

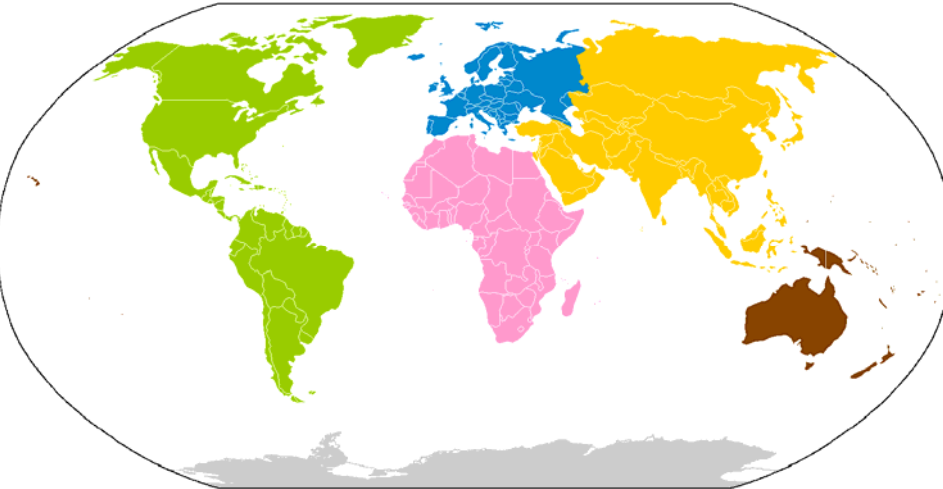
WATER SURVEY SUMMARY

prepared by Julian ELEUTERIO (Brazil),
Shafi ISLAM (Bangladesh)
& Camilo MUNOZ-TROCHEZ (Colombia)
1st June 2010 Salle Jean Vilar, Arcueil (France)

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Results of 2009 and 2010 surveys

66 cities spread over 4 continents



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City Characteristics

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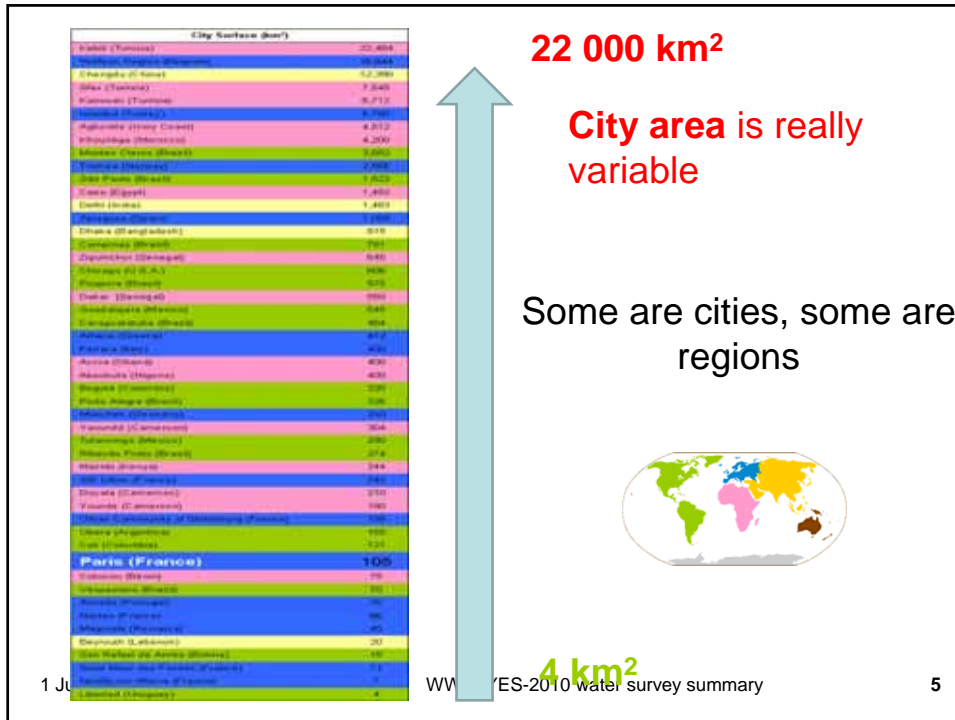
Total Number Of Cities

- 31 countries
- 66 cities
- Including 15 new cities for 2010

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Tunisia - Sfax

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Water Source

- European cities use basically groundwater and rivers.
- American cities use rivers, lakes and groundwater.
- Asian cities use rivers
- African cities use rivers and groundwater

Need for river and groundwater care

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Spain - Zaragoza



Drinking Water Access

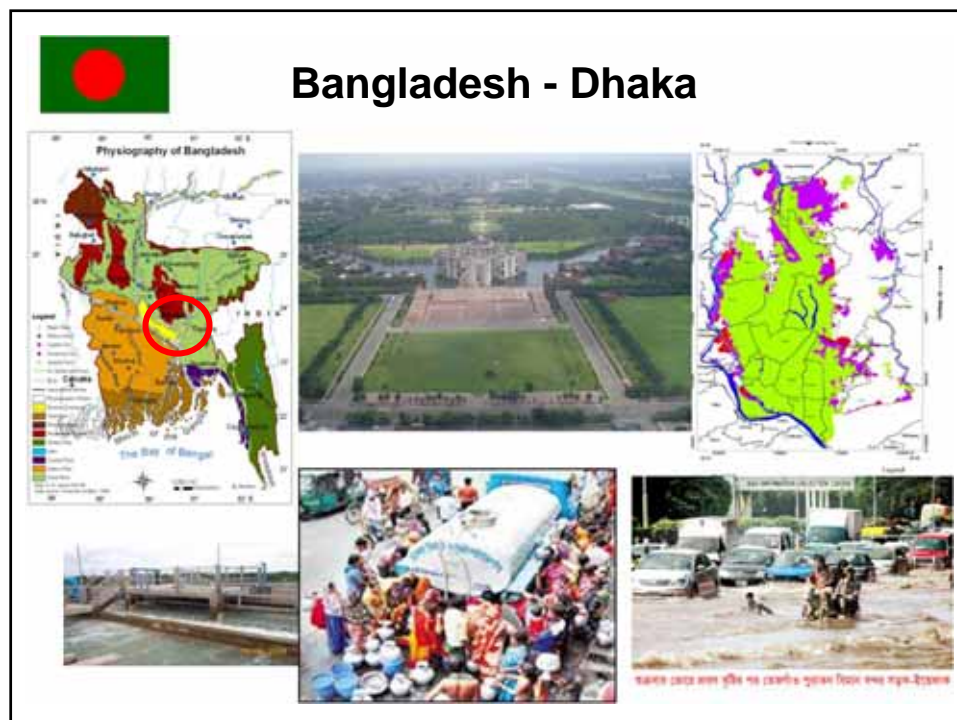
- A trend of using in-house water tap was found
- However the coverage wasn't 100% for all cities so some cities use combined sources

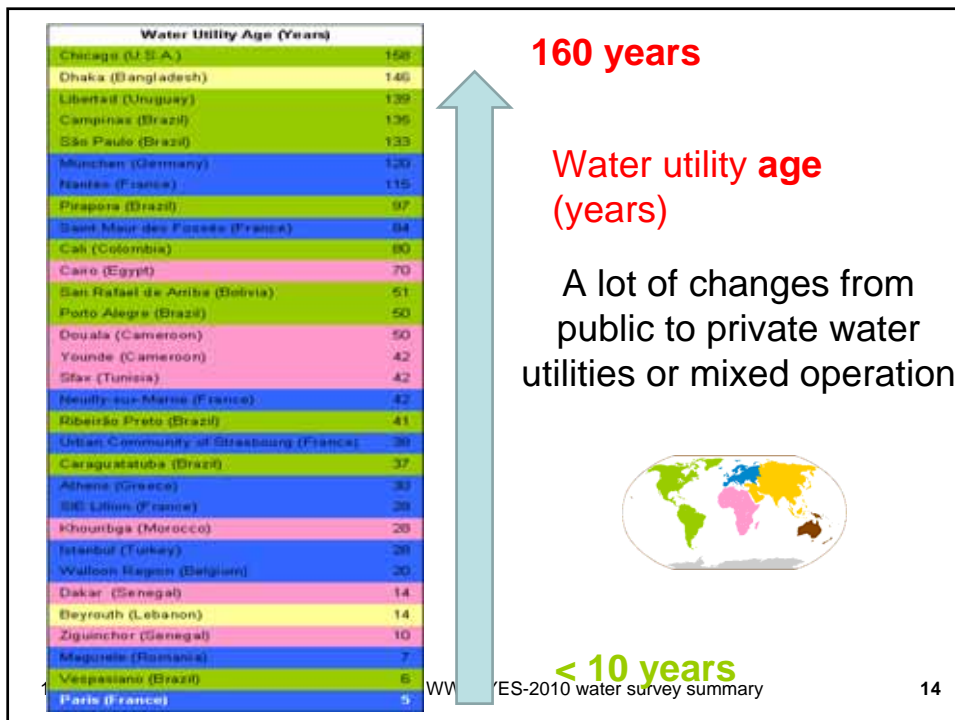
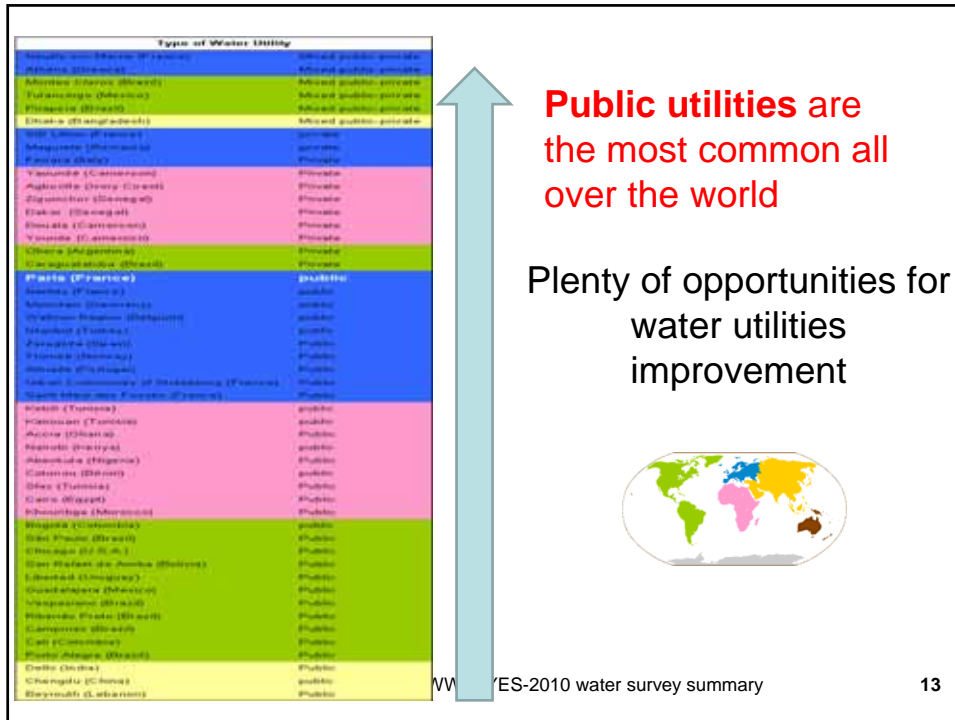
Need to consider intermittent water systems

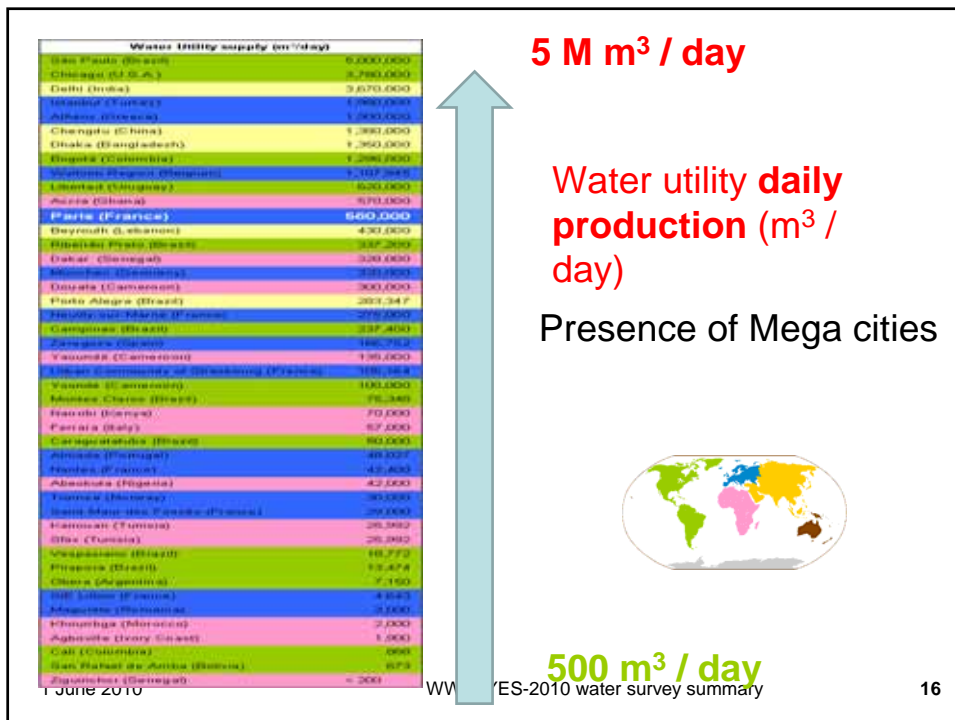
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 **Brazil – Sao Paulo & Pirapora**



 **São Paulo**

 **Pirapora**

 **São Paulo**

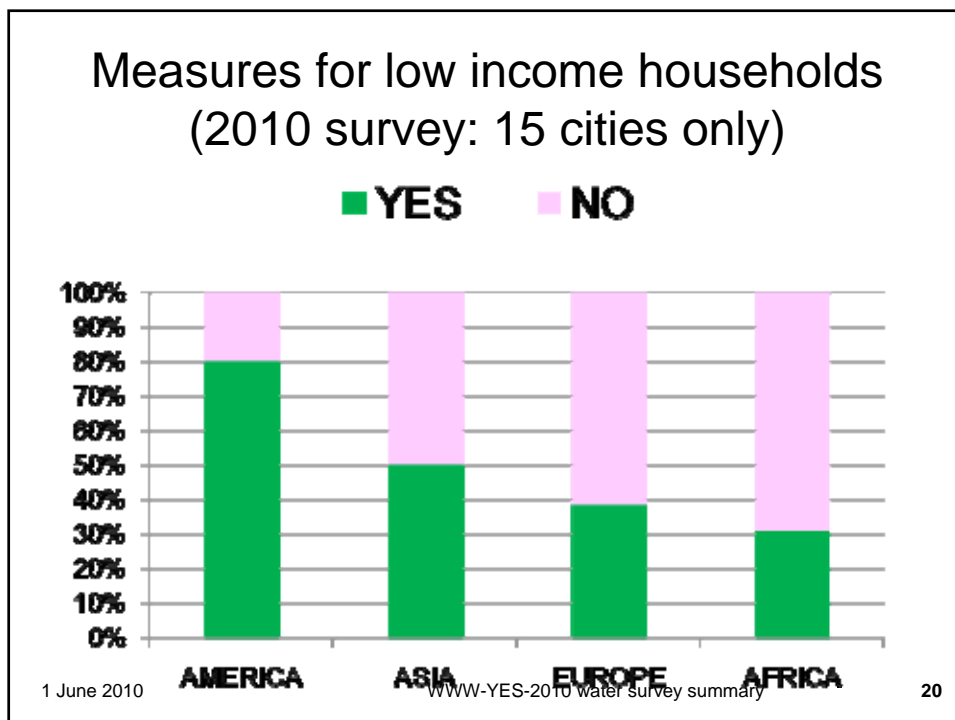
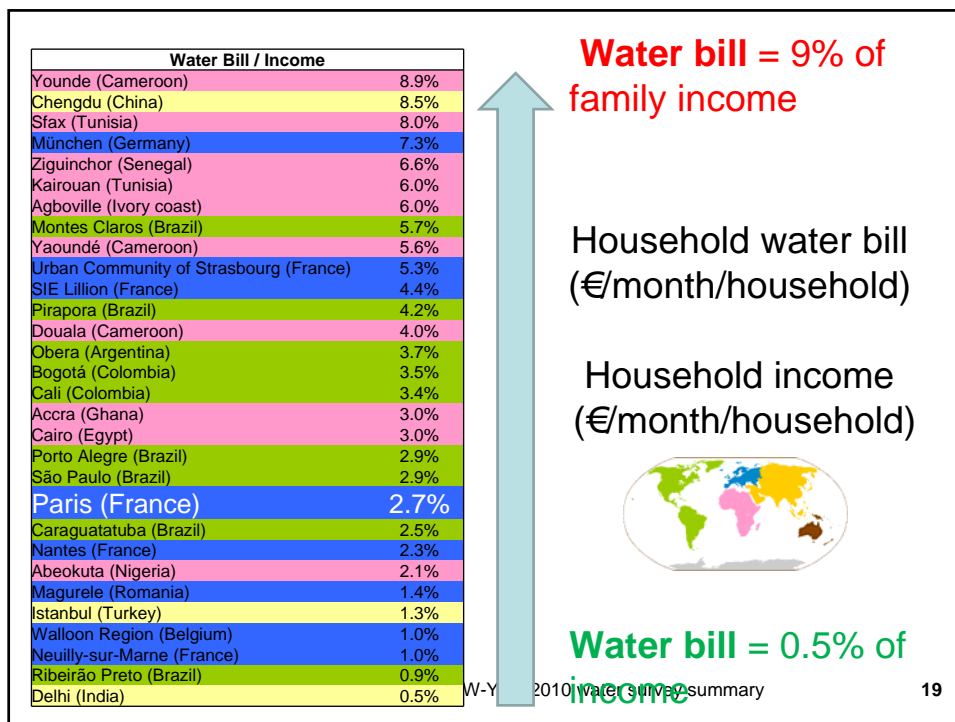


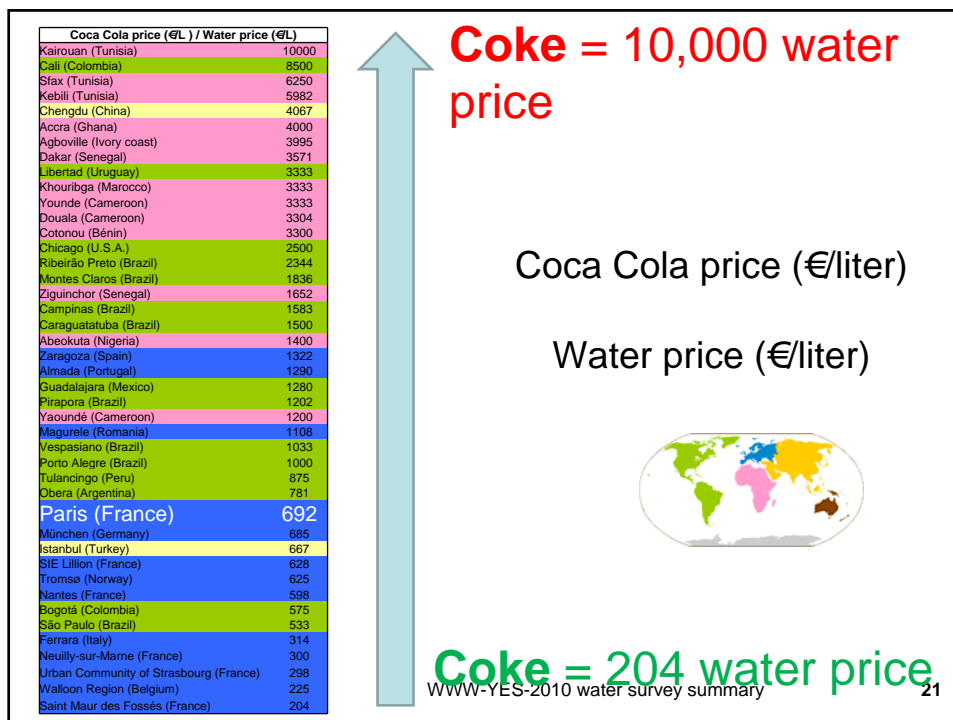
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Water price

ISSUES

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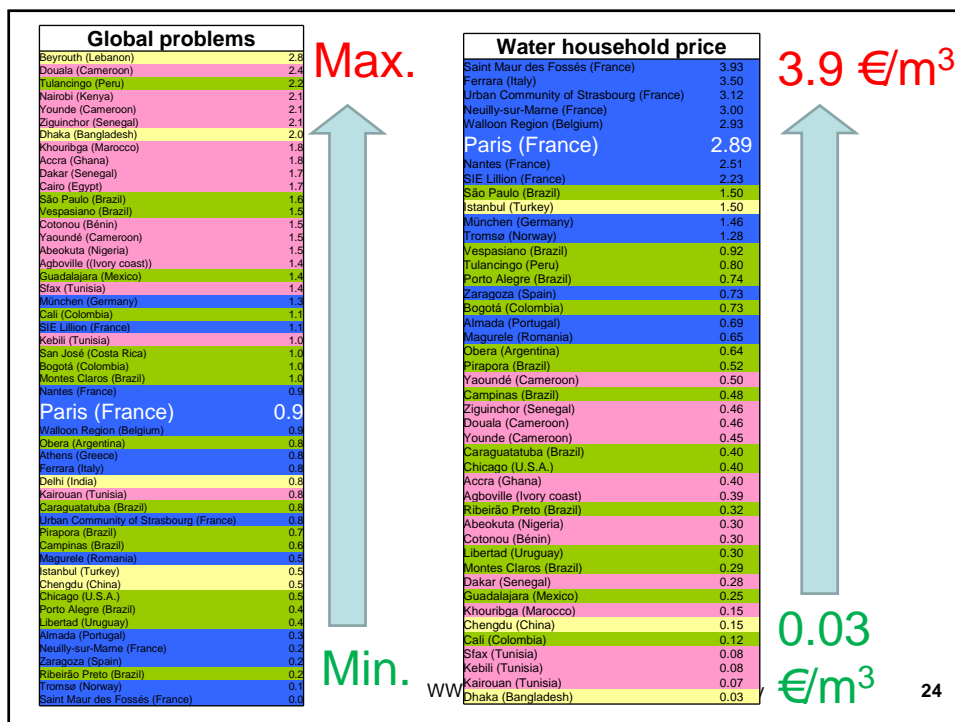
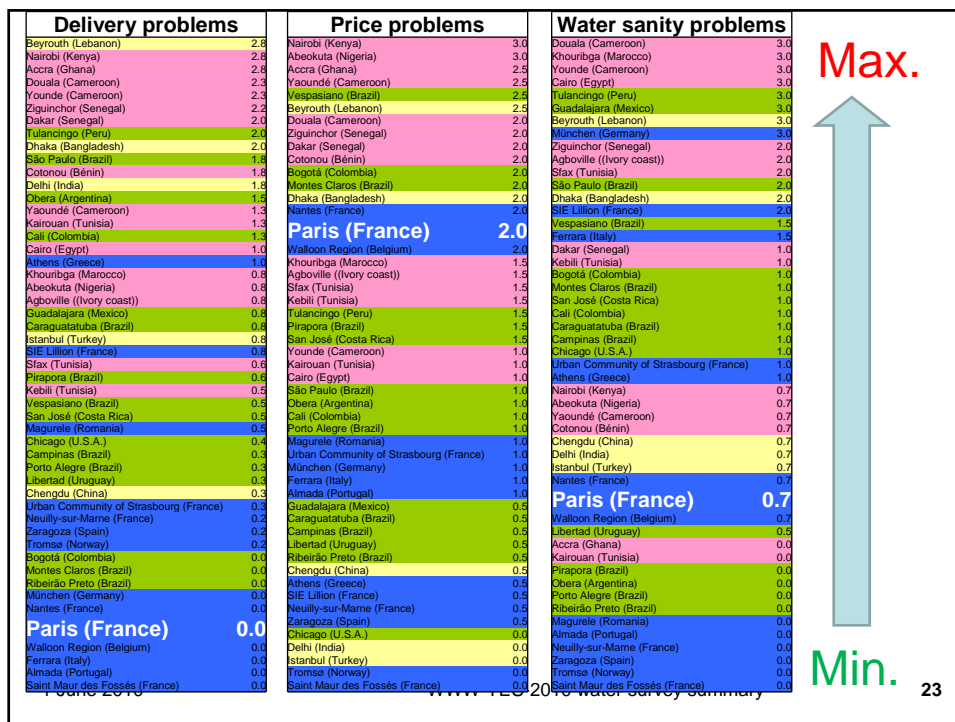
Service quality

ISSUES

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OUR PERSONAL OPINION

49 participants

2009 & 2010 WWW-YES workshops

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Water production and/or distribution
should be **public or private**? Why?

- 39 participants: **it should be PUBLIC**
 - Control of financial profit
 - Control of water price
- 10 participants : **it should be PRIVATE**
 - Ability to meet rising water demands
 - Good examples of private management

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Citizens should be involved in the water management?

- 44 participants: **YES**
- 5 participants: **NO**
- **How** should citizens be involved?
 - 40% - consumer organisation
 - 19% - NGO

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Should drinking water be **for free**?

- 13 participants: **YES**
- 36 participants: **NO**
- **For whom?**
 - 67% - Depending on household income
 - 33% - Depending on consumed volume

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Gender

ISSUES

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- Role of **woman in housework** (or in providing drinking water)
– Average: 77%
- Proportion of woman in **user committee**
– Average: 38%
- Water **production or distribution director**
– Man: 100%
- Local water **service director**
– Man: 100%

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Conclusions

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- Through **3 sessions** of the WWW-YES workshop
 - **66 cites** have been surveyed for their drinking water system and its operation
 - 49 participants expressed their **personal opinion**
 - **Survey results** have been presented to and discussed with the **public**
- Significant involvement of young scientists for **world water problems**

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Any questions or comments?

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