



Making a SPLASH!

Newsletter 20 – December 2013

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Season's Greetings!

In this December newsletter, we would once again like to thank you for your continued interest in and support for the SPLASH project which continues in the form of the SPLASH Sanitation Research Programme. We would like to wish you all the very best for this festive season, and a very happy new year. We look forward to a productive year ahead in 2014!

1. SPLASH Sanitation Research Programme activities

- The SPLASH Sanitation Research Programme held its annual meeting at Egerton University, Nakuru, Kenya in June, prior to the 36th WEDC International Conference. Discussion included shared learning on aspects of sustainable urban sanitation service chains.
- There was also a SPLASH Sanitation Research Programme side event at the 36th WEDC International Conference on 1st July 2013. This was entitled 'SPLASH Sanitation Research Programme: International Cooperation in Urban Sanitation Research'. The objectives of the session were firstly to present some of the

challenges to sanitation service provision in urban areas across the African continent based on the experience within the programme, and secondly, to demonstrate the benefits of collaborative working relationships in design, funding and implementation of research across the programme, and the exploitation of synergies between projects to maximise programme effectiveness and impact.



Discussion continues over coffee at the SPLASH Sanitation Research Programme meeting in Nakuru

- A similar side event was held at Stockholm World Water Week, in September 2013. This event presented the programme as an example of international cooperation in programme design and implementation and provided a dissemination opportunity to a mainly policy making-level audience. Attendance was very good (more than 30 people), with a high level of interest and questions taken.

2. SPLASH Sanitation Research Programme project updates

For further information about all projects please go to http://splash-era.net/san_res.php

CLASS-A: Sustainable and resilient sanitation service chains in Maputo province, Mozambique – action research and piloting for benefit of the urban poor

The focus of the Class-A research project is on development and application of risk-based systems analysis to derive strategies for reducing the vulnerability of urban populations from sanitation-related hazards.

The community level risk assessment tool has been applied in a total of five neighbourhoods in Maputo and a validation tool has been applied in two of these areas. There has also been considerable progress on the development of a municipal system risk assessment tool. Based on the outcomes from the field work, the research is now engaging with stakeholders at different levels to consider risk mitigation strategies to be integrated into a risk reduction plan for Maputo.

For further information see http://www.splash-era.net/srp_class-a.php



Community workshop in the Mafalala bairro

FaME (Faecal Management Enterprise): Providing Sanitation Solutions through Value Chain Management of Faecal Sludge

In Sub-Saharan Africa, untreated faecal sludge (FS) is frequently disposed untreated into the urban environment due to the absence of financial incentives. The Faecal Management Enterprises (FaME) project proved that dried FS has an energy potential comparable to other local biofuels. Recovery of this energy potential by industries could provide a cash-flow within the service chain, thereby increasing services throughout the sanitation chain.

Pilot kilns have been constructed and first successful combustion trials were conducted. In addition to financial flow modelling, the kiln studies will provide sound scientific evidence for the viability of using faecal sludge as a fuel, the missing link for full-scale implementation.

For further information see www.sandec.ch/fame



Pilot kilns in Dakar, Senegal and in Kampala, Uganda

MAFADY: Maîtrise de la filière assainissement dans un écosystème côtier à Douala et les quartier populaires de Yaoundé au Cameroun

The MAFADY project has seven work packages, five having scientific interest and two relating to development support. The study area covers a surface of 4949 ha with an estimated population of about 185 000 inhabitants.

The seven work packages are subdivided into 22 sub activities, with 12 related to management and coordination.

Activities in 2013 included:

- In July 2013, MAFADY took part in SPLASH activities in Nakuru (Kenya) prior to and during the 36th WEDC International Conference.
- An order was signed in August to set up a local consultative committee on sanitation in the city council of Douala 4.
- An external evaluator of the project outputs was recruited in November. Six latrine pilots were undertaken in the project area.
- An article appeared in <http://www.africascience.org> and a paper was presented in the Ivory Coast.
- Finally, there are plans to hold an international workshop in Yaoundé, Cameroon from 29th to 30th April 2014.

For further information, see http://www.splash-era.net/srp_mafady.php

U-ACT Economic Constraints and Demand-led Solutions for Sustainable Sanitation Services in Poor Urban Settlements

The SPLASH U-ACT project in Kampala (ETH/Makerere/Eawag) has won this year's Best Practice Award at the Poverty Reduction, Equity and Growth Network in Kiel, Germany.

For further information, see <http://www.pegnet.ifw-kiel.de/best-practice>

3K-SAN: Catalysing self-sustaining sanitation chains in informal settlements

Kericho County governor Prof Paul Chepkwony visited Surrey University to discuss initiatives and a



Alexandre Horst and Isabel Guenther from U-ACT receiving the award

partnership agenda that will help the relatively new universities in Kericho, Kabyanga University and Moi University.

One of the highlights of the meeting was discussion of the sanitation research programme 3K SAN on catalysing self-sustaining sanitation chains in informal settlements.

For more information see <http://www.ukentv.com/kerichogovernor.html>

3. Plans for 2014

The SPLASH Sanitation Research Programme will have a final project workshop in Uganda in June 2014 to share our results with other projects and external stakeholders. More detailed information will be provided in the newsletter in April 2014. In the meantime if anyone has a particular interest in attending, please let Anne Blenkinsopp know by emailing F.A.Blenkinsopp@lboro.ac.uk

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Please forward this newsletter to anyone you think may be interested. Thank you!