

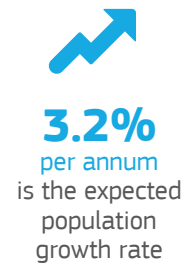
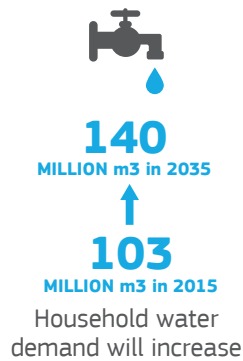
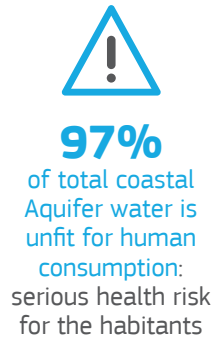
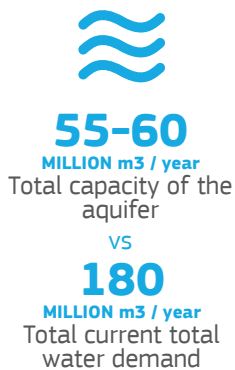
GIVING GAZA HOPE

GAZA CENTRAL DESALINATION PLANT PROVIDING WATER TO 2 MILLION PEOPLE

WHY?

THE AVAILABILITY OF FRESH WATER IN THE GAZA STRIP IS AMONGST THE LOWEST IN THE WORLD

2 million people rely for water on the overexploited Coastal Aquifer:



IMPACT

THE GAZA CENTRAL DESALINATION PLANT WILL PROVIDE SELF-SUFFICIENT, EQUITABLE, AFFORDABLE AND SUSTAINABLE ACCESS TO SAFE WATER FOR ALL PALESTINIANS IN GAZA

Humanitarian

- ◆ Alleviating humanitarian crisis
- ◆ Improving living conditions and public health

Economic

- ◆ Creating new job opportunities
- ◆ Boosting economic growth, productivity (industry, agricultural, etc.) and revenue collection

Security

- ◆ Tackling water scarcity as a driver of conflict
- ◆ Creating better perspectives for young people, decreasing social tensions

Political

- ◆ Supporting Palestinian Authority in providing for the needs of Palestinians in Gaza
- ◆ Ensuring viability of two-State solution

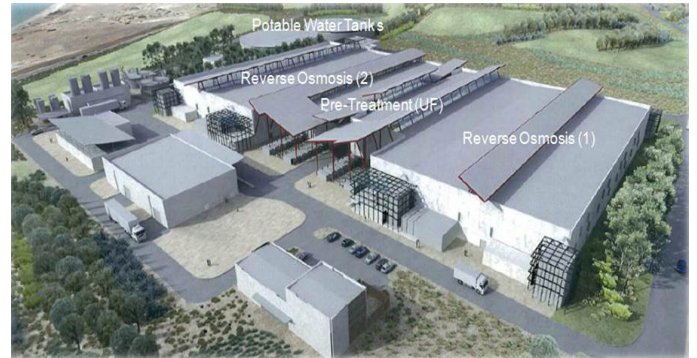
Environment

- ◆ Reducing pollution in the Eastern Mediterranean
- ◆ Lowering water losses through the development of better treatment and reuse of waste water

WHAT?

THE GAZA CENTRAL DESALINATION PLANT

- Initial capacity: **55 million m³ per year.**
- Maximum capacity: **110 million m³ per year.**



ENERGY SUPPLY TO POWER THE PLANT (15% RENEWABLE)

- On-site fossil plant and solar panels installed on the roofs of the buildings
- Off-site solar panel plant and two wind turbines

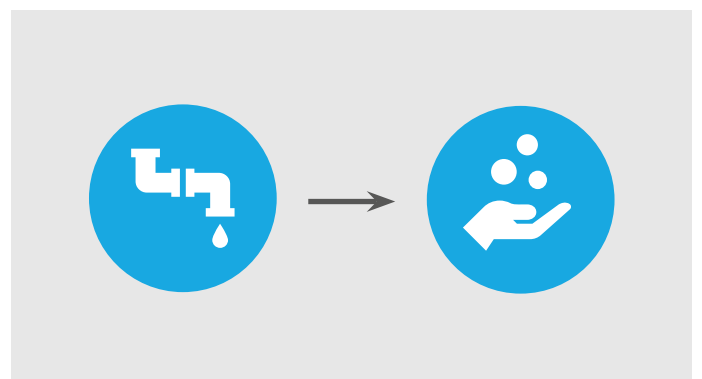


NORTH-SOUTH CARRIER TO DISTRIBUTE FRESH WATER THROUGHOUT THE GAZA STRIP

- Main carrier + North, Middle and Southern transmission main network for a total length of 110 km
- A pumping station
- 5 main booster stations
- Reconfiguration of water distribution system for all 25 municipalities in the Gaza Strip



A STRATEGIC PLAN TO REDUCE WATER LOSSES TO 20% AND TO INCREASE REVENUE COLLECTION



COSTS

Desalination Plant	€215 million
Power plant	€87.5 million
North-south conveyer	€130 million
Plan to reduce water losses	€30 million
Other costs	€99.8 million
TOTAL	€562.3 million