

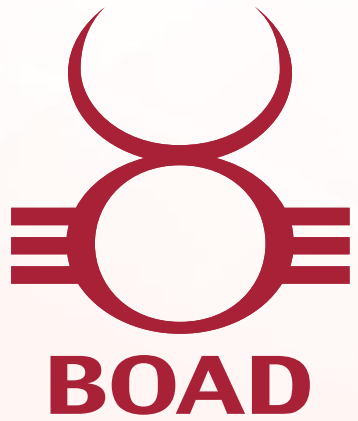


Development of Social Accounting Matrix frameworks : Use and outlook at BOAD and in WAEMU

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I. BOAD: mission and questions on its overall impact

□ Mission

- **Countries:** Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal, Togo
- **Regional integration:** financing infrastructure (interconnected roads, ports, airports, energy, banks).
- **Individual development of Member States:** energy finance, agriculture, finance/SMEs, health, education, telecoms, road, etc

□ Questions: what are the impacts (ex ante/ex post)?

- What are the overall impacts of our financing on the economy in each state?
 - ❖ indirect and induced value added; indirect and induced tax revenues, indirect and induced employment
- What are the inter-state impacts (integration) of our financing (agriculture, energy, infrastructure: ports, roads, airport)
 - ❖ Macro, Sectoral, Employment; welfare (urban, rural)



II. Tools to address impact issues

At project level

Economic rate of return approach

Qualitative approach

Quantitative approach: quasi-experimental

Quantitative approach: non-experimental

SAM/Leontief approach

At programme level

Qualitative approach

Quantitative approach: non-experimental

SAM/Leontief approach

MECG approach

Prospective impacts: Since 2015, SAMs have been used by BOAD to estimate the potential impacts of individual projects on:

- ❖ **indirect and induced value added; indirect and induced tax revenues; Indirect and induced employment**



III. Example of a practical case for using SAM/Leontief

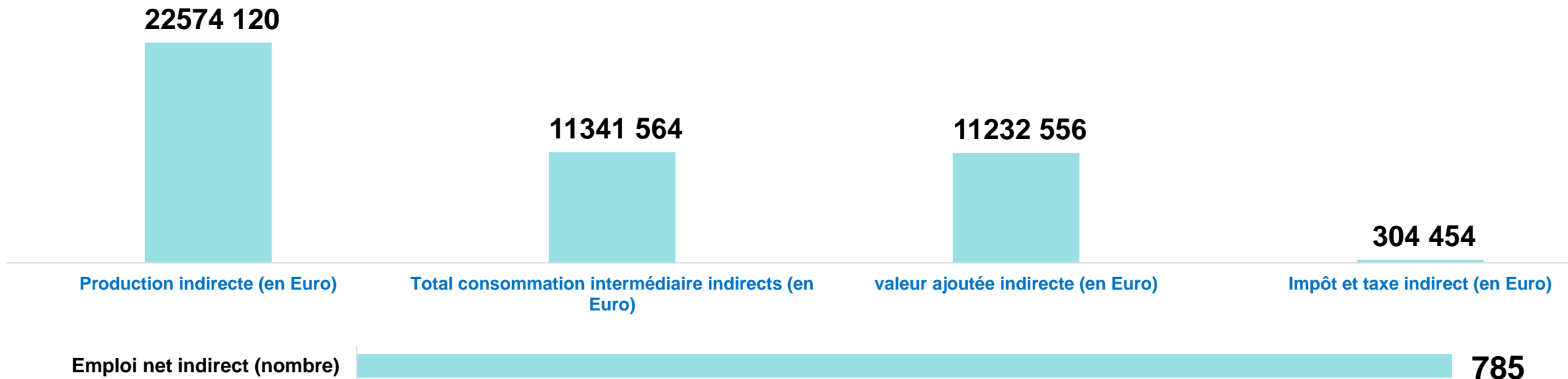
❑ Practical case: regional transmission line

Project to strengthen Côte d'Ivoire's northern corridor: construction of the second 225 kV Taabo-Kossou-Bouaké interconnection line and extension of the Taabo, Kossou and Bouaké 2 substations in the Republic of Côte d'Ivoire.

Among other things, the project is expected to increase the volume of energy exported to the countries of the sub-region from 1,333 GWh in 2020 to 2,215 GWh by 2022.

Funding amount : 30,353,798.42 Euros

❑ Indirect and induced impacts of financing



IV. Constraints and Solutions

❑ Constraints

- SAMs do not have enough branches (19 branches) to allow us to analyze our impacts: energy is combined with water; transport is not subdivided, agriculture is not segmented (rice; maize)
- No sub-regional SAM (for the 8 combined States) in order to analyse the inter-state impact (externality effect of regional / national projects)
- SAMs do not have the same base year and are not produced regularly

❑ Solutions: Regional Initiative UEMOA Commission, BOAD, 8 Member States

- Update the SAM with the same base year (**by 2025**)
- Build more detailed SAMs (**by 2025**)
- Develop a regional SAM when the first 2 projects are completed (**after 2025**)

❑ Solutions: PANAP could support the dynamic

- Technical assistance (like AFRISTAT)
- Financing of certain activities like workshops or help finding fund for surveys/ and studies
- Strengthening the synergy of actions with the WAEMU Commission and BOAD



THANK YOU FOR YOUR ATTENTION



Structuring of the MSC used: 19 branches of activity namely:

1. Accommodation and catering activities
2. Financial activities
3. Industrial export agriculture
4. Food farming
5. Other industrial activities
6. Atres services
7. Trade
8. Construction
9. Education
10. Breeding and hunting
11. Electricity, gas and water
12. Agri-food industries
13. Extractive activities
14. Fishing
15. Health activities and social work
16. Public administration activity
17. Forestry, logging and related services
18. Textiles, clothing and cooking
19. Transportation and Communication

