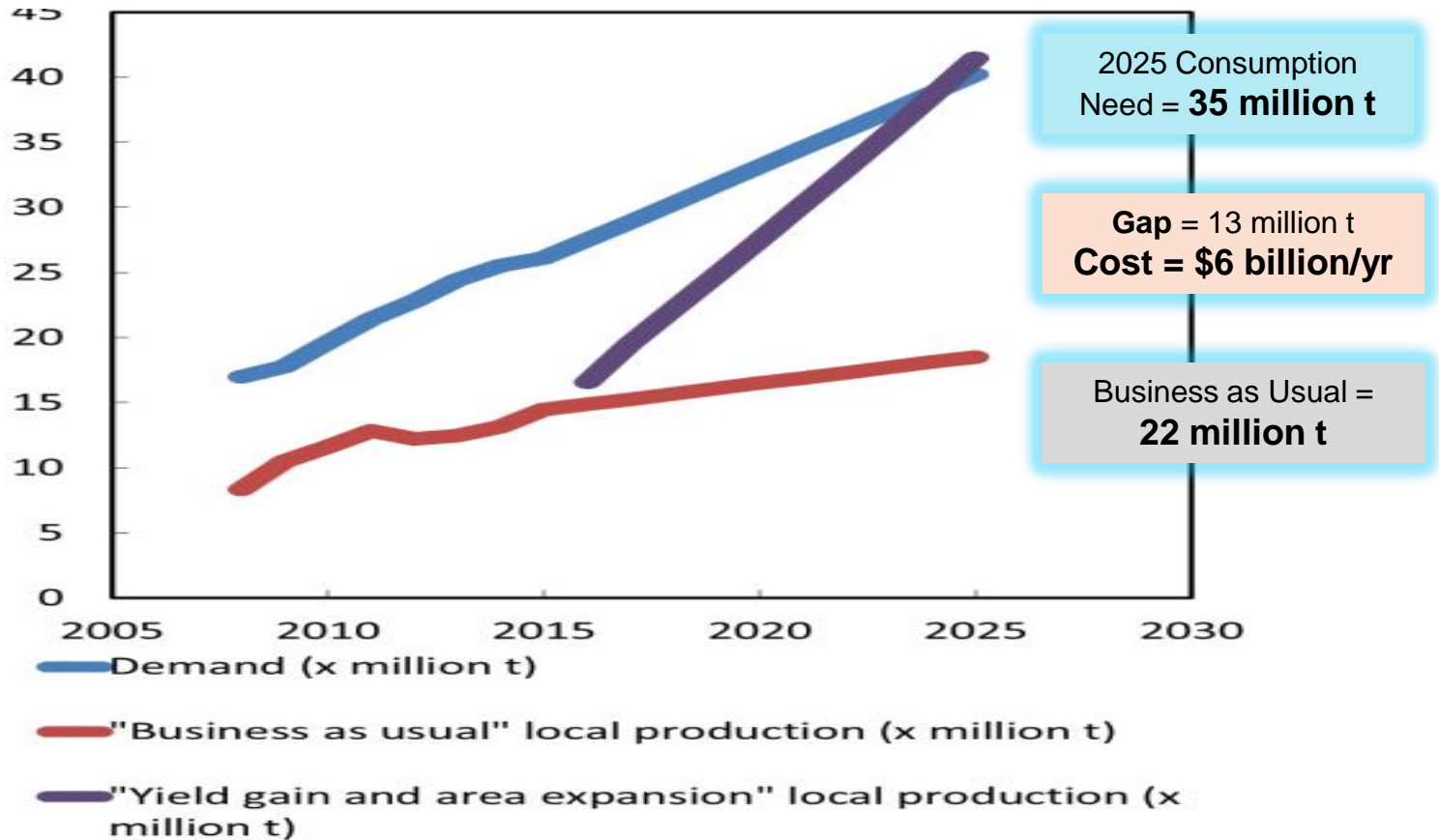


Figure 1: Diagrammatic expression of rice demand versus local supply in Africa

Background of CIPRiSSA

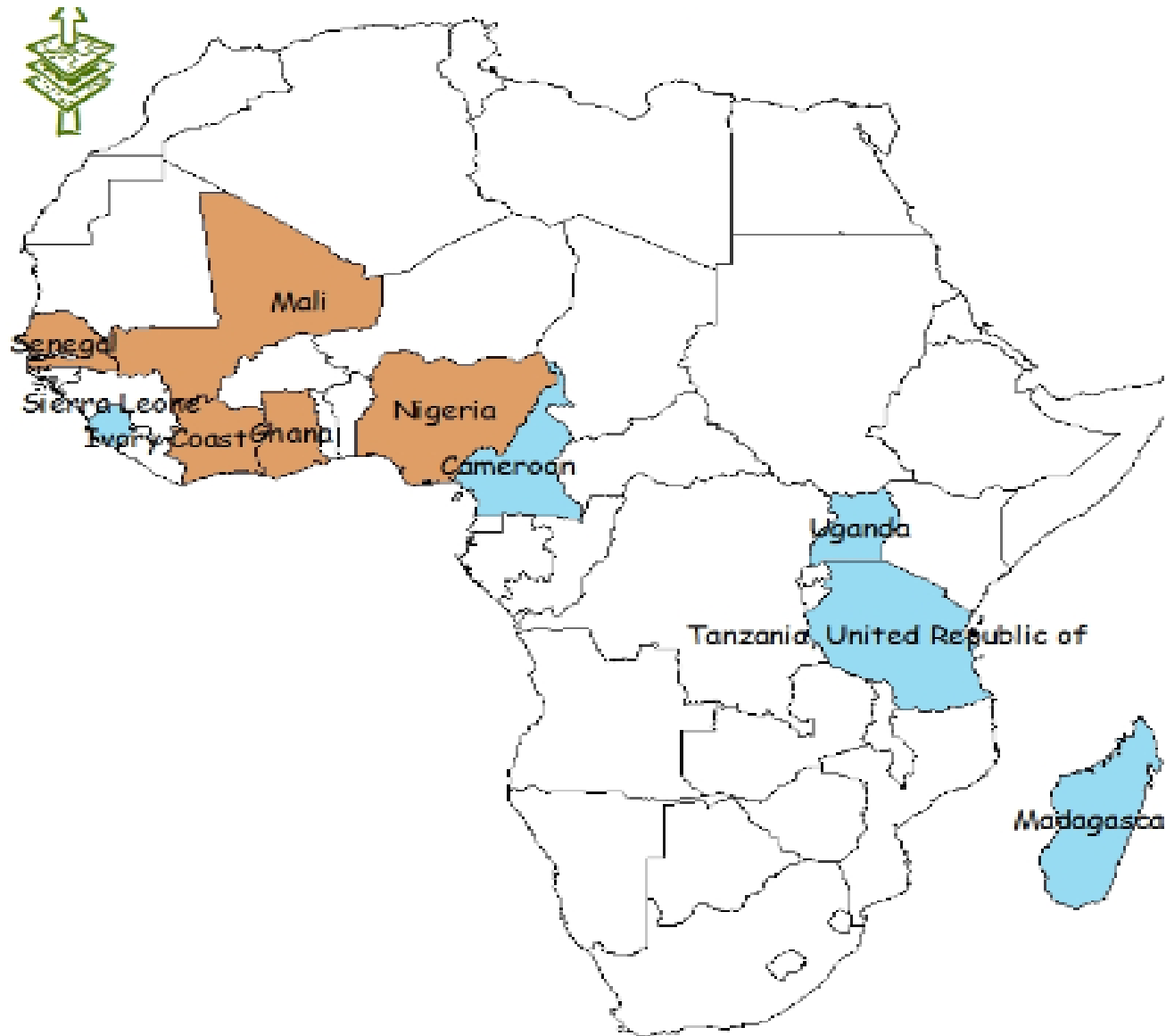
- In this context, AfricaRice was mandated by its Council of Ministers and the African Development Bank (AfDB) to establish a **Continental Investment Plan for Accelerating Rice Self-Sufficiency in Africa (CIPRiSSA)**
- CIPRiSSA aligns with **Feed Africa agenda**, Comprehensive Africa Agriculture Development Programme (**CAADP**) and the **Malabo Declaration**

Background of CIPRiSSA

- CIPRiSSA aims to:
 - Accelerate and sustain **self-sufficiency in rice in Africa**
 - Contribute to **food security**;
 - Identify **priority segments** of the RVC for investment;
 - Identify **additional investment** along the rice value
 - Enhance involvement of **Private Sector**
 - Contribute **job & wealth creation**
 - Enhance **Africa's market share** in global rice trade

Methodology of CIPRiSSA

Pilot with 10 Countries



Methodology of CIPRiSSA

- Continental plan but country specific
 - Ministers nominated **country Focal Persons (FP)** to work with AfricaRice
 - Development and validation of a **data collection tool**
 - FP organizes collection of data in country and analysis with AfricaRice
- Two models (**ERIS** and **COMFAR**)
 - **Financial** and **economic** analyses were done
 - **Key information** produced:
 - Timelines for Self-Sufficiency
 - Country-specific investment needs
 - Gains from investments
 - Benefits-costs ratio (BCR) – US\$ spent versus some projected profits
 - Modified internal rate of return (MIRR)
 - Contribution to GDP and employment creation

Rice Self-Sufficiency is Possible by 2020: Facts & Figures

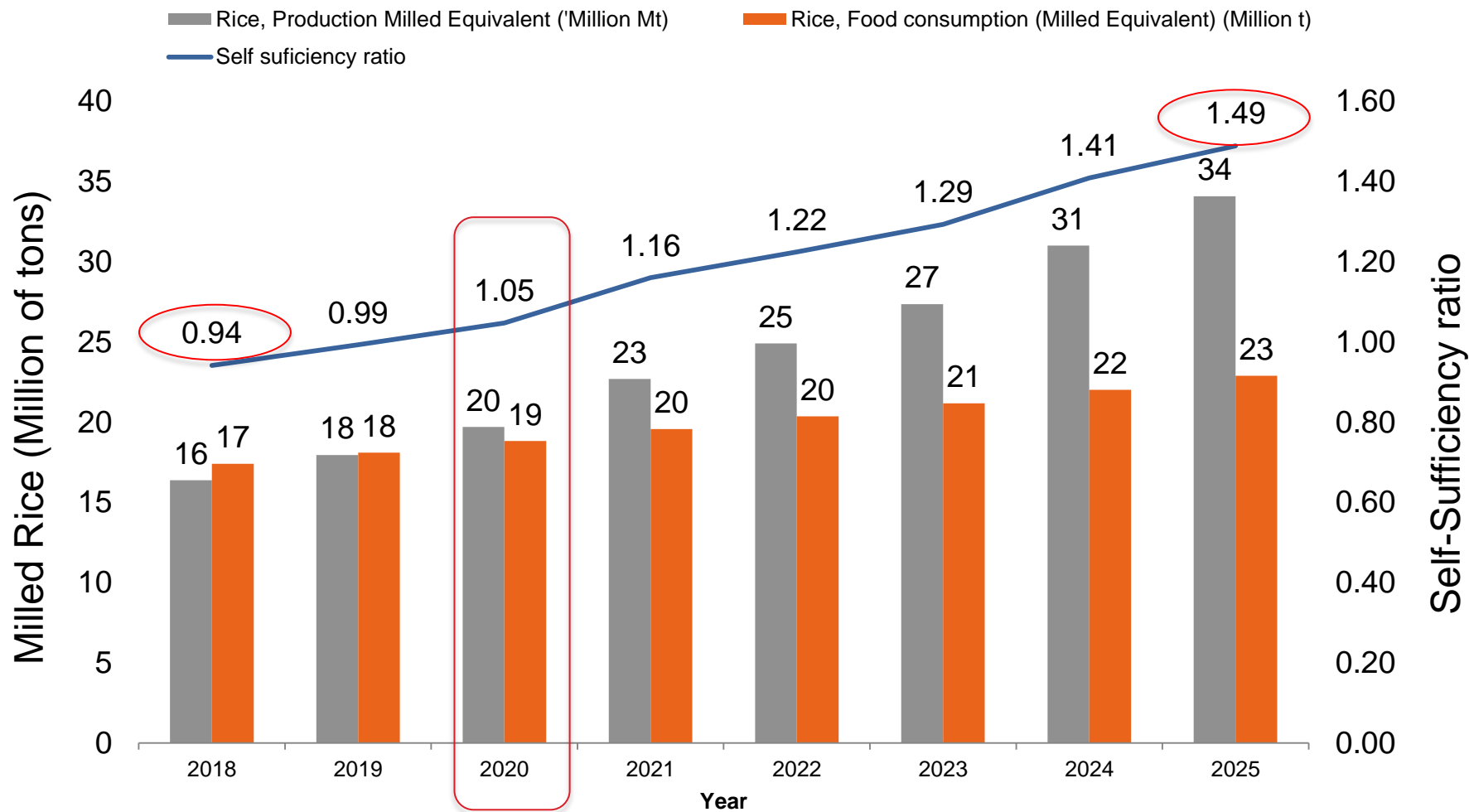


Figure 2: Beginning and Closing Self-Sufficiency Ratios in the Countries

Self-Sufficiency Ratios in the 10 Countries

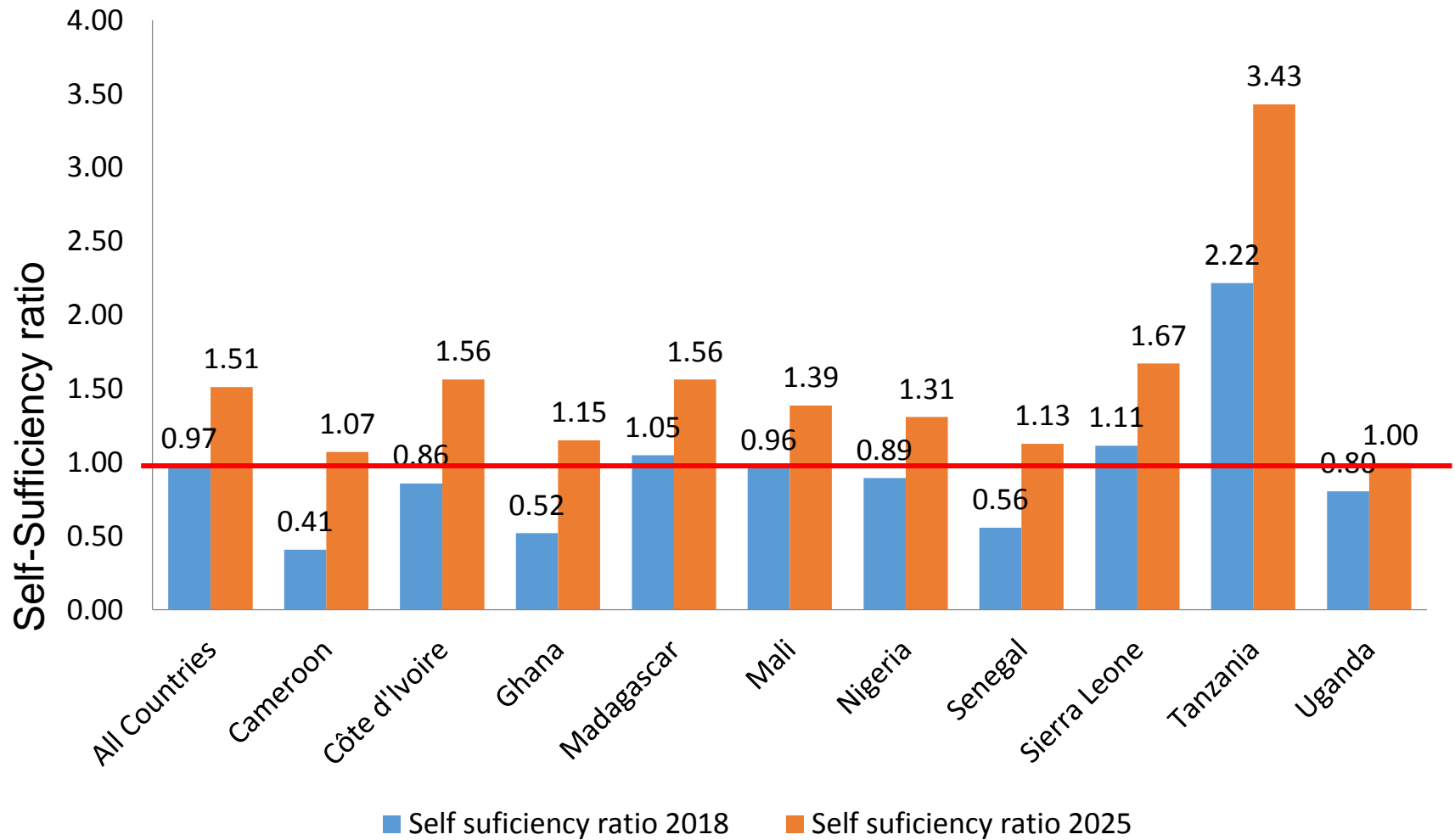


Figure 3: Beginning and Closing Self-Sufficiency Ratios in the Countries

Priority Domains for Investment

1. Fertilizer
2. Seed
3. Machine/equipment
4. Marketing/upgrading
5. Technology transfer/
capacity building

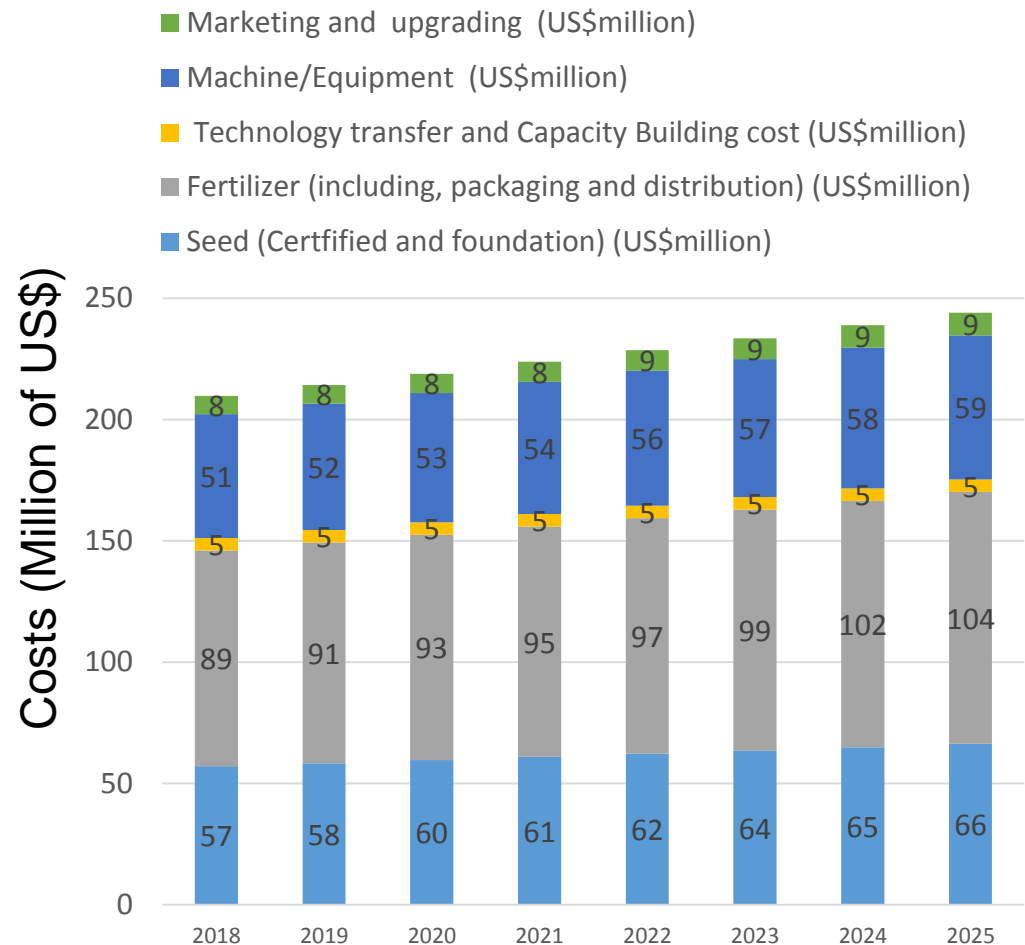


Figure 4: Estimation of investment in priority areas for all countries

Annual Additional Investments Required for All 10 Countries (US\$ million)

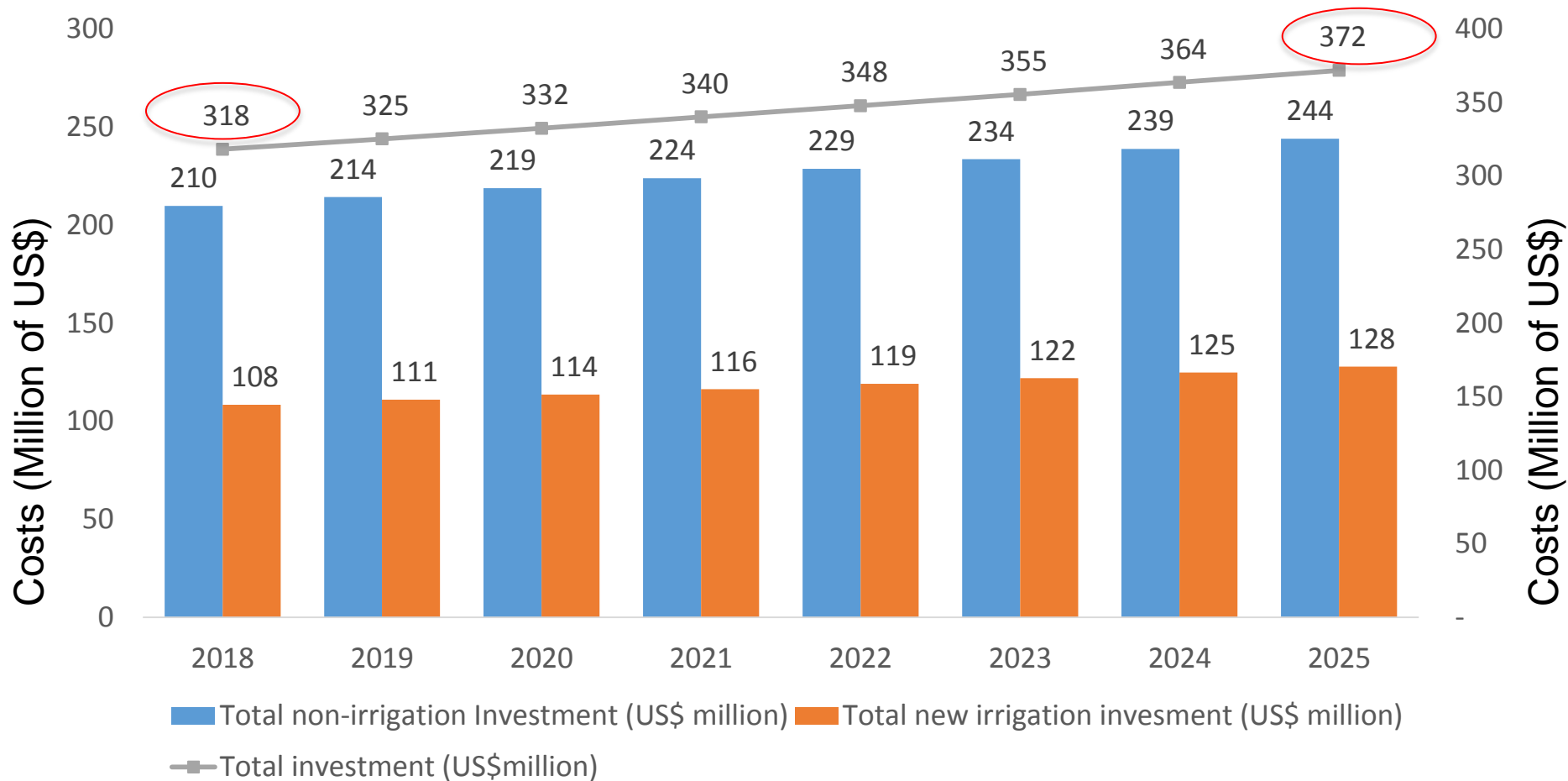


Figure 5: Total investments per year for the 10 countries

Requirements in Investment for all 10 Countries

TOTAL INVESTMENT REQUIRED FOR 10 COUNTRIES:
US\$ 2.7 Billion

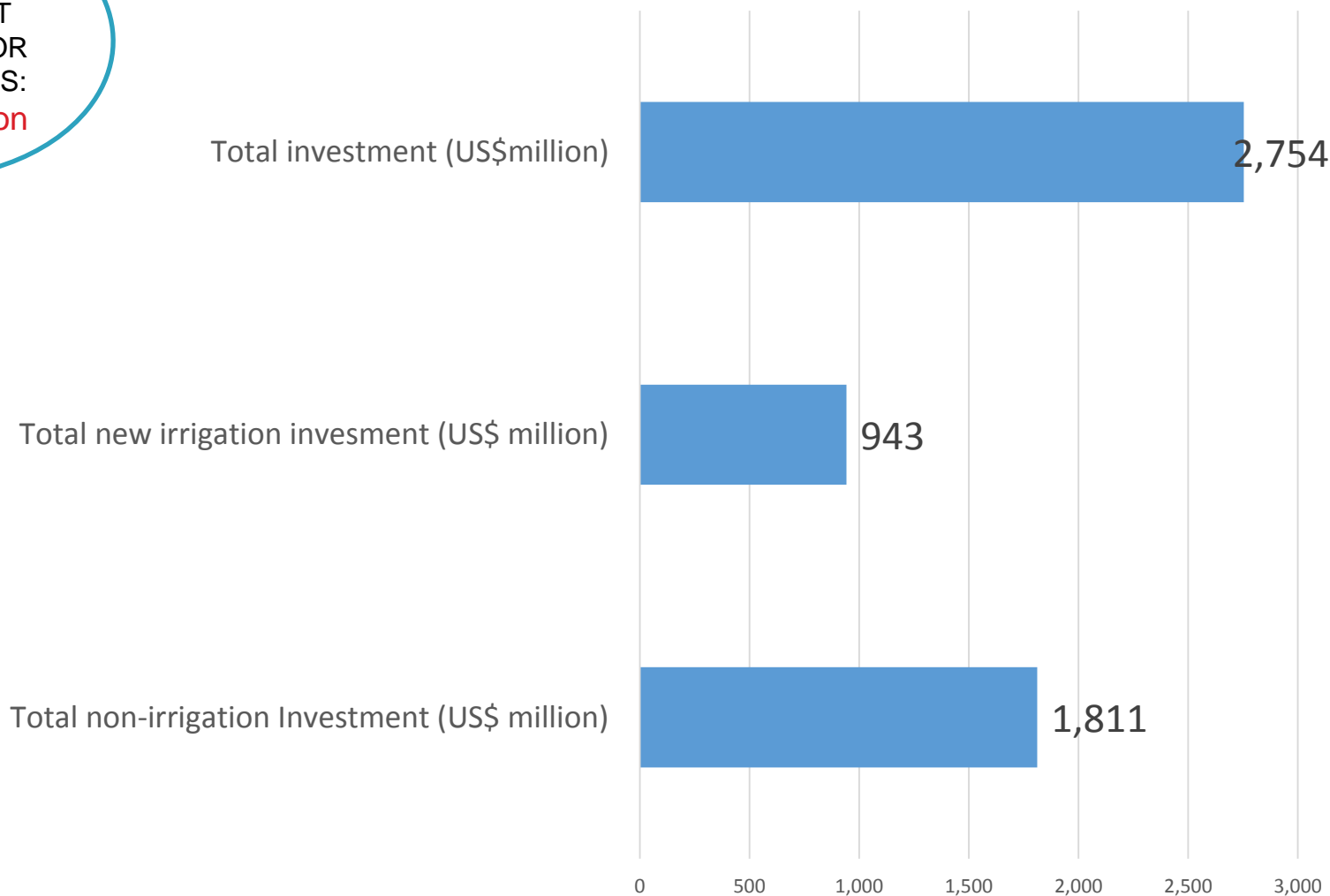


Figure 6: Total investments until 2025

Gains from New Investments

Additional Milled Rice:
11.7 million ton
Foreign exchange gain:
US\$ **2.7 billion**

Additional milled rice

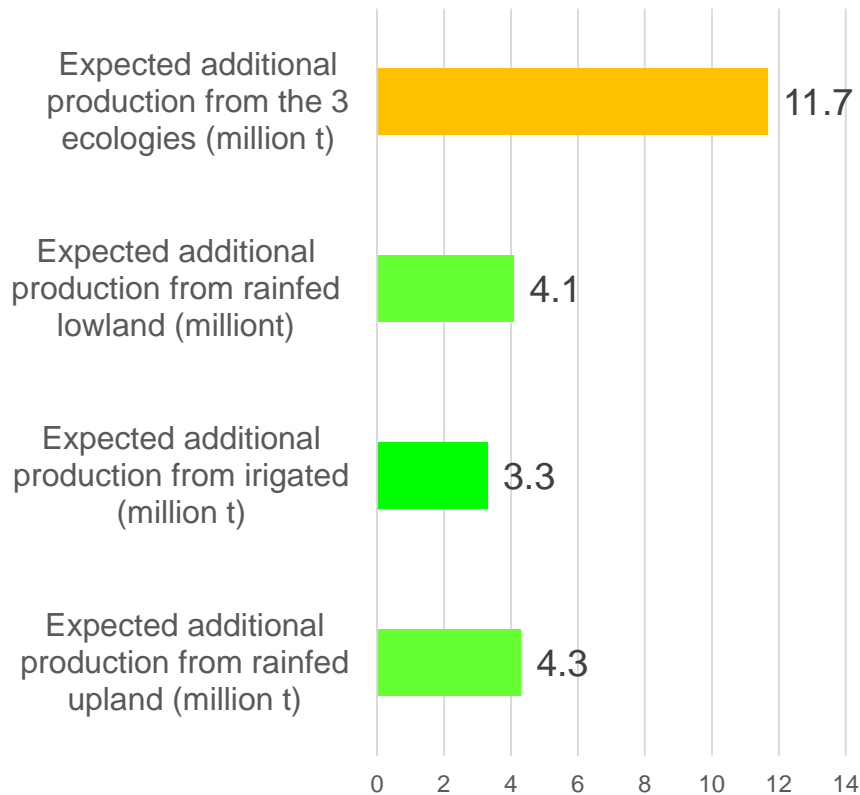


Figure 7A: Impact on milled rice

Foreign exchange savings

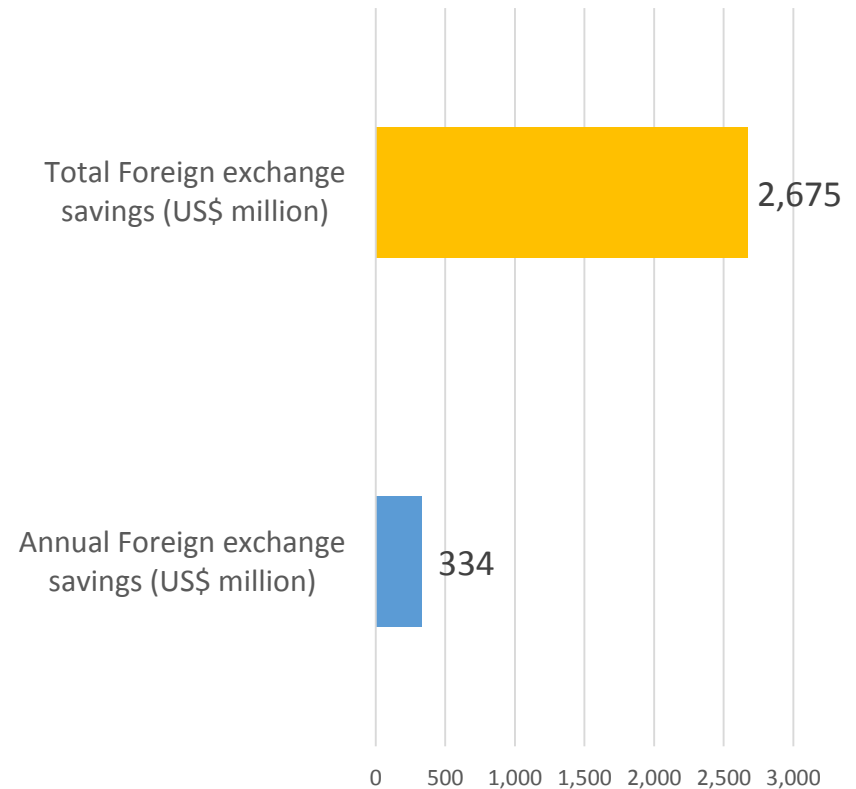


Figure 7B: Saving of foreign exchange



Farming Households Targeted for Each Ecology

NUMBER OF
BENEFICIARIES:
17 Million

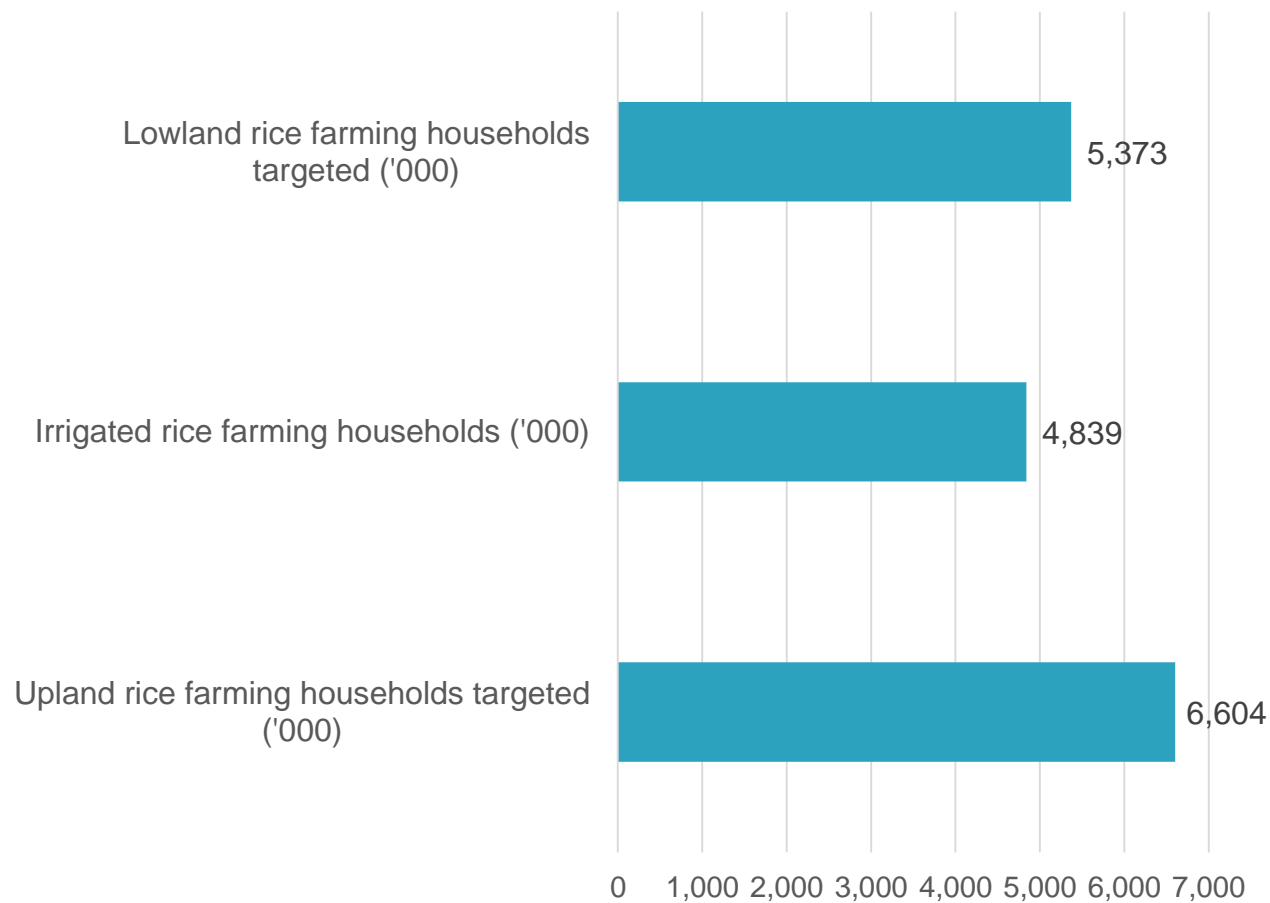


Figure 8: Number of beneficiaries per ecology

Dividends from CIPRiSSA investments

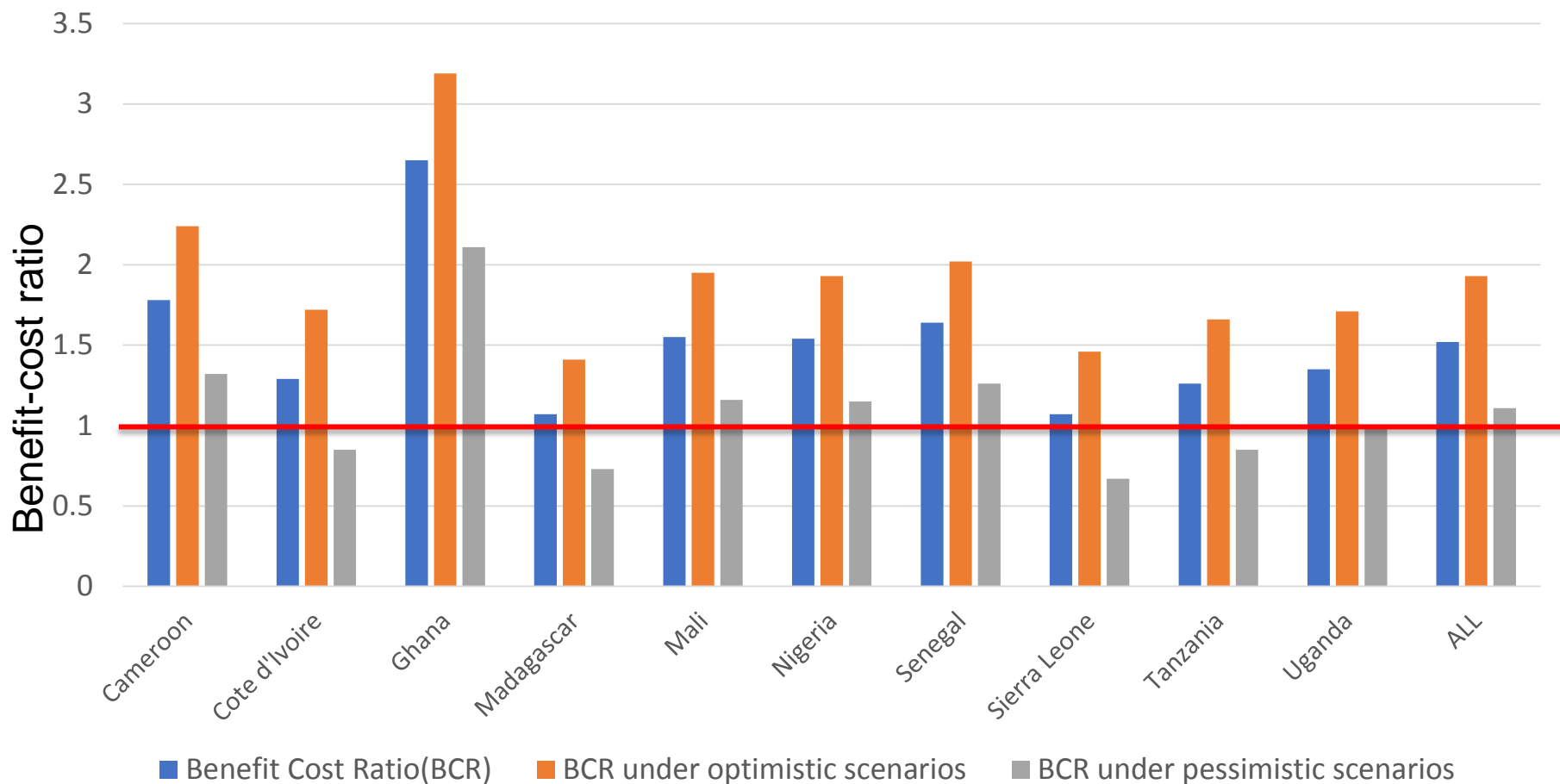


Figure 9: Benefice-Cost ratio (BCR) of CIPRiSSA investments

Dividends from CIPRiSSA investment

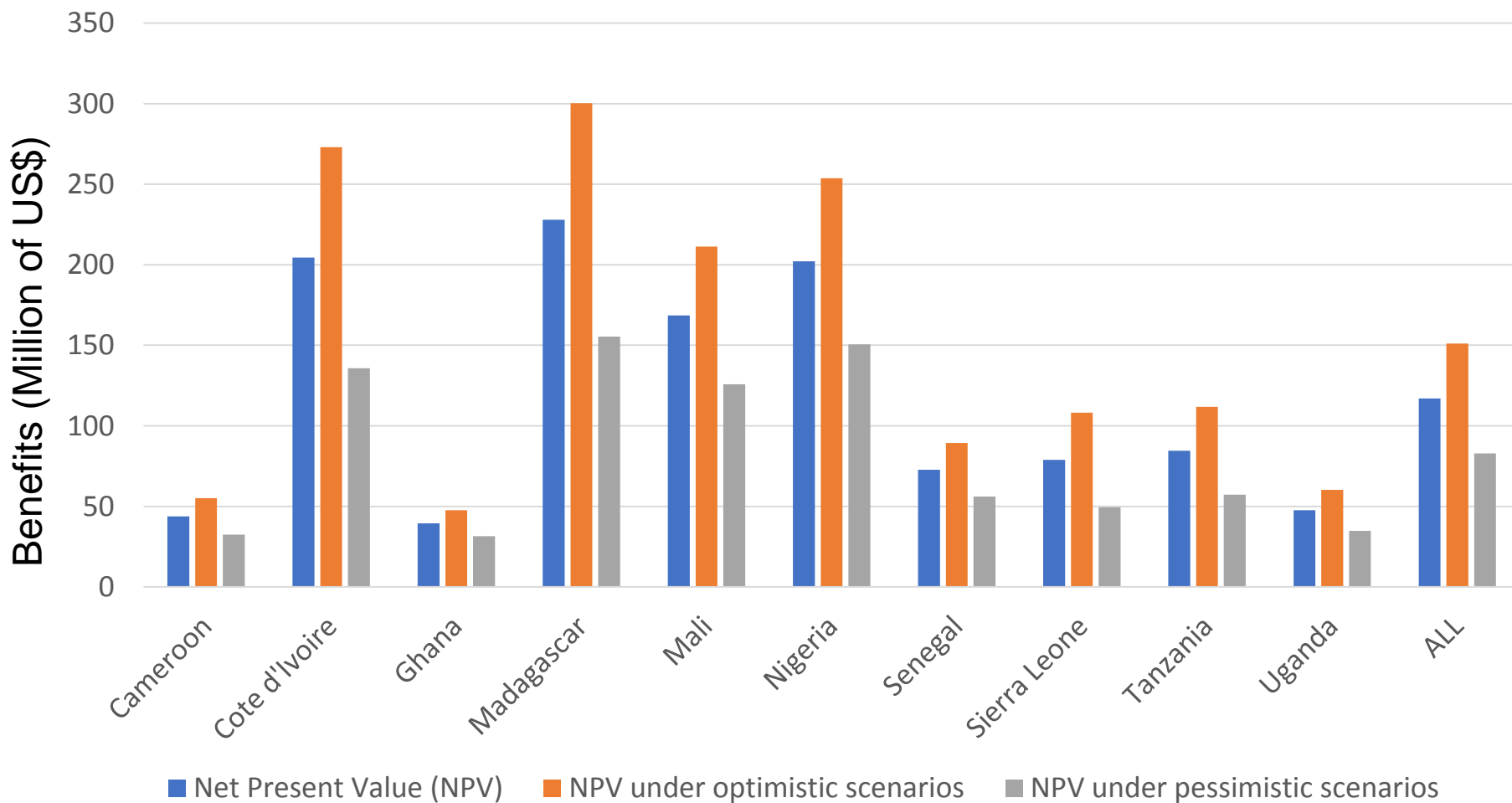


Figure 10: Net Present Value (NPV) of CIPRiSSA investments

Contribution to Economic Growth

NET PROFIT:
US\$ 2.1 Billion



CONTRIBUTION TO GDP:
US\$ 2.8 Billion

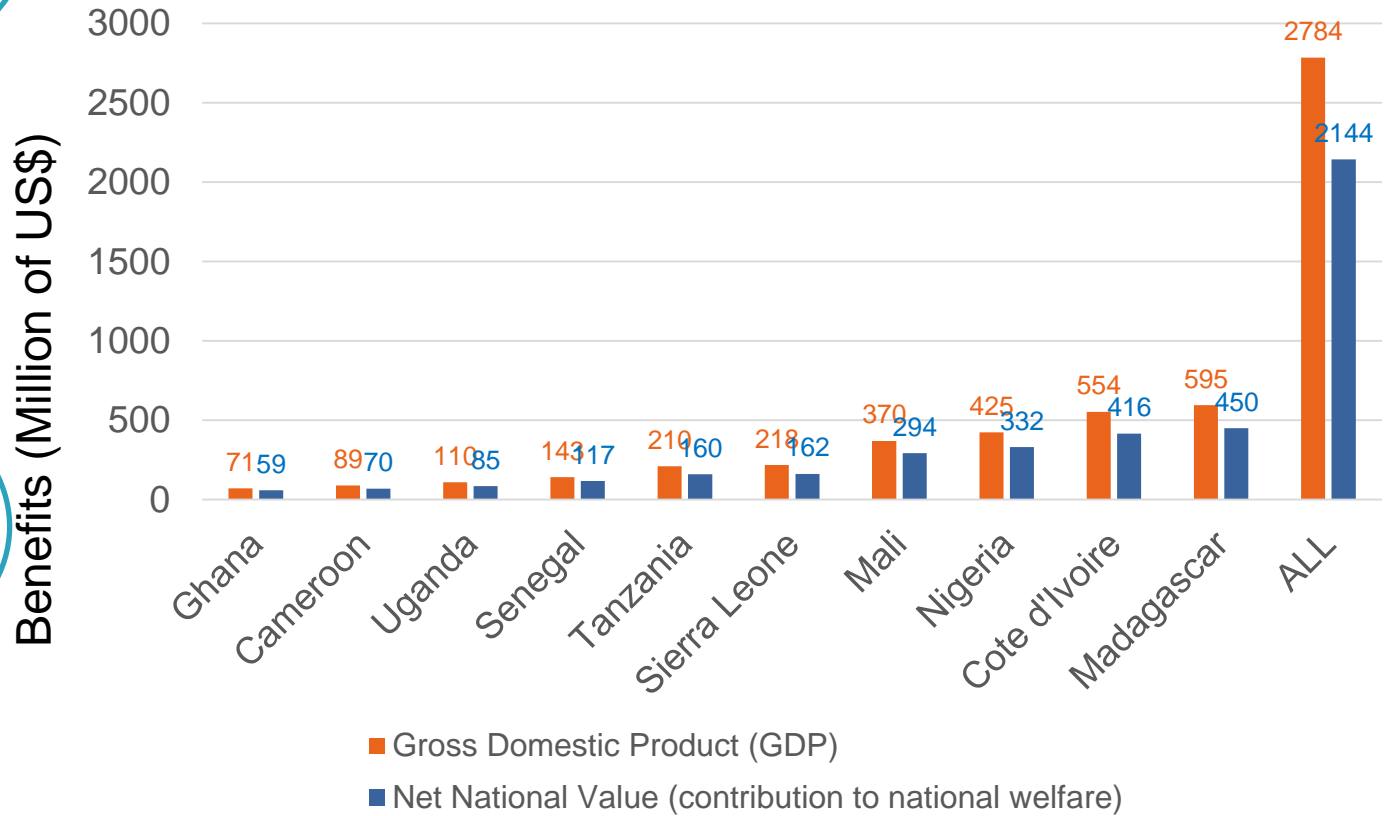


Figure 11: Contribution to GDP

Perspectives

- Develop CIPRiSSA for **other Africa countries**
- Conduct **road-shows** – AfricaRice, AfDB, World Bank (other interested development agencies) – presentation of results and potential funding facilities to key stakeholders and govt authorities Min Agric & finance (Done in **2 countries: Senegal and Uganda**)
- Development of project and identification of public & private sector investments with major global and regional players government and local private sector actors
- Install a support Unit of CIPRiSSA at AfricaRice

We thank all our partners for their financial and technical to the CIPRiSSA

Thank you