



**STOCKHOLM WORLD WATER WEEK 2018**

**BOOK LAUNCH: RESOURCE RECOVERY FROM WASTE: BUSINESS MODELS FOR ENERGY, NUTRIENT AND WATER REUSE IN LOW- AND MIDDLE-INCOME COUNTRIES**

THURSDAY, AUGUST 30, 2018    TIME: 17:00-17:45    LOCATION: NL 253



RESEARCH  
PROGRAM ON  
Water, Land and  
Ecosystems

cewas

eawag  
aquatic research



World Health  
Organization

# Programme

- **Book Launch: Business Models for Resource Recovery and Reuse at NL 253 from 17.00 – 17.45pm**

**Introductory comments by IWMI, SDC, WHO and CEWAS**

- Setting the Scene by Miriam Otoo, IWMI
  - Comments by Ralph Bland, SDC
  - Comments by Bruce Gordon, WHO
  - Comments by Aline Bussman, CEWAS
  - Launch by Claudia Sadoff, IWMI
- **Cocktail and Networking event at IWMI booth (Stand 45) from 17.45 – 18.30pm.**

# Circular economy: The multiplier effect on different SDGs



# Circular Economy

Important for the environment and our natural resource base, but also the financial outlook with billions of USD to be unlocked or saved.



The Ellen MacArthur Foundation has helped to give the concept wide exposure and appeal.

Its report **'Towards the Circular Economy'** identified the key building blocks for the transition to a circular economy, which include new *business models*.

# Waste/Sanitation/RRR

# Business thinking



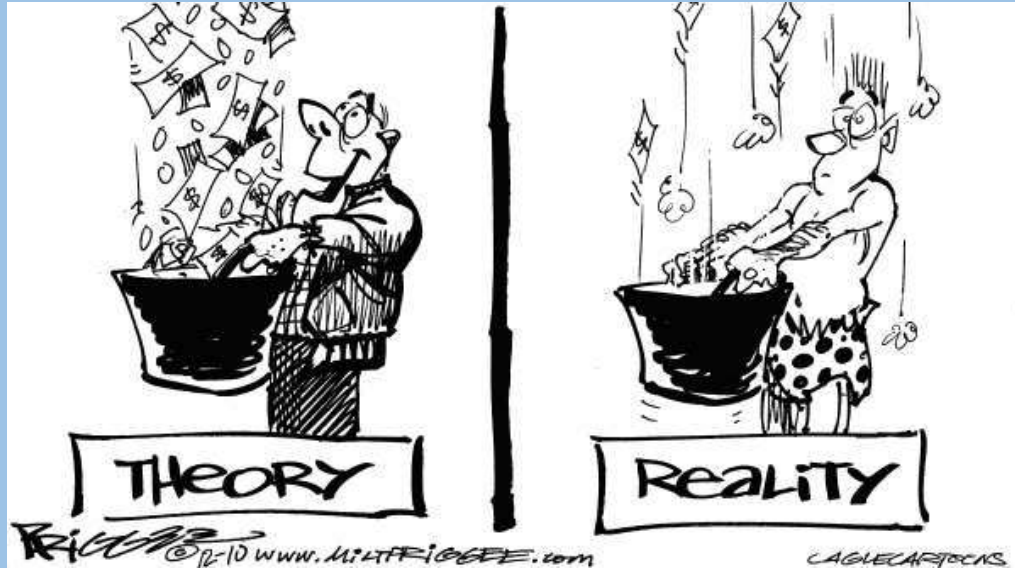
Engineering schools and colleges



Business schools

**GAP**

New business thinking is crucial as many circular systems appear technically and in theory like a win-win situation ...



- Circular economy
- Resource recovery and reuse
- Rural-urban nutrient loops
- Scaling bio-energy
- Ecological sanitation

**But in real life we mostly see subsidized pilots, small scale, or a high failure rates.**

To bridge the gap, in 2012, IWMI started a project to explore RRR businesses which was interlinked with WHO's effort to develop the Sanitation Safety Planning (SSP) manual.



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# RRR case assessments, feasibility and investment climate analysis



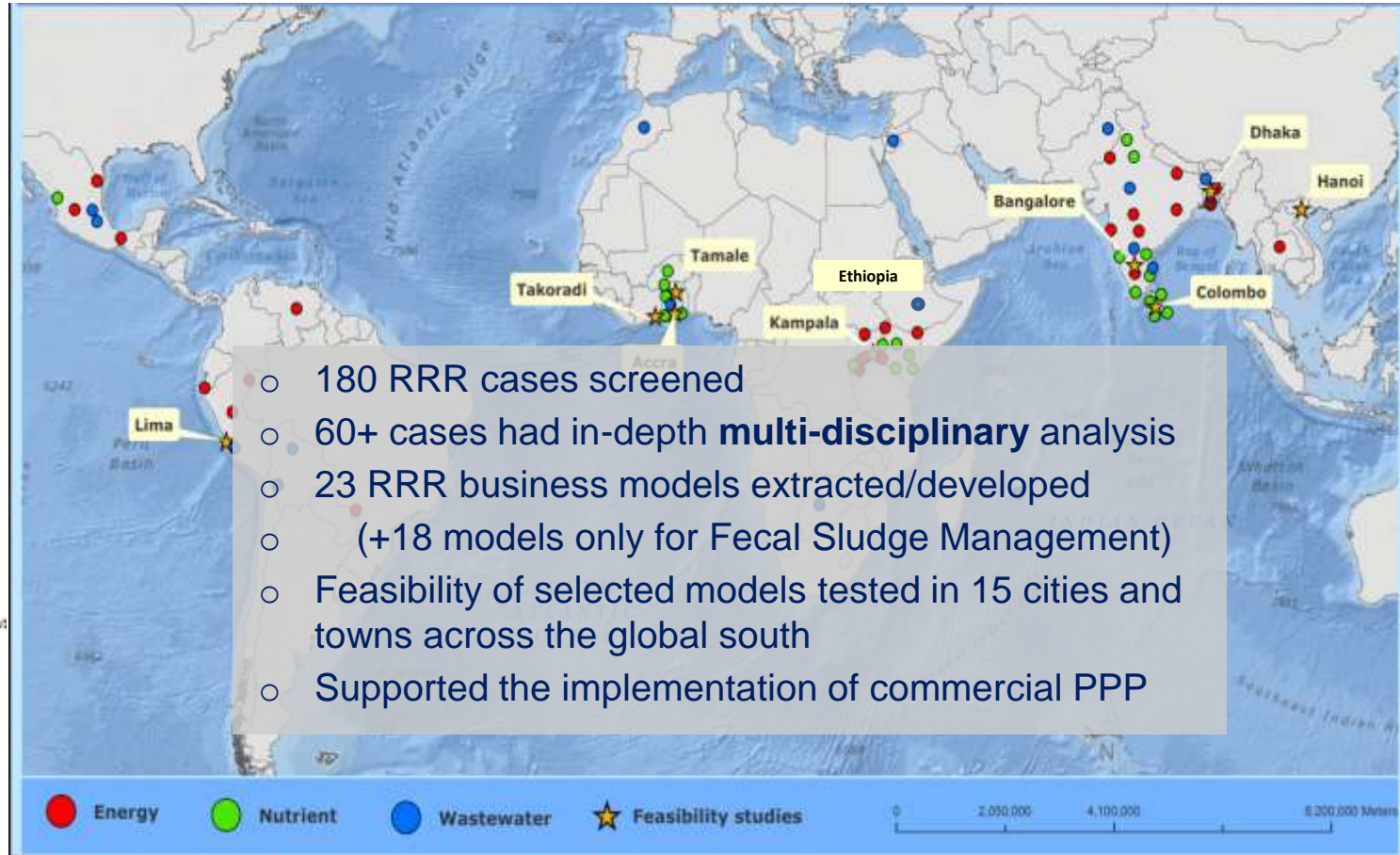
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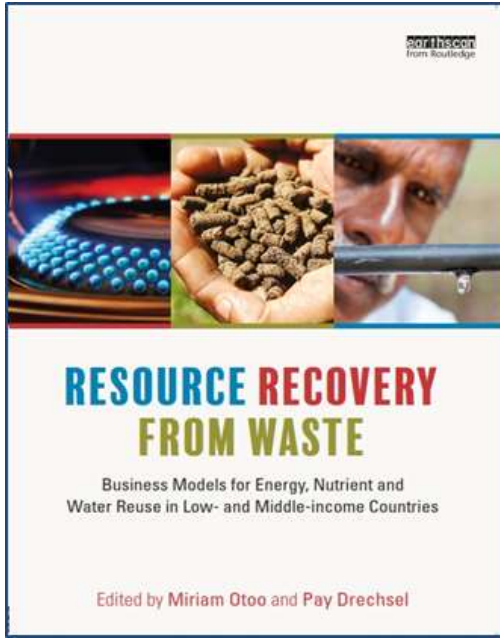
Swiss Tropical and Public Health Institute  
Schweizerisches Tropen- und Public Health-Institut

IWMI  
International  
Water Management  
Institute





# Some statistics



Designed for students and academia

42 authors

800+ pages

280 figures

4+ years in the making

1 exhausted publisher




47 empirical cases, which led to

24 RRR business models

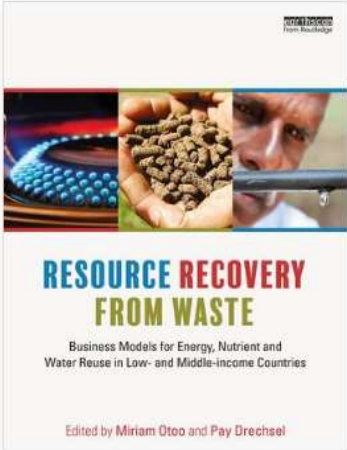
5 main sections:

- Introduction/Methodology
- Energy Recovery
- Nutrient Recovery
- Water Recovery
- Enabling Environment

# Available for sale, also as eBook

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**RESOURCE RECOVERY FROM WASTE**  
Business Models for Energy, Nutrient and Water Reuse in Low- and Middle-income Countries  
Edited by Miriam Otoo and Pay Drechsel

## Resource Recovery from Waste

Business Models for Energy, Nutrient and Water Reuse in Low- and Middle-income Countries

Edited by **Miriam Otoo, Pay Drechsel**

Routledge

816 pages | 653 Color Illus.

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Q&A Session with Editors Miriam and Pay

## Description

# Alternative options



- We have a set of free hardcopies
- We have a set of free eBook codes
- We have a free pdf on our webpage  
<http://www.iwmi.org/resource-recovery-from-waste>

# The book is complemented by our RRR report series

<https://wle.cgiar.org/report-series>



For example:

Vol 6 on

-FSM business models

Vol 10 on

-RRR feasibility studies

Vol 11 on

-RRR Financing (soon out)

# Lastly, on our current and next steps:

... and here we are very open to start new collaborations

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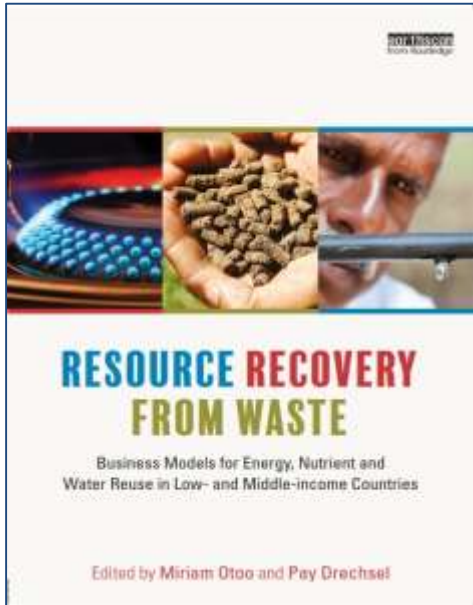
ITT

Institute for Technology and  
Resources Management in  
the Tropics and Subtropics

ATHENA  
INFONOMICS



# Supporting Capacity Development





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Some hardcopies or eBook codes are available **now**.

The book is heavy, please only collect one if it really fits into your luggage!

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**Thank you very much  
for your interest.**