



User needs for tools and previous toolkit initiatives

SuSanA meeting, Dakar
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in co-operation with

hydrophil

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Learning lessons



Results of a sector-wide user need analysis for tools in the FSM sector



Lessons learnt from similar toolkit initiatives in the WASH sector



Tools

MODEL COMPONENT D - FS TREATMENT		2012	2013	2015	2016
Source/comments	Unit				
BASED ON					
source					5,200
GLSS, unpublished fact sheet 2010					0,68
2013					85,430
					17,72

4 In your opinion, what should be included in a tool to be used by a consultant regarding technical aspect in fecal sludge management?

5 In what format would the tools best assist a consultant? Please rate based on their applicability on the scale of importance and 5 being the lowest.

6 Are there any guidelines for the operation and maintenance of FSTP & FSM chain?

7 Are there any safety guidelines for workers in FSTP and FSM chain?

Practical handbook on Technical Assessment and Planning Guidelines for Fecal Sludge Management



By Dr. T...



E) Advocacy and Capacity Building Aspects

Question	Advocacy and Capacity Building Materials
1	FSM Advocacy Materials Availability: Do you need FSM
2	Do you need advocacy tools i) Policy Makers ii) Media iii) Donors, Investors iv) Beneficiaries
3	Rate your need in the preference (1-5), 1 being most important i) Publications - posters ii) Audio - jingles, radio iii) Video - television iv) Multimedia - CD/DVD v) Online multimedia
4	Rate your need in the preference (1-5), 1 being highest



Tools





Sources of information

1. Consultative workshop in Manila
2. Desk study and interviews with organisations that launched similar initiatives
3. Advisory panel
4. City Partners meeting and planning workshop at FSM III conference in Hanoi
5. Structured User Need Survey
6. Workshop for city planners and consultants in Bangalore
7. NEXT STEPS:
 - Verification through AfricaSan
 - Continuous verification through users

1. Consultative workshop in Manila

- June 2014; 17 participants
- Competency preparatory tools on FSM for investors, planners and consultants
- Aim to develop practical assessment tools for development of FSM business at scale
- Decision to focus on city planners/managers, consultants and donors/investors

2. The advisory panel

- Consisting of 12 African and Asian key players:
 - 4 city planners/managers
 - 4 consultants
 - 4 donors/investors
- Continuous backstopping support on the development of the FSM toolbox
- First meeting in Hanoi at FSM III conference with the aim to synthesize tools

3. Desk study Interviews with organisations that launched similar initiatives

“There is a notable lack of clarity and consensus in the sector...” (WSP, 2012)



**A tool is only a tool as long as it is used;
and more than that, used correctly!**

3. Desk study Interviews with organisations that launched similar initiatives

- CEPT, C Step, GWP, IBNET and GIZ
- UN-IHE, eawag, WEDC and Emory University
- ADB, AfDB and World Bank
- BMGF
- IRC, WaterAid, WSUP
- Seecon
- WSP
- Several smaller initiatives

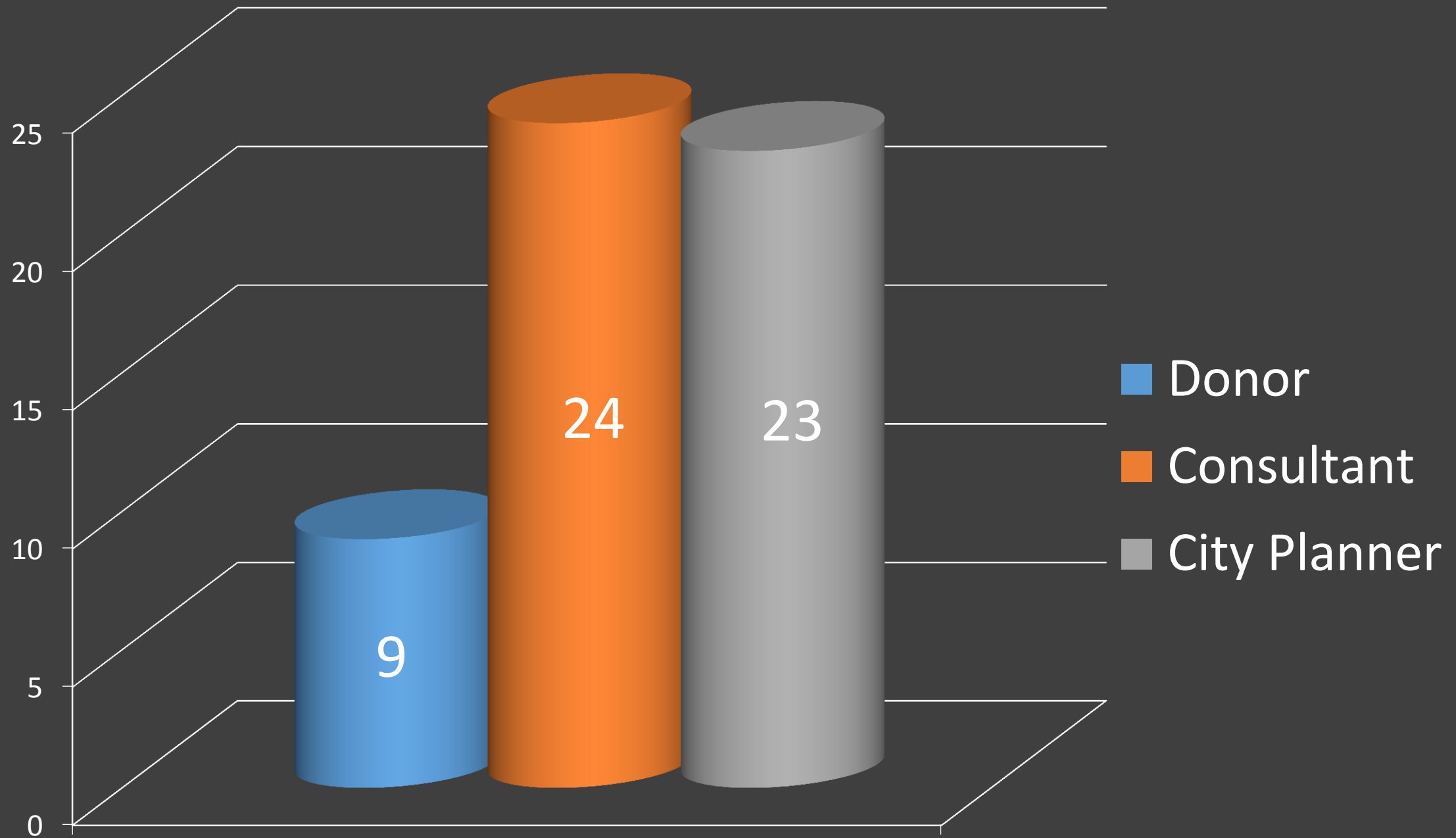
4. City Partners meeting and planning workshop at FSM III conference in Hanoi



First conclusions drawn

- Structure of the toolbox is essential
- Assure relevance of the tools
- Provide financing for maintenance strategy
- Consider EE to trigger change
- Early field-testing and consultation of experts
- Assure holistic view beyond infrastructure development
- Target and reach the right people
- Create and link tools to incentives for use

5. Structured user need survey



5. Structured user need survey

DONOR	CITY PLANNER	CONSULTANT
Regulatory		
<ul style="list-style-type: none"> • Discharge requirements • Service pricing • Country specific guidelines 	<ul style="list-style-type: none"> • Guide on tariff setting • Stakeholder dialogue steps • Enforcement 	<ul style="list-style-type: none"> • Incentives and monitoring • Penal provision • Technical regulations
Institutional		
<ul style="list-style-type: none"> • Roles and mandates for different stakeholders 	<ul style="list-style-type: none"> • Institutional structuring 	<ul style="list-style-type: none"> • Best practise examples • PPP options
Technical		
<ul style="list-style-type: none"> • Risk evaluation, finance, management, maintenance & environmental issues • Financial and technological sustainability 	<ul style="list-style-type: none"> • Technical difficulties and probable solutions • Rating scheme to aid in the selection of the most applicable FSM 	<ul style="list-style-type: none"> • Guidelines for operation and maintenance of treatment plants • Technology options available for a range of service areas, with corresponding development and unit O&M costs

5. Structured user need survey

DONOR	CITY PLANNER	CONSULTANT
Financial		
<ul style="list-style-type: none"> • Total costs of interventions • Financial indicators • Risk assessment tools 	<ul style="list-style-type: none"> • Business models • Cost-benefit analysis tools • Financial incentives approach • Grant funding sources 	<ul style="list-style-type: none"> • Risk assessment tools
Monitoring		
<ul style="list-style-type: none"> • Uniform performance indicators for benchmarking • Rating systems • Impact assessment • Regulations for service delivery and construction standards 	<ul style="list-style-type: none"> • Enforcement of the sanitation code • Certification of the private sector • Guidelines for M&E plan • Control mechanisms 	<ul style="list-style-type: none"> • Compliance with service contracts • M&E guidelines • Customer satisfaction
Advocacy and Capacity building		
<ul style="list-style-type: none"> • Publications – papers, posters, flyers, brochures • Behaviour change communication • Community Mobilisation 	<ul style="list-style-type: none"> • Wideo – TV spots, videos, CD/DVD • Media: press release, press conferences, interviews 	<ul style="list-style-type: none"> • Audio: Jingles, radio, spots, songs and other audio formats • Events and seminars

6. Workshop for city planners and consultants in Bangalore

April 2015; 20 city planners & consultants from South and South-East Asia

- Regulatory: Consider economic inference related to high service fee
- Institutional: Provide sufficient information to understand current structures



6. Workshop for city planners and consultants in Bangalore

- Technical: Not to miss FS treatment discharge and end-use standards
- Financial: Include baseline assessment guidelines, economic analysis, unbundling of FSM activities and financial management analysis
- Monitoring: Consider as a cross-cutting issue
- Advocacy and Capacity building: Introduce clear and consistent messages linked to policy change

What we aim to do differently

- Not a compilation, but point user to specific tool based on assessment
- Using a bottom-up analysis
- Putting city-wide urban solutions in the centre rather than household-level
- Rate, prioritise and define the toolkit in a quick, user-friendly and easily accessible way

Timeline

- Web access for 2016
- Toolkits ready by Oct 2015
- Training & capacity building by Feb 2016



Seeking partners for field testing, capacity building and trainings for African knowledge hubs!

Please get in touch: m.baeuerl@hydrophil.at

Thank you for your attention!

Picture credits

- <http://www.sopomarkt24.de/grabegabel-spaten-gartenspaten-mit-holzstiel-gabel-spatengabel-200/garten/sonstige/a-1678/>
- <http://www.amazon.de/Metall-Ornament-Griffe-Vintage-Pflanz-%C3%9Cbertopf/dp/B00I9CK200>
- Luncz et al. 2009 in Current Biology