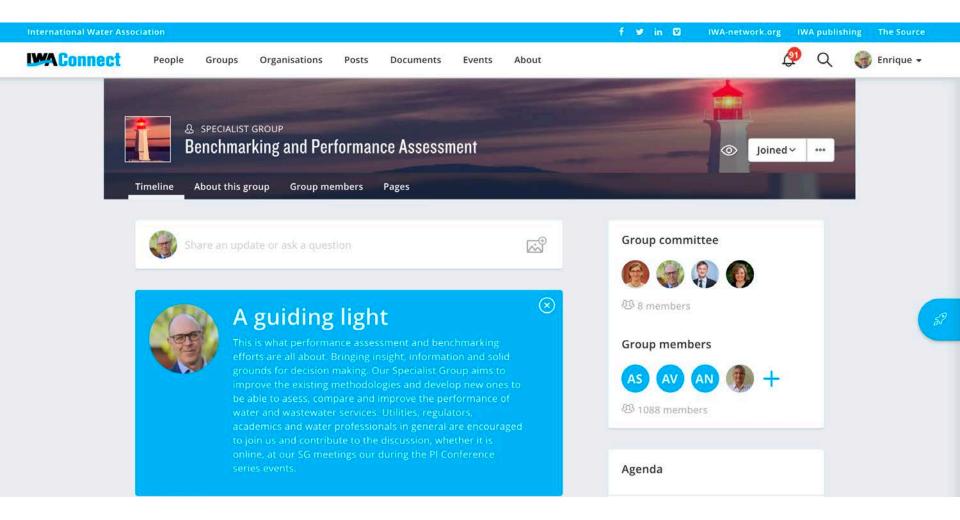




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#### THE BPA SPECIALIST GROUP



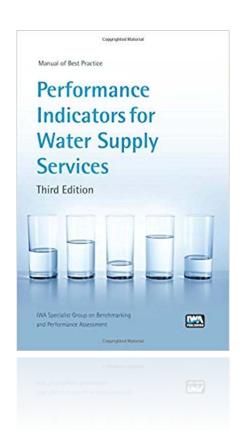


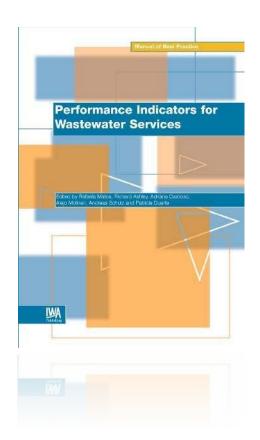


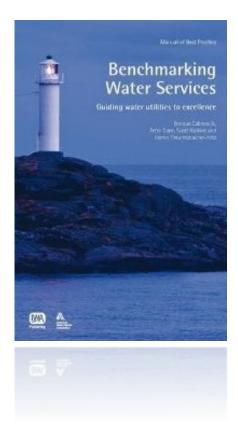


#### WHY IWA IS RELEVANT IN PI



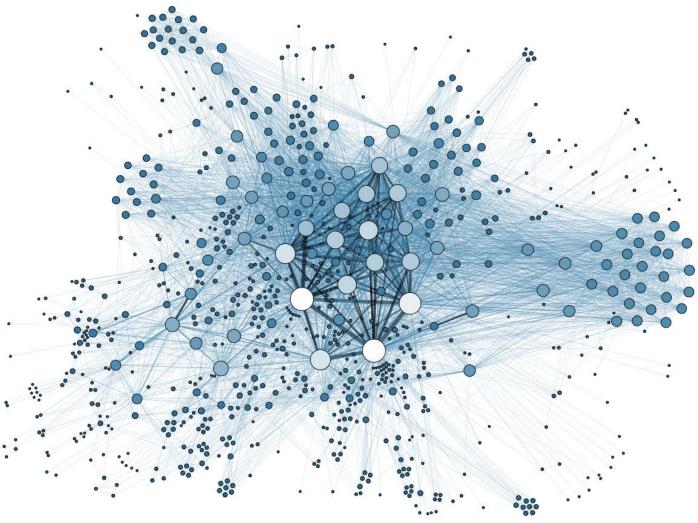






#### WHY PI?





#### **JUST TOOLS**





#### **LOOKING BACK...**



- 1990's
  - OFWAT
  - 6 CITIES
  - IWSA Workshop Performance Indicators

90's

#### **LOOKING BACK...**



- IWA Manuals
- IWA Field TEST
- WSAA Facts
- World Bank Start Up Kit
- Sigma
- German Benchmarking
- Austrian Benchmarking

00's

#### **LOOKING BACK...**



- IWA Manual Benchmarking
- PI Conference series
- IWA Regulators Forum
- 3rd Edition IWA Manual PI Water Supply

**10's** 

#### INTERNATIONAL INITIATIVES



#### **IBNET**



#### **IBNET**



English Español Français Pyccкий



ABOUT US TOOLKIT

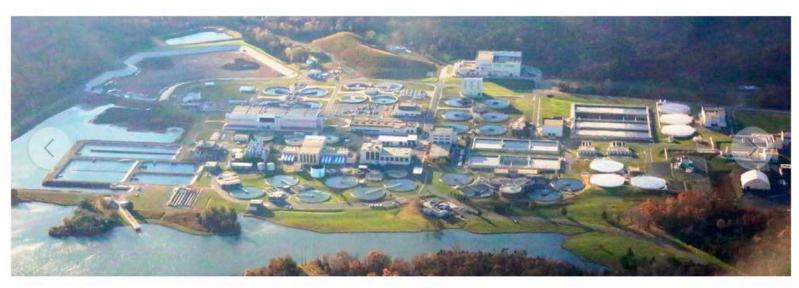
BENCHMARKING METHODOLOGIES

PARTNERSHIP

RESOURCES

BENCHMARKING DATABASE

TARIFF DATABASE





**Download Toolkit** 



**Benchmarking Database** 



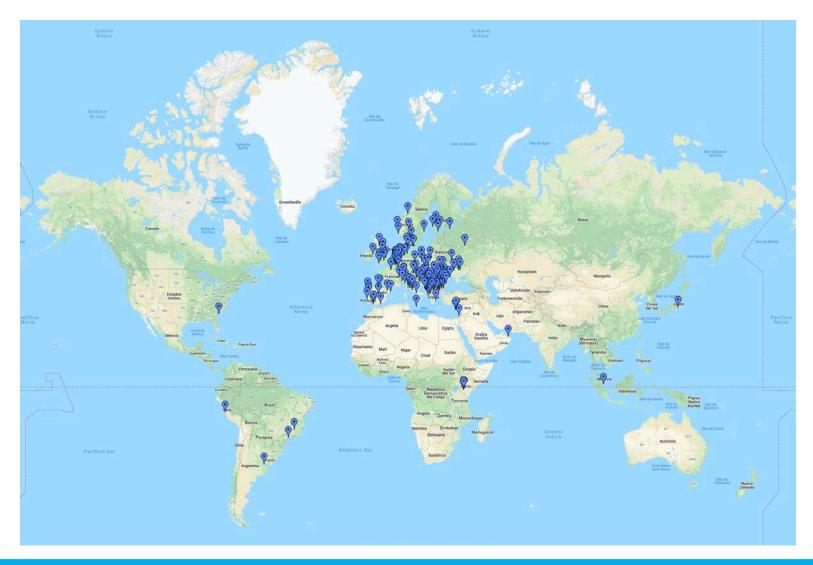
**Tariff Database** 

#### **EBC**



#### **EBC**





#### **DANUBIS**



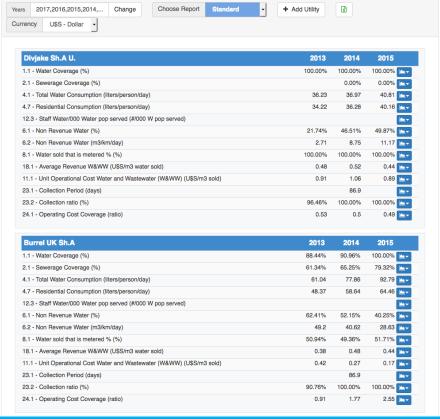
#### **DANUBIS**



DANUBIS.org WATER PLATFORM				SEARCH		deleccionar idioma	LOGIN	
HOME	WATER NEWS & EVENTS ▼	UTILITY DATABASE ▼	COUNTRY RESOURCES ▼	SECTOR RESOURCES ▼	COUNTRY PORTALS ▼	ABOUT US <del>▼</del>		

#### **UTILITY INDICATORS**

Utility Database ▶ Utility indicators ▶



#### **AQUARATING**



#### **AQUARATING**



#### **REGULATORS**



OFWAT	UK
ERAS	Caba (Argentina)
HV	Croatia
ERRU	Albania
ANRSC	Romania
WICS	Scotland (UK)
ARRU	Republic of Kosova
REWS	Malta
HEA	Hungary
ARESEP	Costa Rica
PURA	The Gambia
ERSARA	Portugal - Azores
NCC	Lithuania
NIAUR	Northern Ireland
CRA	Colombia
SUNASS	Perú
SISS	Chile
ARCA	Ecuador
ERSAR	Portugal

#### **EXAMPLES FROM PI 2017**



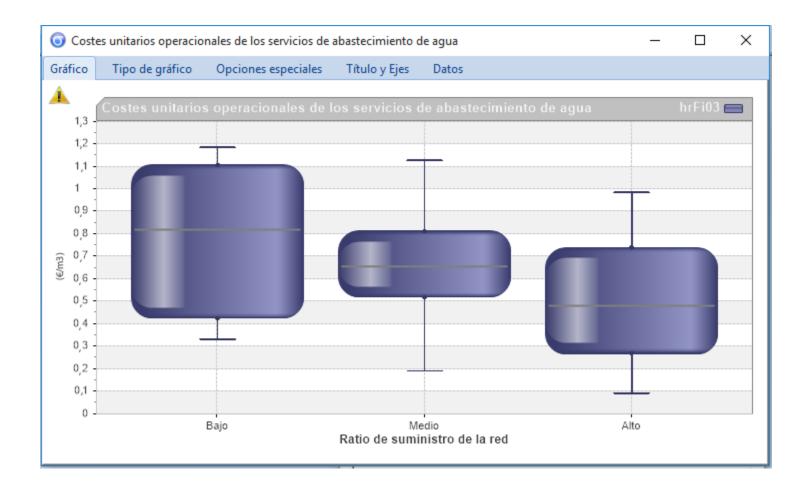
Romania	Private Company
landa a d	
Ireland	University
"Latinamerica"	Group of regulators
Denmark	Ministery & Utilities
Africa	Development Bank
South Africa	Private Company
Nigeria	University
Portugal	University
Yemen	University

# WHAT ABOUT THE FUTURE?

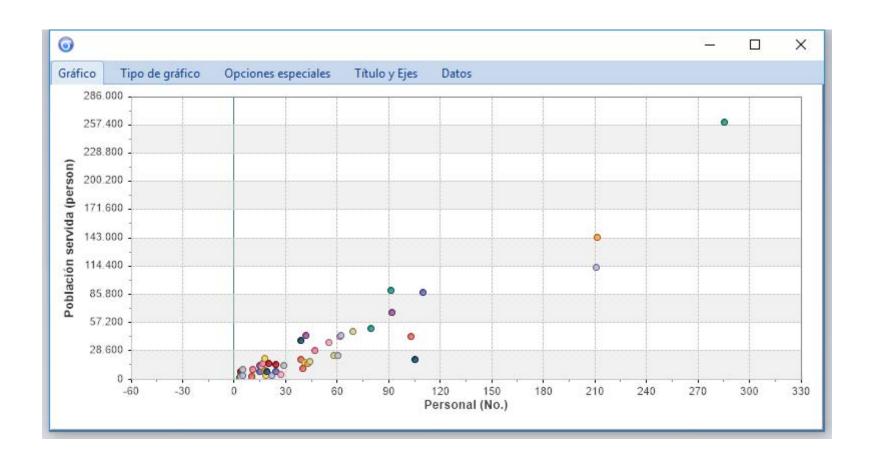


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Gráfico	Tipo de gráfico	Opciones especiales Título y Ejes Datos		
Period Paño a	rar en el eje X Periodos Abastecimientos Indicadores dos Periodo 1	U06 U07		^

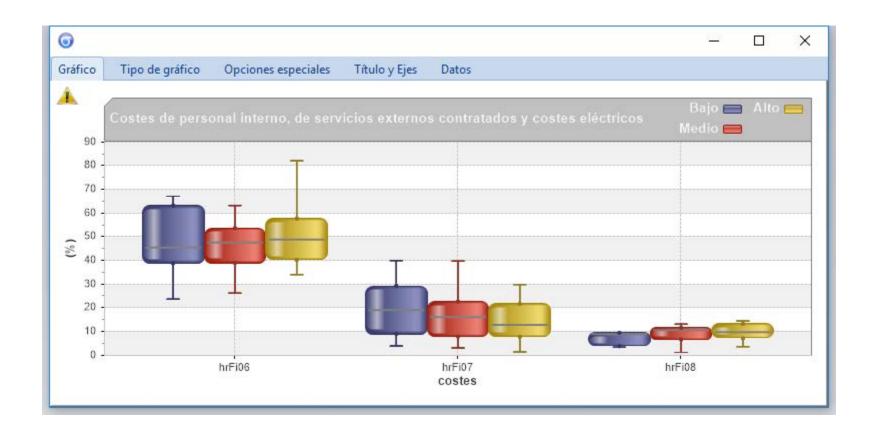












INTERVIEW: NIGEL WATSON, CIO, NORTHUMBRIAN WATER

## Sthe UIFCE

The magazine of the International Water Association

### The rise of digital water

How technology will transform the 21st century utility

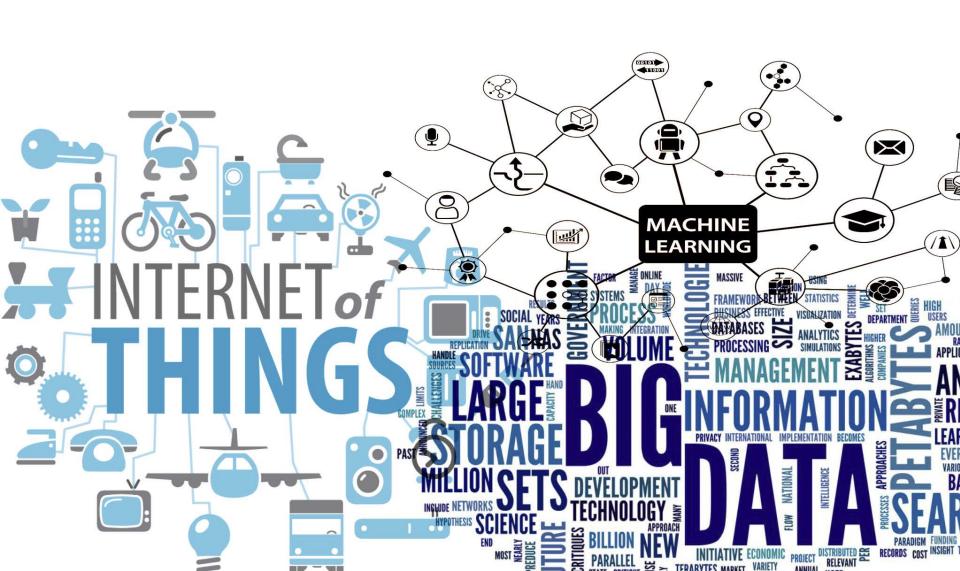




"Water management companies are going to become software companies with hydraulic managers"



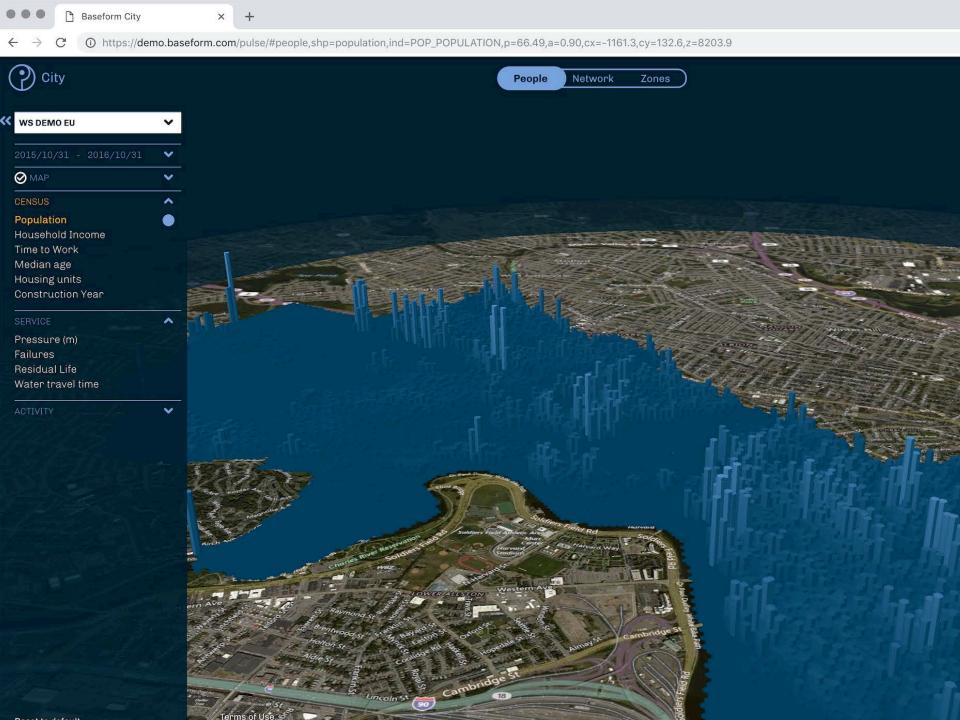
#### **BUZZ WORDS?**



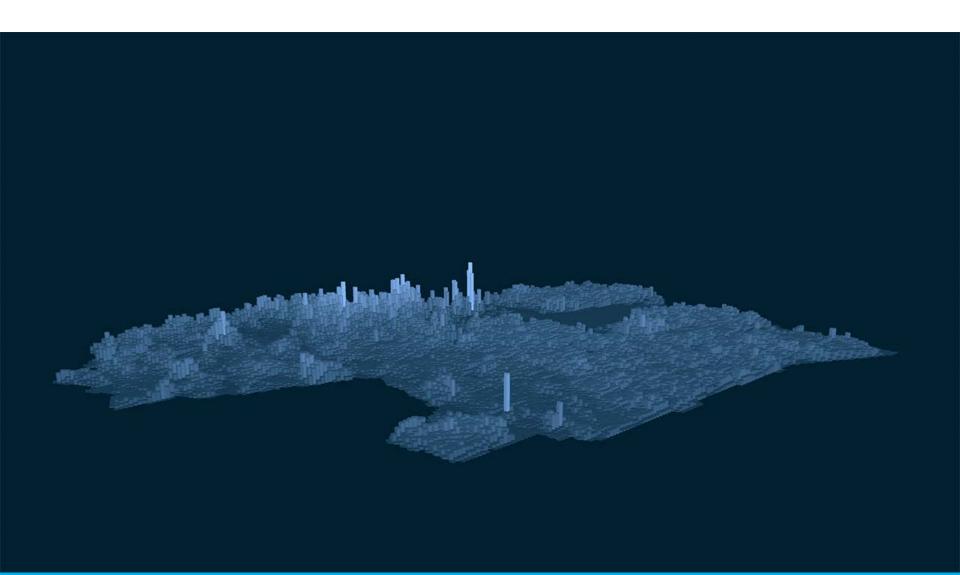
#### **JUST TOOLS**



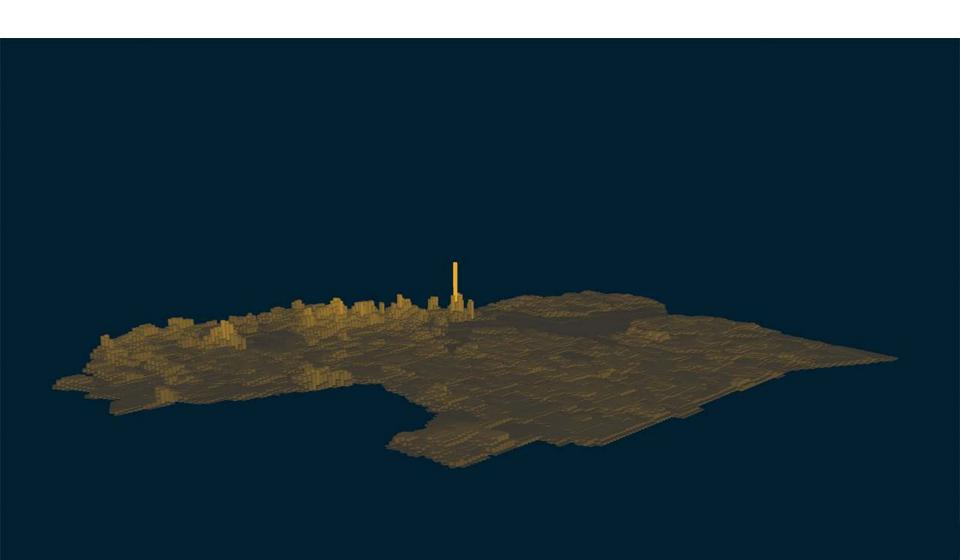




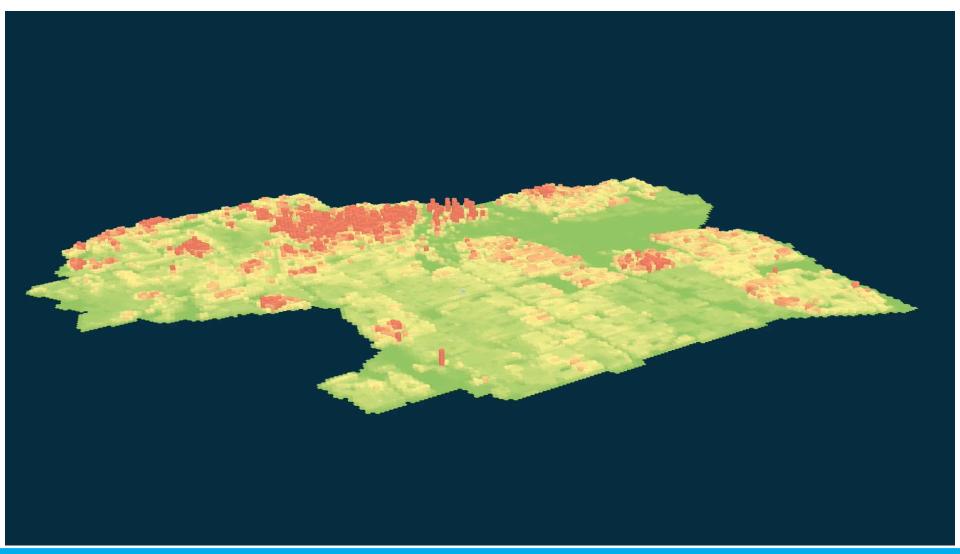












#### paselorm







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