Porto – A Basin-Connected city

Douro River Basin

Cláudia Costa

INBO Webinar
« City-basin dialogue:
INBO-IWA methodological guide
on cities connected to their basin »

10th November 2020
Porto :: Key figures and facts

- 2nd Biggest City in Portugal
- 41.42 km²
- Douro River
- The historic Centre is listed as UNESCO World Heritage
- One of the oldest in Europe
- Best European Destination in 2012, 2014 and 2017

**237,591**
Resident Population (2011)

**500,000**
Floating Population (2011)
Porto.
A city shaped by water.
:: Our company has a 360° vision. Key figures.

157,949
Number of clients

514
Number of employees

78%
Customer satisfaction level

€ 15.8
Average bill for a standard family

13.5 M€
EBITDA

817.6 km
Extension of water pipe network

99.6%
Water quality

17%
Non revenue water

557.8 km
Extension of sewers network

100%
Fulfillment of discharge criteria

660 km
Extension of stormwater network

66 km
Extension of water lines

9
Number of beaches with Blue Flag

52,000
Number of visitors of Water House

ALL WATER IS ONE WATER
The Water courses in the city

Rivers and streams

66 km
Rivers and streams

76%
Are Piped
Strategic axis

CLEAN UP

DAYLIGHTING

REHABILITATION
Strategic axis
:: Clean up

Clean and Inspect

River Guards (Kingfisher)

Infiltration/Inflow control

Water Quality Monitoring
Strategic axis
:: Daylighting and Rehabilitation

- Nature Based Solution
- Flood Control
- Climate change adaptation
- Landscape enhancement
- Increase Biodiversity
- Life Quality
- Improve water quality
- Conneion with Nature
- Climate change adaptation
- Improve water quality
Exemples of interventions
:: Promotor: Águas do Porto

Granja Stream – Quinta do Rio

Section

Before

After

In rainy season
Exemples of interventions
:: Promotor: Águas do Porto

Granja Stream – Ramalde do Meio Section

Before                                    After
Stakeholders Engagement

Water for People

Private and Public Investment

PDM

Involving Other Cities

Water Education
Stakeholders Engagement
:: Water for People
Stakeholders Engagement
:: PDM - Municipality Director Plan

THINK BLUE TO MAKE YOUR CITY GREEN
Stakeholders Engagement
:: Private and Public Investment

Granja Stream Daylighting
SACHE (private residence area)

Asprela Stream Daylighting
University of Porto

Central Park of Asprela Stream
Porto Municipality and University of Porto
Stakeholders Engagement
:: Involving Other Cities

Tinto River Rehabilitation
Porto and Gondomar Municipality

A river knows no borders.
Stakeholders Engagement

:: Water Education

Water House: Interactive Environmental Education

Water Heritage
H2Porto: Tecnological Platform
:: Architecture and key features
POWERED BY PEOPLE, DRIVING BY INNOVATION!
THANK YOU!

CLÁUDIA COSTA

claudia.costa@aguasdoporto.pt