

OUTCOMES OF THE 8TH WORLD WATER FORUM – FORM for SCGs

THEME: Urban
TOPIC: C 1
SESSION: Reuse Technologies: Can We Handle Innovation?
Reported by (Name): Pierre Flamand Email: pierre@jsanic.org
KEY QUESTIONS (from session proposal):
<p>1- What are the key strong political messages that can be taken on board by others inside and outside of the water community?</p> <p>Technology already exists but it is now time to implement it Water reuse not high enough in the political agenda</p>
<p>2- What is the current state of affairs of the issues raised in your session? (key points on where we are at in 2018)</p> <p>a) Water matrix needs to be better managed b) We are only at the primary stage of regulations for water reuse c) Who owns the wastewater is yet to be defined d) Wastewater is not fully collected and thus water reuse cannot happen for example in agriculture where it would be needed and used</p>
<p>3- Where do we expect to be in 3 years (9th Forum in Senegal), and in 2030?</p> <p>a- Please describe the Short-term Goals (STG) expected to be reached in 3 years (9th Forum in Senegal) in clear and simple language:</p> <ul style="list-style-type: none"> • ST Goal 1: Identify leaders that have the willingness to implement water reuse and increase the proportion of water reuse as supply water in industry, agriculture and in urban areas • ST Goal 2: Ensure that 100% of wastewater is collected • ST Goal 3: Create multidisciplinary groups to address the different issues related to water reuse <p>b- Please describe the Long-term Goals (LTG) expected to be reached by 2030 in clear and simple language.</p> <ul style="list-style-type: none"> • LT Goal 1: Adapt regulations and research technology to promote more water reuse applications • LT Goal 2: Integrate water reuse from the planning stage for new development areas • LT Goal 3: Promote showcases for water reuse in regions where water reuse has not been a common practice so far
<p>4- How do we get there?</p> <p>4.1 What are the good practices and intermediary steps that contribute to the implementation of the STG and /or LTG?</p> <ul style="list-style-type: none"> • Good practice 1: Good projects such as the research project of innovative water reuse technology in Itoman City, Okinawa Prefecture, Japan (B-DASH Project), and the decentralized water recycling for non-potable and potable applications (purified water) in San Francisco, USA. • Good practice 2: Economical incentives

- Good practice 3: Keep discussing to increase awareness on water reuse and promote more implementations

4.2 What are the key actors to be engaged?

Citizens, government, water-related associations/organizations from different sectors, financing institutions, health experts and technology experts

a- What are the confirmed and engaged Organisations (contact person):

b- What are the commitments/partnerships to get there

c- What are the Organisations yet to be engaged?

Local political leadership and willingness to develop water reuse

d- What are the steps forward?

Promote showcases/good practices, economical incentives

5. Any Other Special Observations / Comments

6. What are the key messages regarding the cross-cutting themes (Capacity, Governance and Sharing) and Sustainability questions? (please refer to the “Thematic Session Guidelines” for reviewing the questions, that should be answered whenever appropriate)

- a) In water reuse, education is a must-have
- b) National plans are being set up to better link water science and technology to decision/policy making
- c) International cooperation initiatives showcase good practices for countries which can enhance the water-related SDG implementation
- d) Multidisciplinary groups can foster cooperation in water reuse to complement different knowledge and standpoints
- e) Mainstreaming water reuse can improve cooperation among different water sectors and improve overall water management