



Session 8.a.1 : Information & training for decision makers

Monday 19th of March, 16h30-18h00

Mr. Edouard BOINET

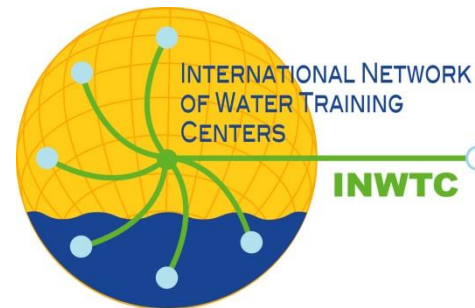
Project manager
INWTC

e.boinet@inwtc.org

IR 4.5 Enhancing Education & Capacity Building



The International Network of Water Training Centers (INWTC)



Algeria

ADE



Benin

SONEB



Burkina Faso

ONEA



Burkina Faso

2IE



France

OIEAU



Created in 2008. 16 training organizations. 15 countries.

3 objectives:

- To share experience between training centers
- Promote vocational training
- Promote the creation of water training centers

Kenya

KEWI



Laos

CFME



Lebanon

CIFME



Mali

EDM SA



Morocco

IEA/ ONEP



Advocacy targeting national institutions,
donors and development banks

Mexico

CONAGUA



Uzbekistan

SIC ICWC



Poland

GFW



Togo

TDE



Tunisia

CITET



Vietnam

CNEE

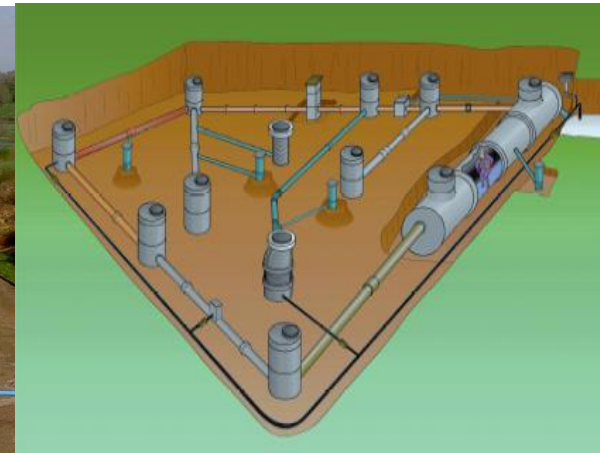


INWTC Secretariat

CNFME: National Water Training Center (France)



- 6 000 trainees / year
- 550 training sessions / year
- 30 000 m² of pedagogical infrastructures and equipments for practical training



DECISION MAKERS:

Small in number, significant in influence

- The example of water and sanitation utilities:
ratio of managers over overall staff

	Managers	Technicians & supervisors	Manual workers
Emerging and developing countries	1 – 5%	10 – 15%	80 – 89%
Industrialized countries	5 – 15%	25 – 30%	55 – 70%

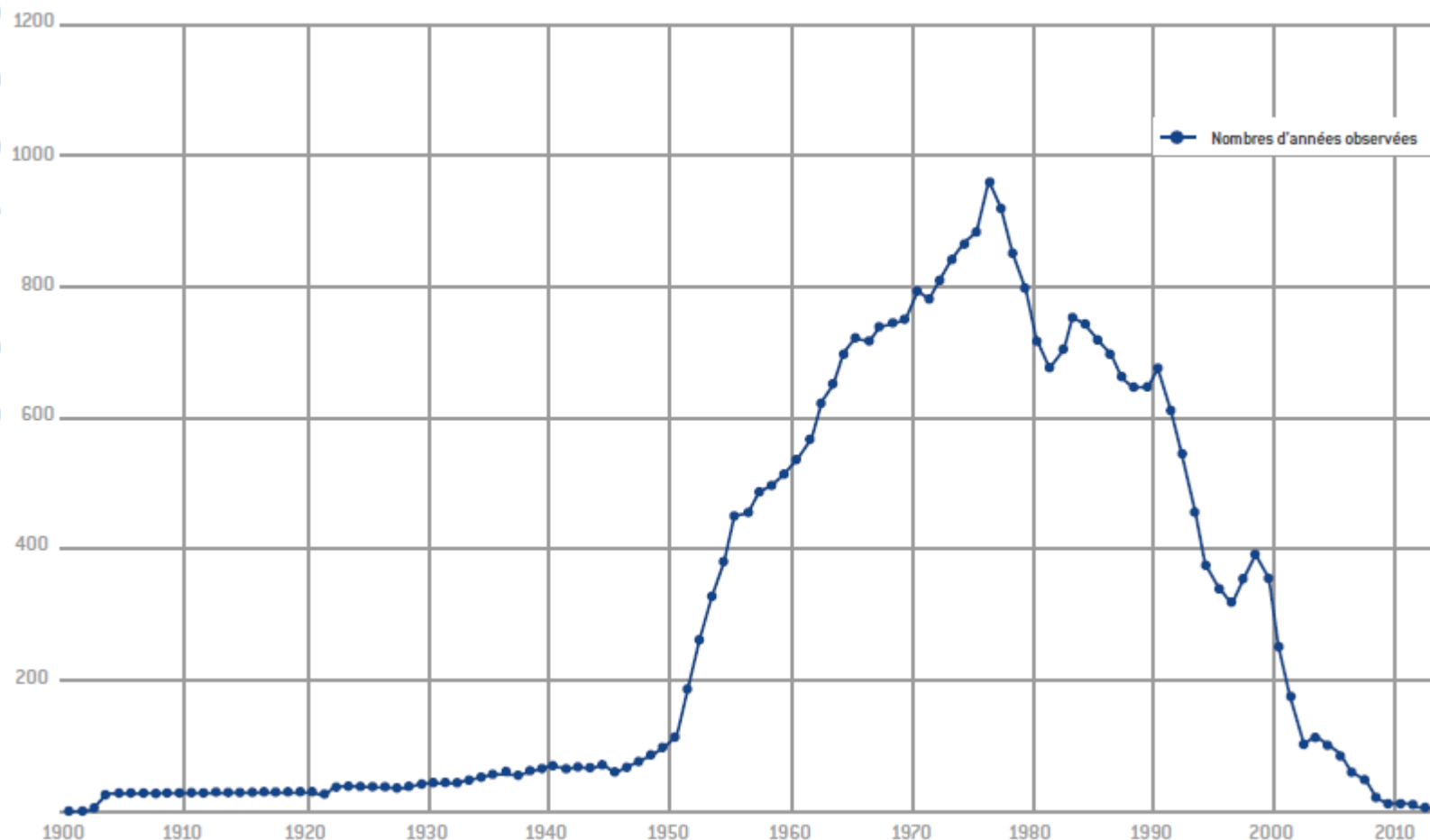
TRAINING FOR DECISION MAKERS: How?

- Classical (initial) education, vocational training &... a mix of both! (Master Devine)
- Continued financial efforts:
 - Dedicate 1% of total payroll of WWS services & basin organizations to finance training of staff
 - Dedicate at least 5% of the budget of international cooperation project in the water sector for capacity building, to ensure sustainability of the project benefits and gradual autonomy of beneficiaries.
- National Water Training Centers providing opportunities to experiment real-life/on the job situations

INFORMATION FOR DECISION MAKERS:

Data is key!

- You can't manage what you don't measure!



Urgent wake up call required to boost:

- Hydromet monitoring networks,
- Monitoring performance of basin organizations,

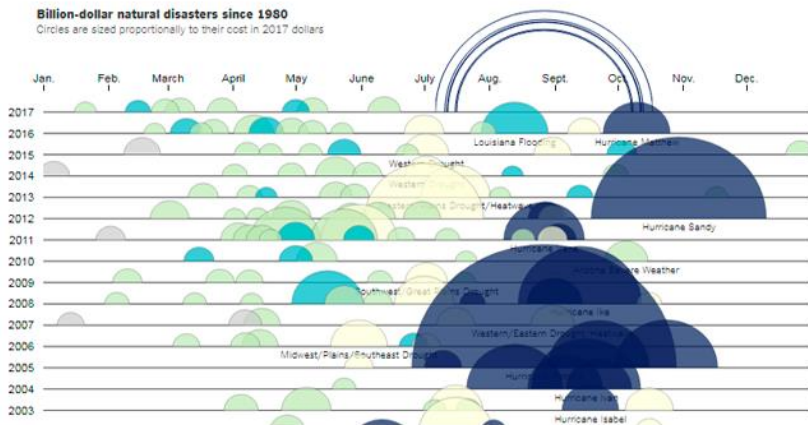
Equally true for water and sanitation:

- Monitoring supply and sewerage,
- Monitoring utilities performance,



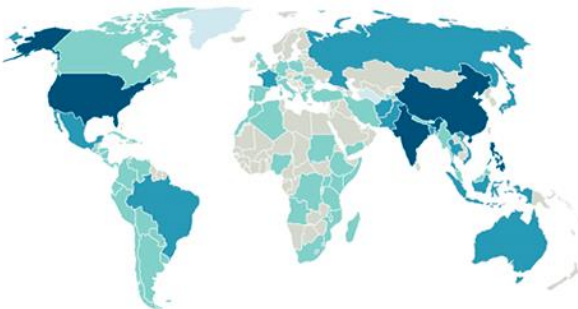
INFORMATION FOR DECISION MAKERS: from data to processed information

- Water Information Systems (WIS): making sense of data



Disaster zones

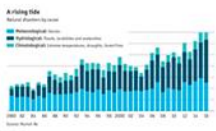
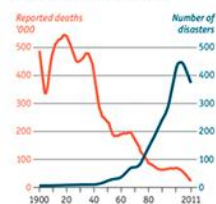
Total number of natural disasters* reported per country, 1995-2015



Source: UNISDR

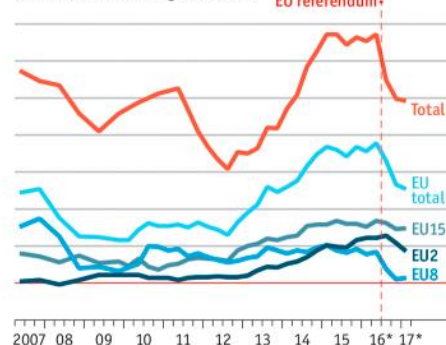
More, but less deadly

Global deaths from natural disasters*



Poles depart

Britain, annual net migration, '000



Source: Office for National Statistics

EU groupings



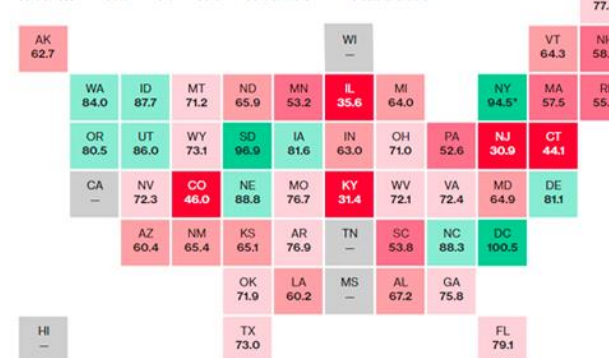
For decision makers and the general audience, processed information and data visualization are excellent tools!

Provide understanding & guidance on:

- Strengths
- Weaknesses
- Opportunities
- Threats

Public employee pension funding ratio by state, 2016 figures

50% or less 60% 70% 80% 90% or more No data available



This analytical framework (SPI) allow decision makers to be trained and take informed decisions.

Conclusion

- **Financing training:** Training of decision-makers shouldn't be overlooked in budget of water and sanitation utilities, organizations managing water resources (e.g. basin organizations) and development aid targeting improvements in the water sector.
- **Supporting Training centers:** Water training centers providing practical experience on real equipments & infrastructures
- **Strengthening data & information:** None of the above matters without data collection and Water Information System (WIS). The highest qualified decision-makers and the best infrastructures and equipments available will still results in poor management.

Thank you for your attention!

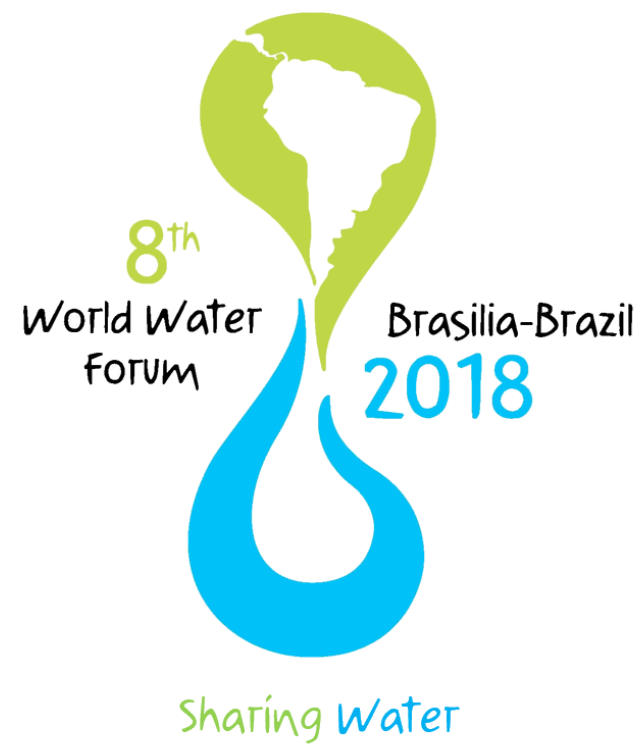
Mr. Edouard BOINET

Project manager

INWTC

e.boinet@inwtc.org





Organization



MINISTRY OF THE
ENVIRONMENT



Support

