

# Port platforms as a catalyst for sustainable development

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Managing Director



Port of  
Antwerp  
Bruges  
International





2nd largest  
port in **Europe**

13th largest  
port **in world**



Number one **export**  
port in Europe



20k **seagoing vessels**/year



Largest **car handling** port in Europe  
3.56 mio new cars/year



Largest integrated  
**chemical** hub in Europe



48k **barges**/year



15% of EU **gas** market  
1,000 km **pipelines**



Important **cruise** port in Benelux  
1 mio passenger movements



**Total throughput**  
271 mio tons/year



42k loaded cargo **trains**/year  
80 destinations



## Belgium's most important economic driver



14,322  
Hectares



1,400  
Companies



€ 20,8 billion  
Added value



4.5%  
GDP



164,000 jobs  
Direct and indirect

# Results

January – December 2023

Total freight volume  
271.3 million tonnes



-5.5%



169 cruise ships



liquid bulk 88.7 mio tonnes

-2.1%



dry bulk 14.8 mio tonnes

-13.9%



20,156 seagoing ships

-4.2%



containers 136.7 mio tonnes

-5.9%



conventional breakbulk 10 mio tonnes

-18.8%



roro 21 mio tonnes

-2.1%



containers 12.5 mio TEU

-7.2%



new cars 3.56 mio

+9%



reefer containers

+10.7%

# A significant global presence

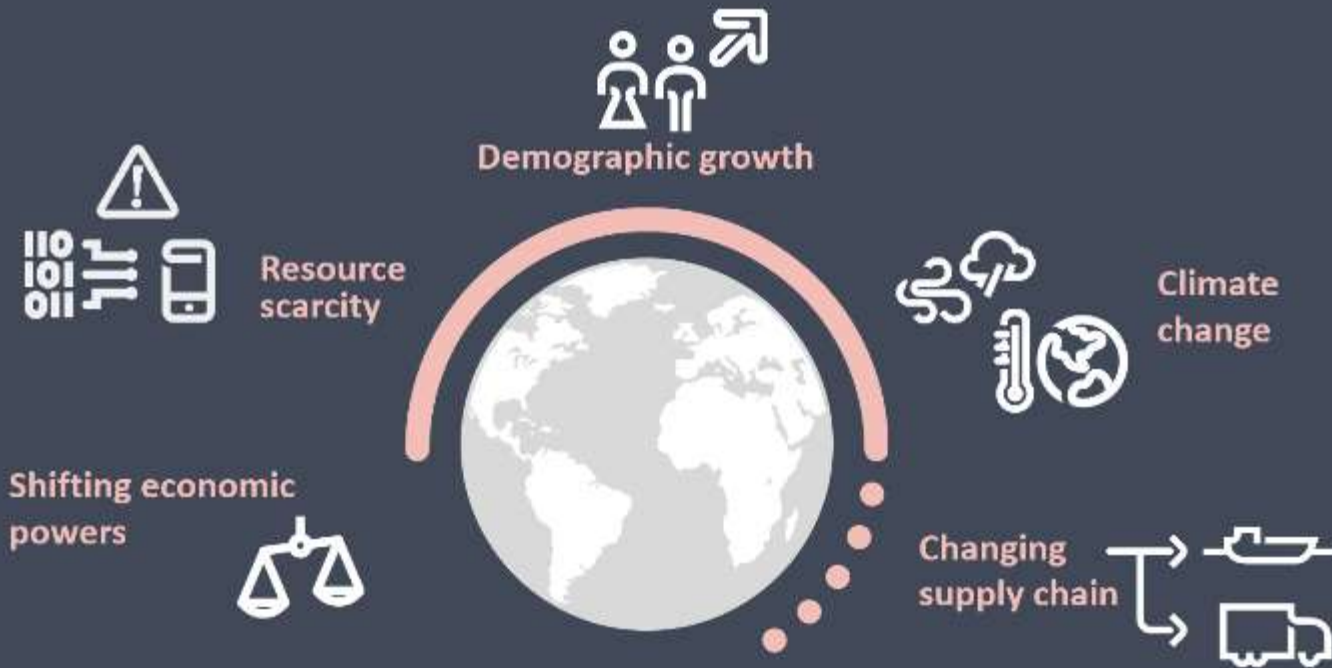
Promoting the port and sharing knowledge



-  Port of Antwerp-Bruges representation
-  PAI Project
-  APEC Project



# Disruptive global drivers



## Trends

Sustainability



Transition



Technology



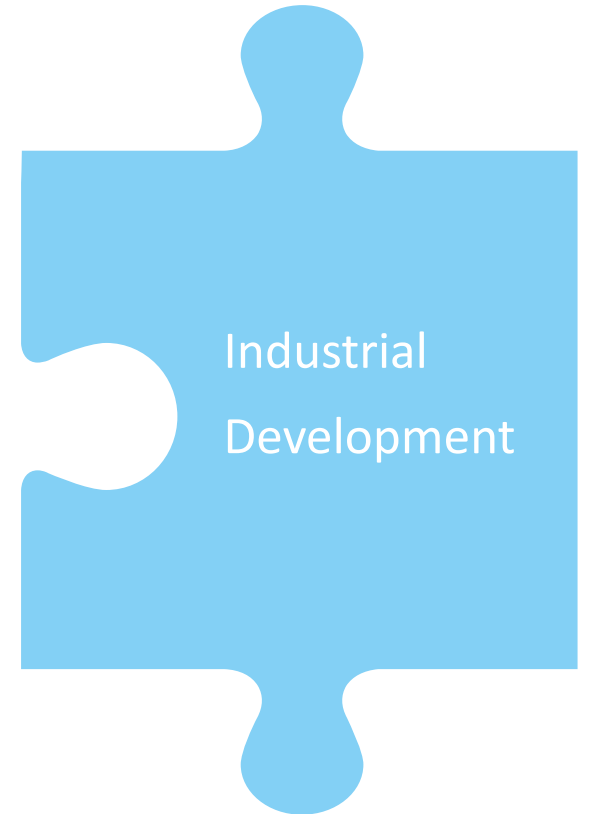
Collaboration



# Port platforms as a catalyst for sustainable growth



# Derisking Financing Port Infrastructure





## Example : Port of Cotonou



Only seaport of Benin



Partnership with the Benin government since 2018



Responsible for the management



2021: Moody's rating upgrade for Benin to B1



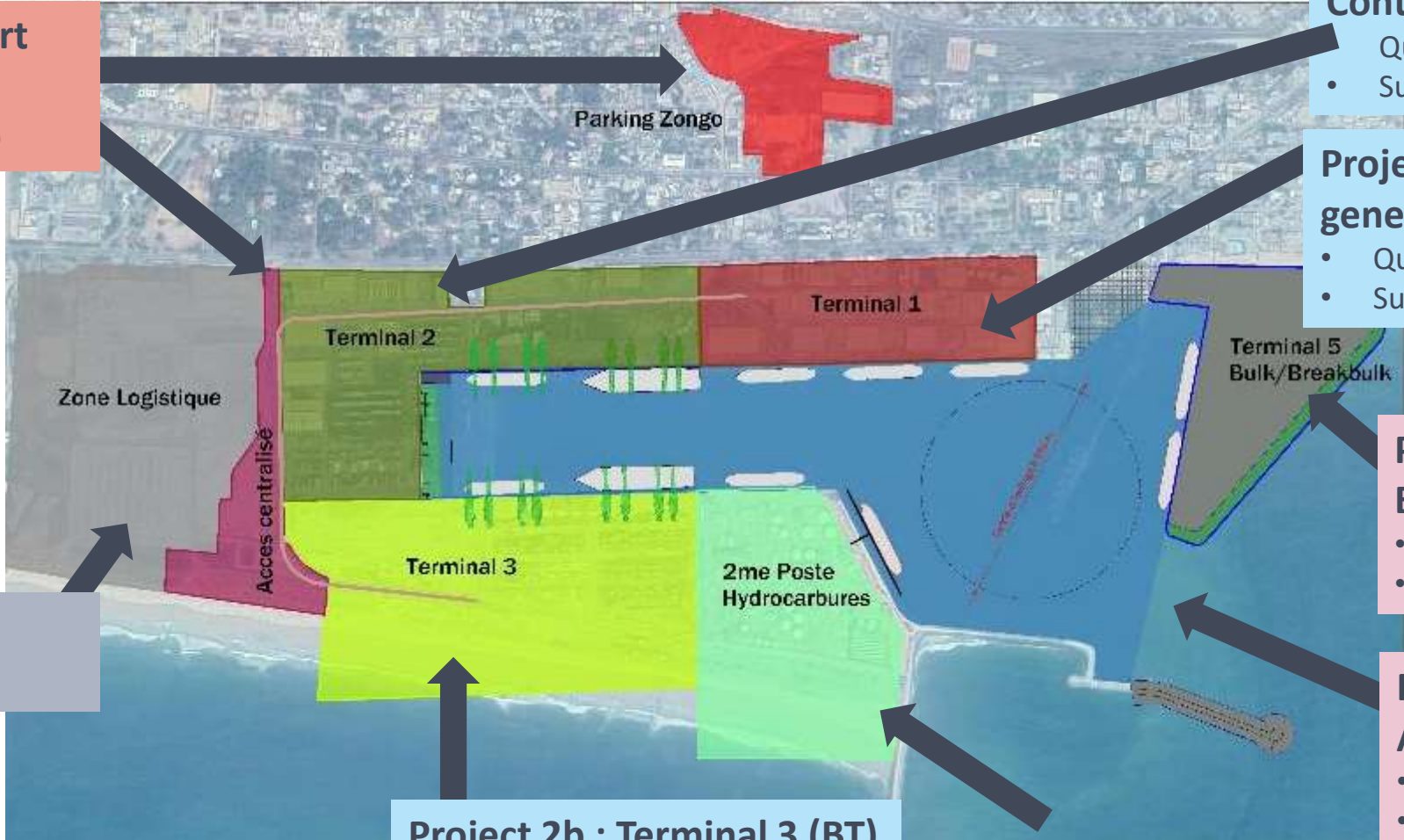
# Port of Cotonou Management Agreement



**Gradual transfer to the local team**

# Masterplan Cotonou

**Project 3 : New Port Acces and Parking Zongo**



**Project 2a : Terminal 2 - Containers and Roro**

- Quay 700 m (-15 m)
- Surface 36 Ha

**Project 2c : Terminal 1 – general cargo, Roro**

- Quay 845 m (-15 m)
- Surface 22 Ha

**Project 1 : Terminal 5 – Bulk & General Cargo**

- Quay 550 m (-15 m)
- Surface 23 Ha

**Project 4: Logistics Zone 44,5 Ha**

**Project 1 : Maritime Acces**

- Length 350 m
- Width 52 m
- Draft 14,5 m

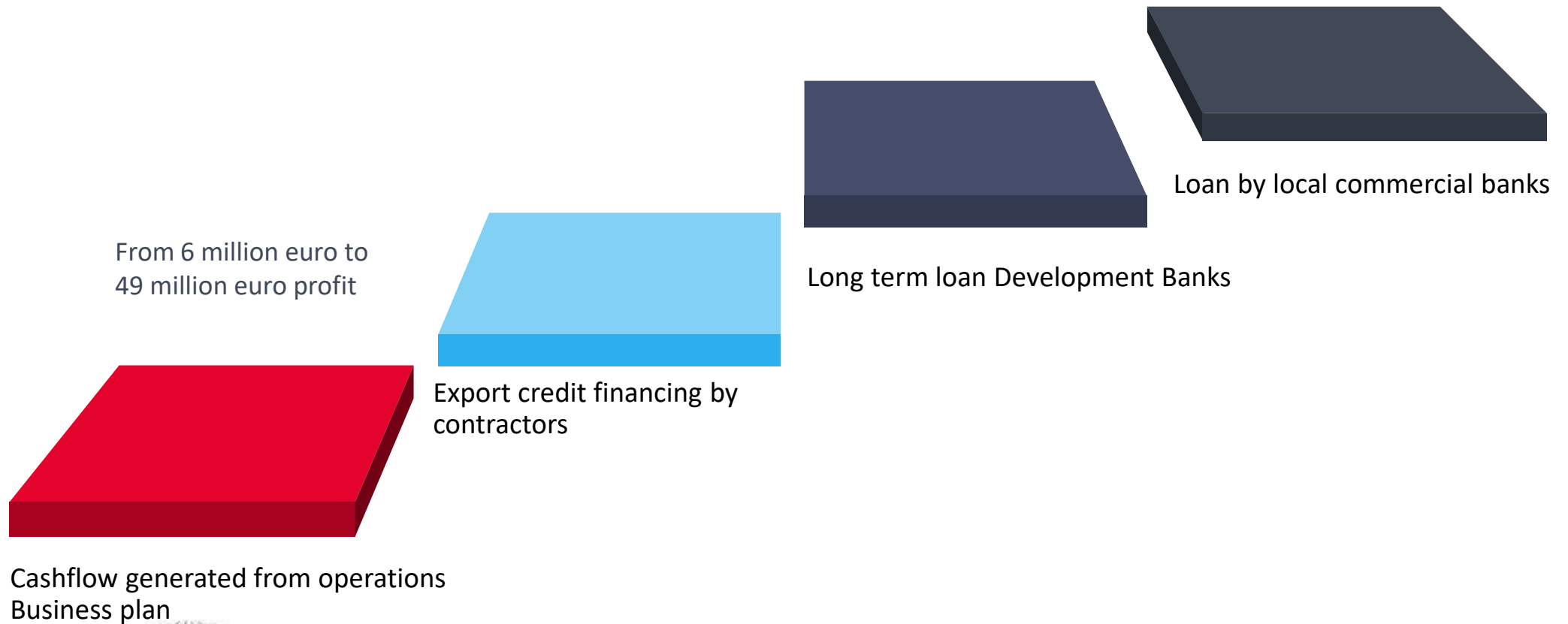
**Project 2b : Terminal 3 (BT) - Containers**

- Quay 700 m (-15 m)
- Surface 36 Ha

**Project 5 : Additional Liquid Jetty (-15 m)**



# Financing Masterplan Cotonou : 3% Benin's GDP

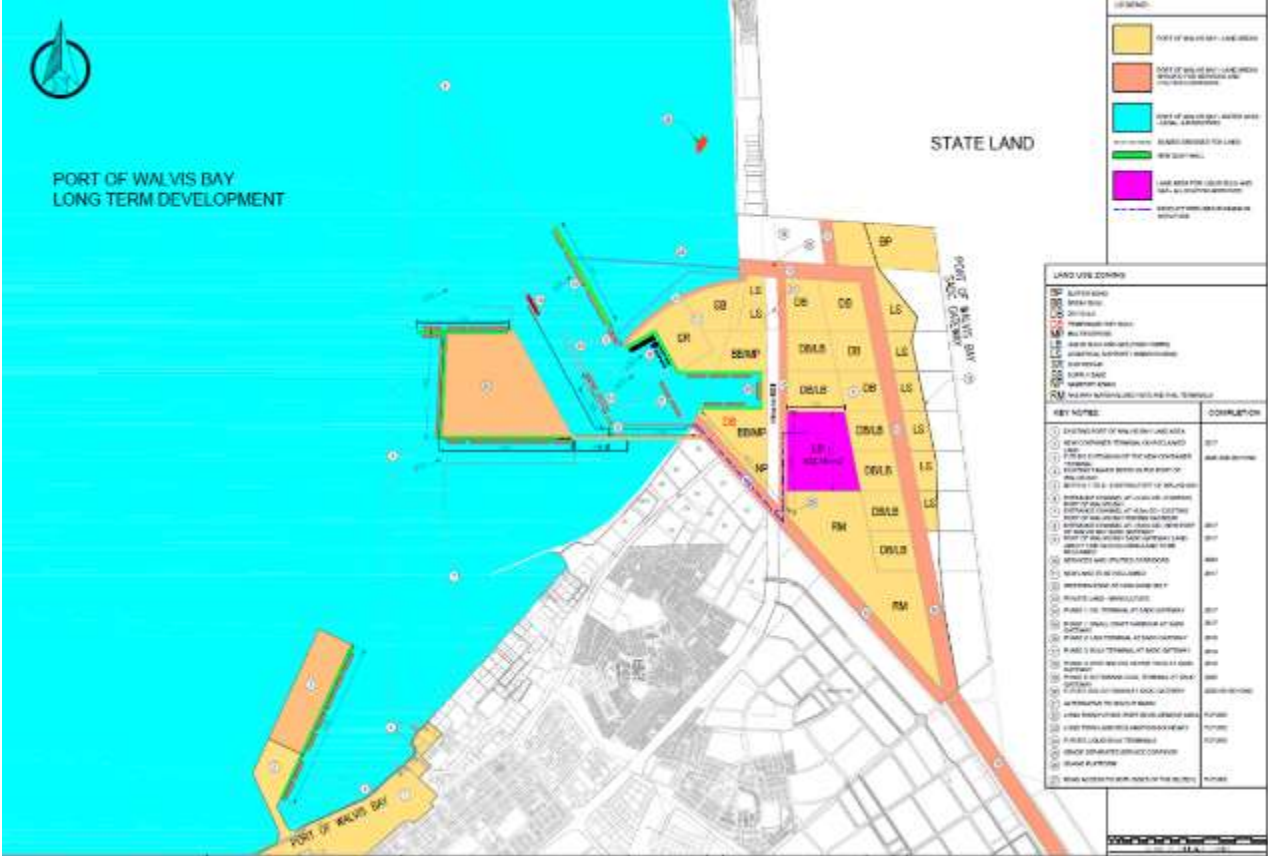


# Further development of Walvisbay

An economy that works for the people



# Nort Porth Development



## Improvement of the transport network from and to the Southern African Development Community (SADC)

Ports globally, and the port of Walvis Bay in particular, are experiencing significant congestion due to backlogs in cargo and delays in deliveries.

The port of Walvis Bay being the gateway to the SADC, means that ensuring goods can flow in (e.g. raw minerals from the Southern and Central African Copper Belt), but also out of the port is of the utmost importance.

The enhancement of the current logistical network relying on a multi-modal philosophy (road and rail) should be carried out as a prerequisite to any further development plans.



# Namibia

## Central Region



### Vision for Namibia's three green valleys

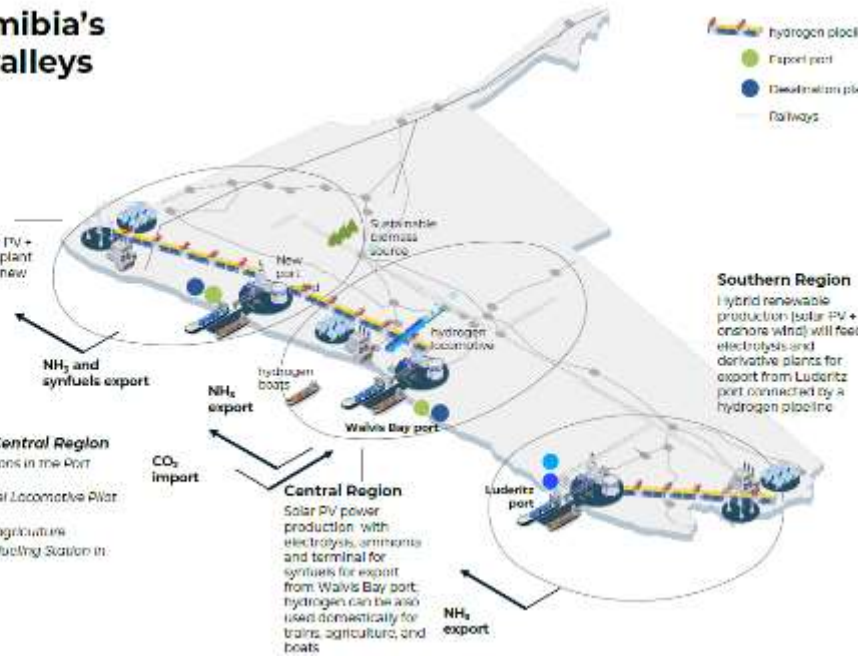
Illustrative

#### Northern Region

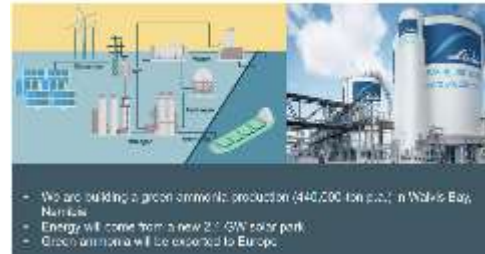
Hybrid renewable production (solar PV + onshore wind) will feed electrolysis plant and ammonia production near the new port facility

#### Confirmed pilot projects in Central Region

- Project 1: Green Hydrogen Applications in the Port Environment
- Project 2: Hydrogen-Diesel Dual Fuel Locomotive Pilot Project Proposal for Namibia
- Project 3: Ocean Green Hydrogen - agriculture
- Project 4: Hydrogen Pilot Plant / Refueling Station in Walvis Bay



### Green Ammonia Production in Namibia



zhero

## Walvis Bay as hub for the green H2 Economy in the Central Region

### Projects under development in the Central Region

- Cleanergy Solutions.
- Elof Hansson Clean Tech.
- Zhero
- HyIron
- HDF Energy.
- Daures Green Hydrogen & Fertilizer.
- Some of these investment projects are larger than Namibia's National GDP







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