



## Luncheon with Catarina Albuquerque

### *"Challenges and Opportunities in Sanitation and Water for All"*

#### Water, the Portuguese Water Sector, and the Portuguese Water Partnership

*Francisco Nunes Correia*  
President



Lisbon, 28<sup>th</sup> October 2016



Water is “many things”  
... to many different people!

***they are ALL important!***  
***they ALL must be considered!***

such as:

irrigation

water food link

energy

water energy link

ecosystems services

nature conservation link

and, of course,

water supply and

sewage treatment

hygiene link



*Water is a common  
thread of environment  
and development*

*An integrated approach  
is always required !*

## How important is this topic in the global agenda?

WORLD  
ECONOMIC  
FORUM

### Resilience Insights

The Global Risks  
Landscape 2016

### Water Crisis

Failure of Climate Change  
mitigation and adaptation

Energy

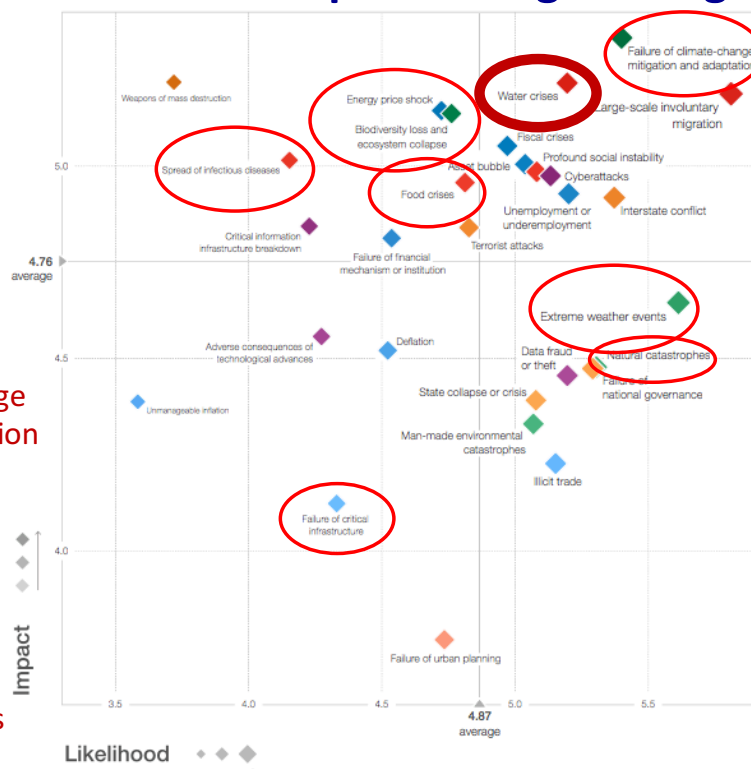
Spread of diseases

Biodiversity

Extreme events

Natural catastrophes

Failure of infrastructure



## How important is this topic in the global agenda?

United Nations

A/RES/70/1



General Assembly

Distr.: General  
21 October 2015

Seventieth session  
Agenda items 15 and 116

**Resolution adopted by the General Assembly on 25 September 2015**

[without reference to a Main Committee (A/70/L.1)]



**70/1. Transforming our world: the 2030 Agenda for Sustainable Development**

## Sustainable Development Goals Agenda for 2030



...  
**6.2. By 2030, achieve access to adequate and equitable sanitation and hygiene for all**  
...

# Sustainable Development Goals

## Agenda for 2030



Water is explicitly mentioned in goals: 3, 11, 12 and 15

Water is also very relevant for goals: 1, 2, 5, 7, 13, 14, 16 and 17

... probably important for **all !!!**

## Portugal has done a long and successful way

Evolution of the water sector in 1993-2013 and current targets

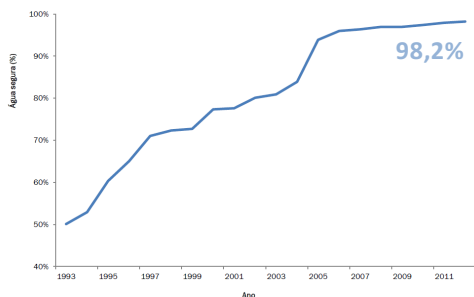




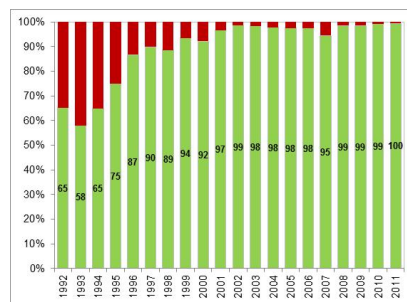
Quality controlled water supply in accordance with national and EU standards



Safe Drinking Water (%)



Bathing water quality (%)



A boom in attendance and quality of service!!!

*"The Portuguese miracle..."*

*Paul Reiter, Former Executive Director of IWA*

It was not a miracle!

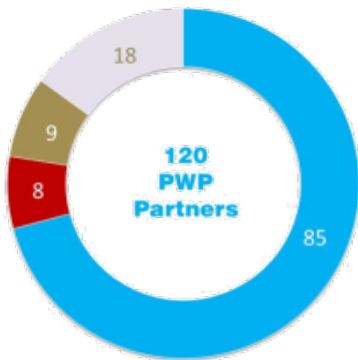
It was the outcome of a solid and mature cluster of private and public institutions dedicated to water





Portuguese Water  
Partnership

## The PWP has four types of Members



■ Companies

■ Research Centers

■ Public Administration

■ NGOs and Professional Associations

Public administration

Universities and R&D  
centers

Professional associations and  
civil society

Public and private companies



Portuguese Water  
Partnership

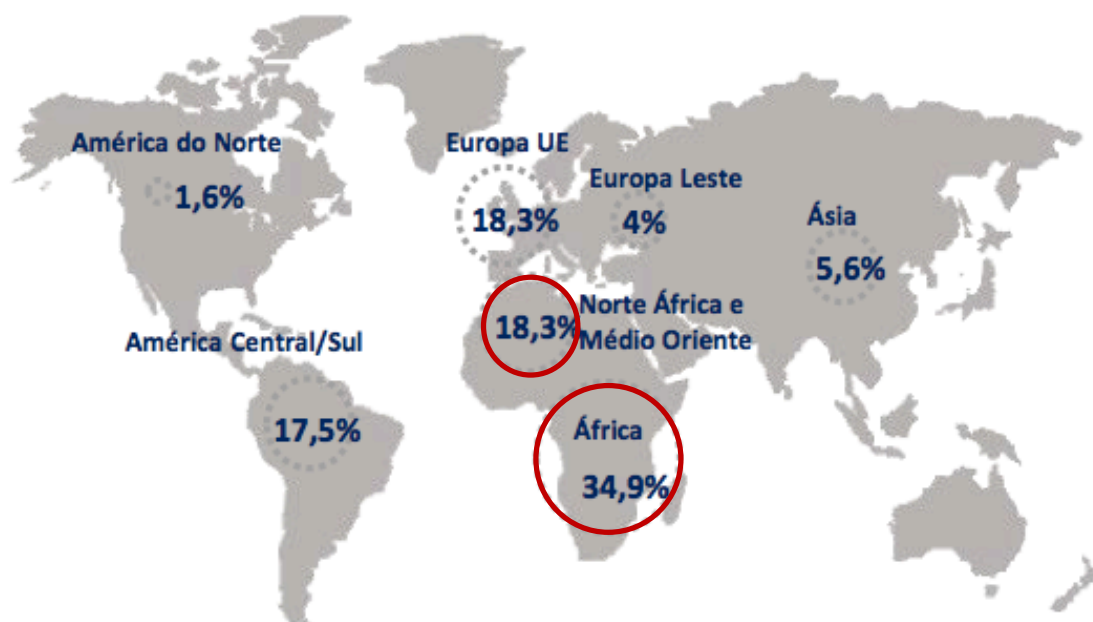


## Portuguese Companies Doing Business in the World



Source, PPA web site: [www.ppa.pt](http://www.ppa.pt)

## Portuguese Companies Doing Business in the World



Activity abroad of the Portuguese companies  
**53,2 % in Africa**



## Africa

On the average Africa uses less than 4% of water resources  
**this is 5 times less than US or Europe!**

Africa has the lowest withdrawal per capita in the world  
**1/4 of world average, 1/2 of second lowest**  
(South East Asia)

**Africa loses:**

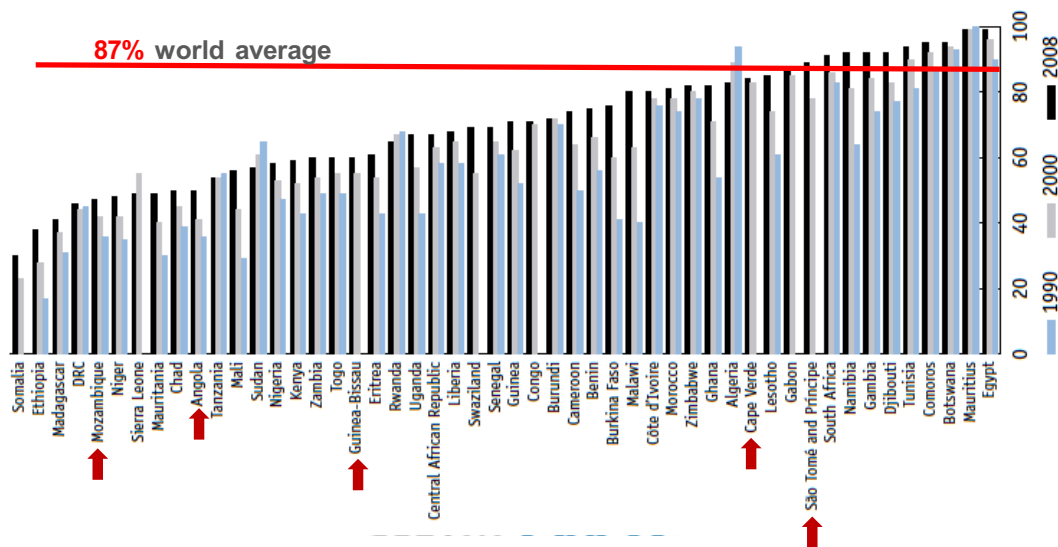
- 5 % of its GDP because of poor coverage of water supply and sanitation**
- 2 % of its GDP because of power outages**
- Between 5 % and 25 % because of droughts and floods**
- Additional 5 % with future impacts of climate change**





## Africa

### Percentage of population with improved drinking water source 1990-2008

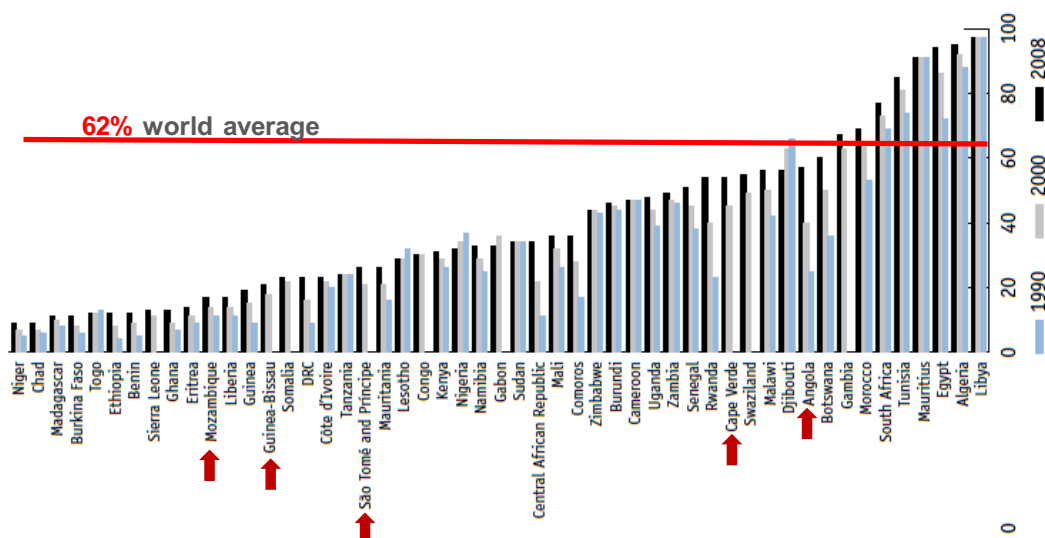


Only 10 countries equal to or above the world average



## Africa

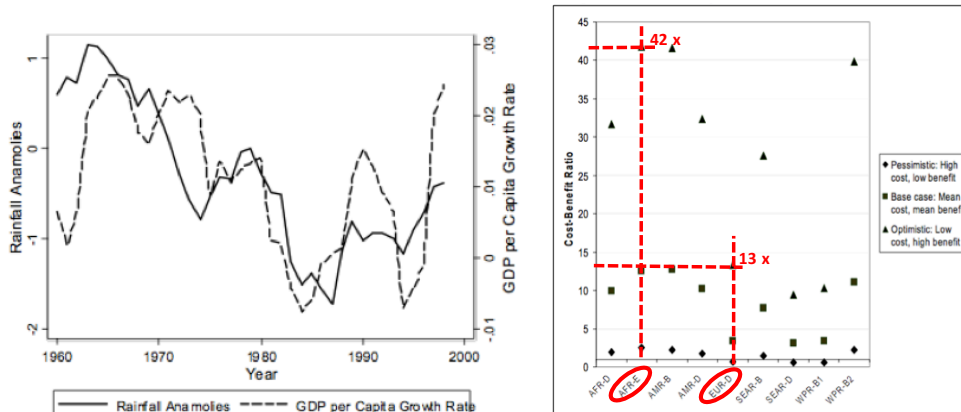
### Percentage of population with improved sanitation 1990-2008



Only 8 countries equal to or above the world average



## An enormous lack of infrastructure



Precipitation as a tremendous impact on GDP per capita – **lack of infrastructure !**

Benefit-cost ratio of investing in water and sanitation – up to 13 in Europe, up to 42 in Africa !

**It is certainly one of the best investments that a society can make !**

## Portugal has been for centuries a country open to the world

This attitude gives us a great **motivation** and **openness** for dealing with all nations and continents, regardless of their cultures and beliefs

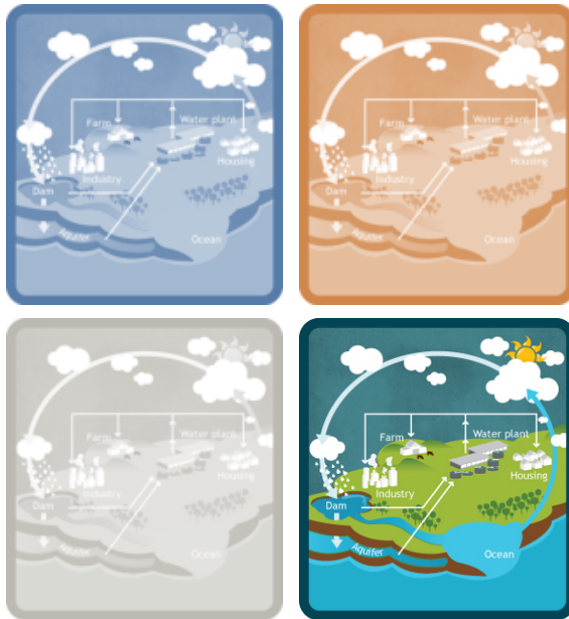




Portuguese Water  
Partnership



## THE MAIN GOAL



**sustainable provision of  
water for all uses,  
at an affordable price,  
managed by a fair  
system of governance !**

**when it comes to sanitation**

**and health (WASH):  
We are talking about a  
Human Right !**



Portuguese Water  
Partnership

## How important is this topic in the global agenda?

United Nations

A/RES/64/292



**General Assembly**

Distr.: General  
3 August 2010

Sixty-fourth session  
Agenda item 48

**Resolution adopted by the General Assembly on 28 July 2010**

*[without reference to a Main Committee (A/64/L.63/Rev.1 and Add.1)]*



**64/292. The human right to water and sanitation**



## The General Assembly of the United Nations

***“Recognizes the right to safe and clean drinking water and sanitation as a **human right** that is essential for the full enjoyment of life and all human rights”***

28 July 2010 : Resolution 64/292

***Whatever we possess becomes of double value when we have the opportunity of sharing it with others !***

***JEAN-NICOLAS BOUILLY (1763-1842)***

**Thank you !**