

# Renováveis para Auto-consumo em Moçambique

Renewables  
for Self-consumption  
in Mozambique

30 de Novembro 2021

Evento Híbrido: Hotel Radisson - Maputo & Online



## Advantages & Benefits panel - Renewables for Self-Consumption in Mozambique



**Simone Santi**

President of the Natural Resources and Energy Working Group

CTA

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## Natural Resources and Energy Working Group



The Working Group of the following objectives:

- (I) Lead the Private Public Dialogue on all matters related to mineral and hydrocarbon resources, as well as energy;
- (II) Promote debates and reflections on the energy sector and the exploitation of the country's natural resources;
- (III) Provide technical advice to CTA members and the business sector in general, on matters related to the energy sector and the exploitation of natural resources in Mozambique;
- (IV) Promote international partnerships.

O&G Operator

Members of the  
Pelouro

Power  
Generation,  
Transmission and  
Distribution

Natural Resource Investors

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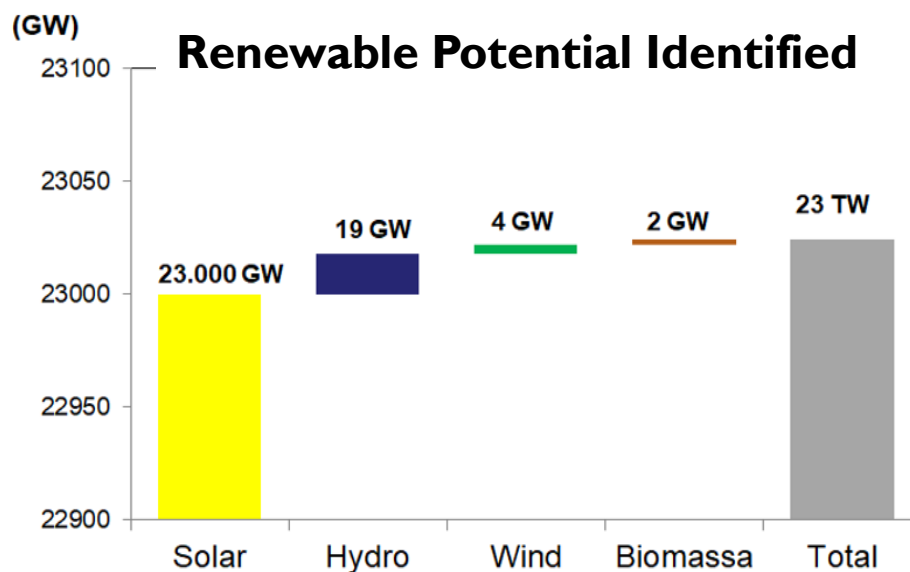
Mozambique has abundant renewable energy potential in all territory.

**7 AFFORDABLE AND CLEAN ENERGY**

**8 DECENT WORK AND ECONOMIC GROWTH**

**17 PARTNERSHIPS FOR THE GOALS**

The country is committed to reaching Universal Energy Access by 2030



Source: EDM

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Associação Lusófona de Energias Renováveis



Associação Moçambicana de Energias Renováveis



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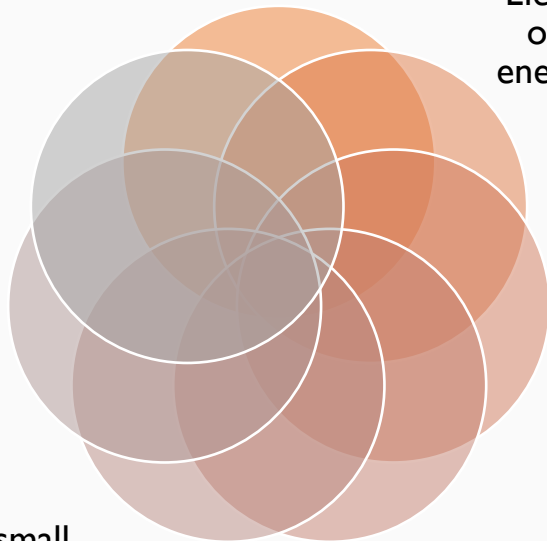
## Opportunities

Growing demand for electricity (commercial and industry sectors)

Grid-tied large scale utility projects (hydro, solar, wind and bio-mass)

Electrification strategy on way / renewable energy legal framework in discussion

Other appropriate technologies – wind, biofuels, biomass, clean cooking stoves, etc.



Benefits under the investment law

Mini-grids and small hydro plant projects in the off-grid space with higher density

Solar home systems (PASYG) in rural Mozambique with low population density



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## Challenges

- ✓ Simplified legal framework
  - off-grid / mini-grid legislation
  - import duties
- ✓ HR skills
- ✓ Logistics
- ✓ Readiness / capacity to pay for (higher) energy prices
- ✓ Social tariff models / capacity of public institutions to pay for energy



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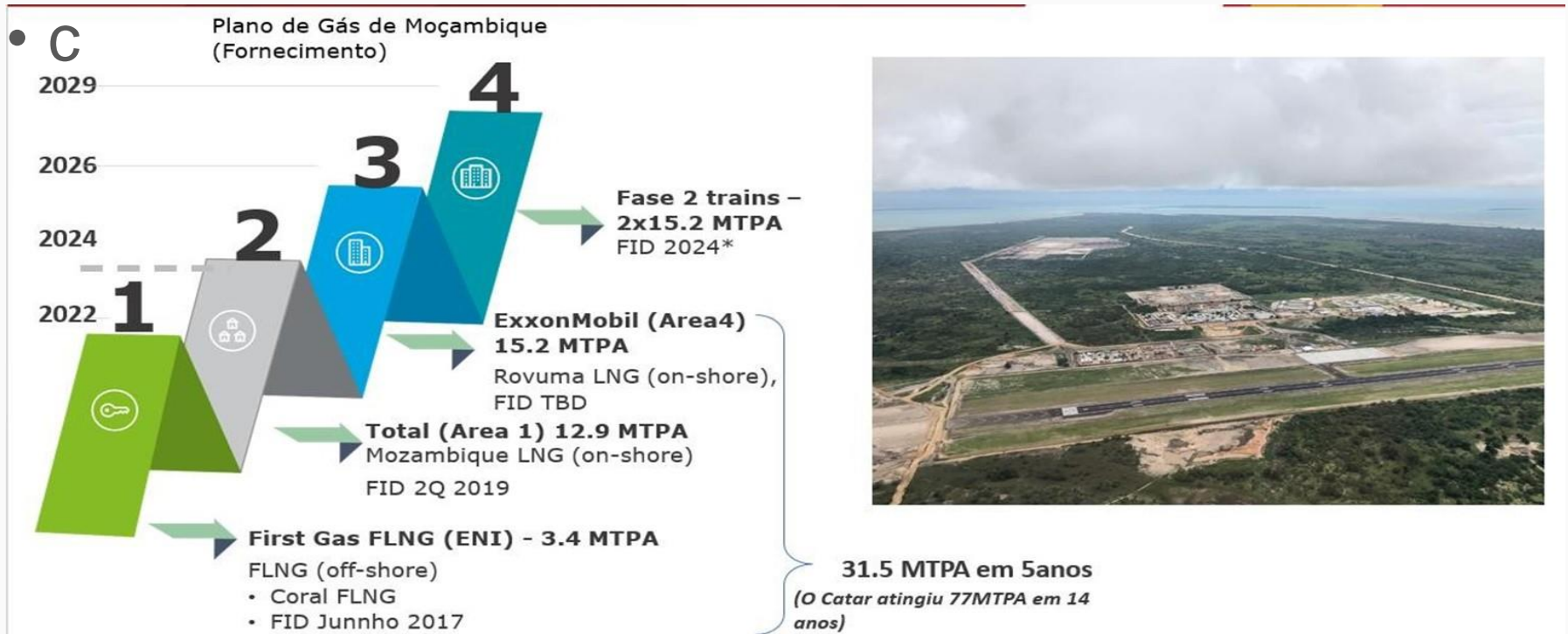
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## An Overview of Mozambique's Upstream LNG Projects



in 14 years Qatar

77 MTPA

in 5 years Mozambique

31.4 MTPA

source: cap gemini

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## THANK YOU!

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