



3 R Knowledge Hub: An overview

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Reduce, Reuse, Recycle

2nd Asia 3R Conference,

18 & 19 March 2008, Mita Common Conference Hall, Tokyo, Japan



Modern Lifestyle



www.3rkh.net



3R Knowledge Hub: An Overview

SHIFT IN CULTURE!





What we do is...

- ❑ Trying to manage waste after it is generated
- ❑ Searching for technologies
- ❑ Spending millions of \$
- ❑ Pointing fingers at the municipal and urban authorities
- ❑ Talking about lack of governmental policies for waste management

An ounce of prevention is better than a pound of cure

**In essence,
We create the problem and look for solutions...
Is there a proactive solution to this issue...**



What is the proactive solution...



- Is there something called "proactive"

- Foresee the issue and try to avoid it

- What if it cannot be avoided at all

- Try to minimize the severity of the issue

Reduce

...the amount of waste you generate

Reuse

...things as much as possible

Recycle

...materials systematically, wherever possible

The 3Rs of Waste Management...!!!



Prevalent Disposal - Open dumping

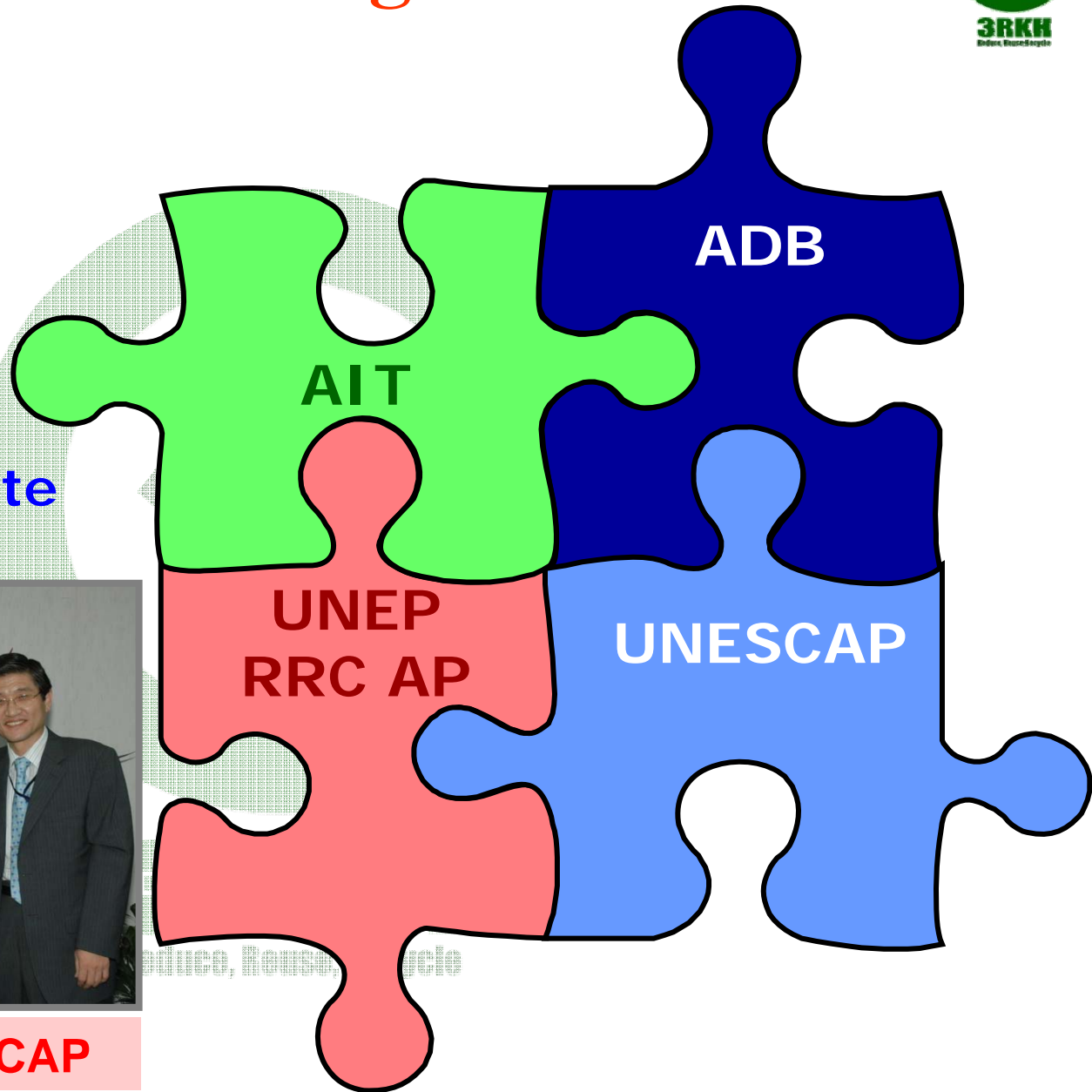




3R Knowledge Hub



- Create, collect and capture
- Store and retrieve
- Share, enrich, and disseminate



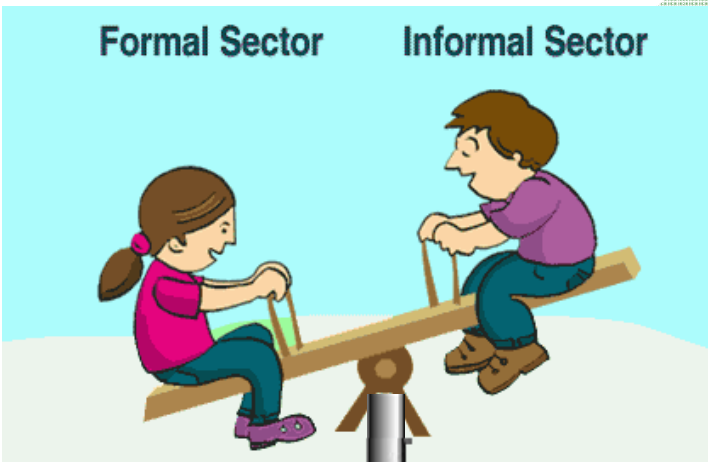
UNEP, AIT, ADB, ESCAP

3R Initiatives in Asia

Current Status

Waste Generators

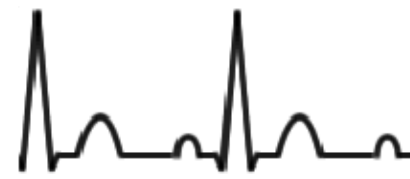
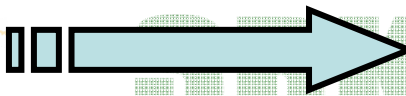
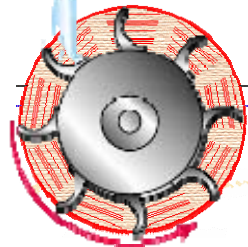
Reduce & Reuse



Informal sector

Scavengers, middle-man, waste dealers, cottage or small-scale recyclers

Recycling



Reduce, Reuse, Recycle

Waste Management



3RKH Database Contents



✓ Assessment Reports

✓ Best Practices

✓ Case studies

✓ Conference Proceedings

✓ Journals

✓ Lessons learnt

✓ Manuals/Guidelines

✓ Periodicals

✓ Policy Briefs

✓ Publications

✓ Experts / Researchers Database

✓ 3R Related Websites

✓ 3R Good Practices

✓ 3R Related Policies

✓ 3R Technology Inventory

✓ 3R Researchers Inventory





3RKH Activities

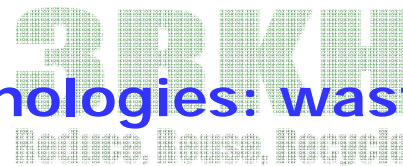


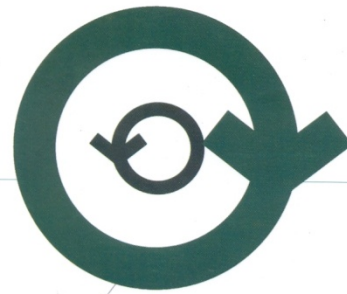
Creation and Publishing – New resources

- Collaboration with Mitsubishi Research Institute, Japan
- New 3R resources;
 - 3R-related policies in Asian countries
 - 3R-related technologies
 - 3R-related good-practices
 - Inventory of 3R-related researchers in the region
 - over 300 researchers and experts in the database
 - More good practices case studies on MSW to be uploaded

Ongoing

- 3R-related technologies: wastewater reuse / reclamation



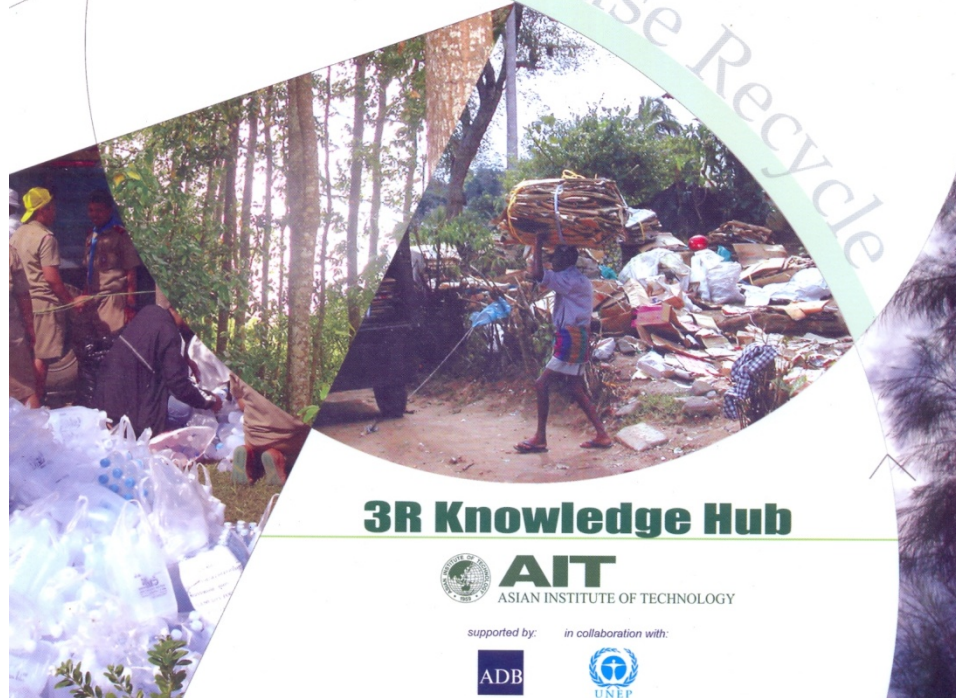


3R in Asia

a gap analysis in selected asian countries

3RKH
Reduce, Reuse, Recycle

Reduce Reuse Recycle



3R Knowledge Hub



supported by: in collaboration with:





Next Steps...

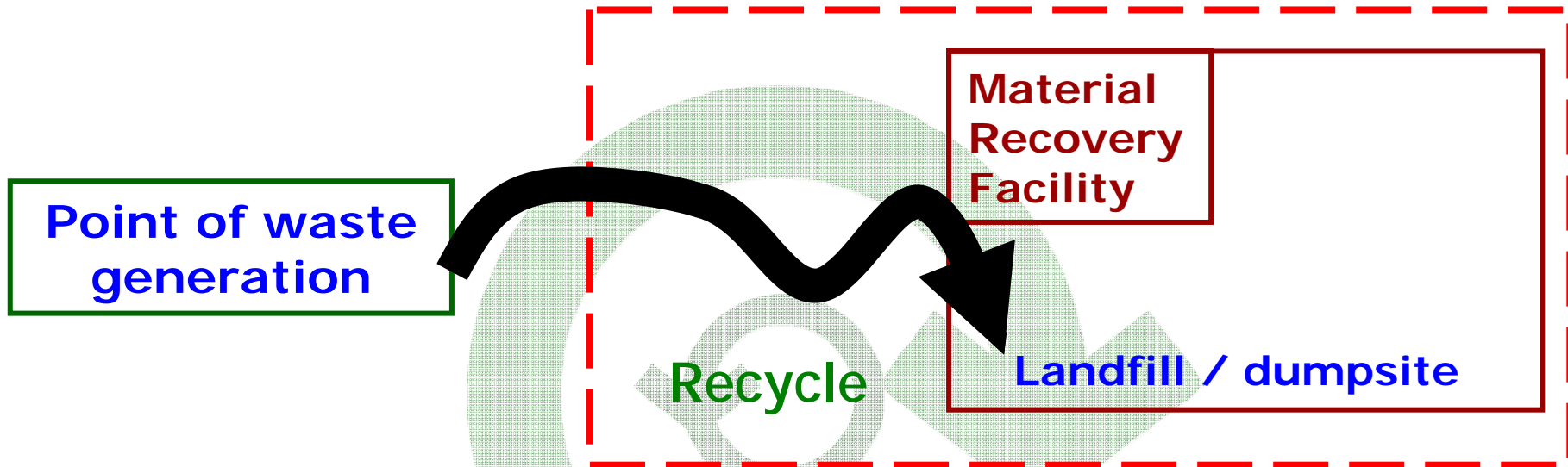


- Development of website functionalities and to enhance the existing website
- Form strategic networks and extend invitation to other stakeholders, for example
 - Tetra Pak Packaging Company
 - Wongpanit Recycling Plant
 - Other UN bodies and NGOs
- Development of 3RKH best practices and case studies by collaborating with other academic and research institutes
- Member of Thematic Working Group on Solid and Hazardous Waste
- Prepare a Status Report on Healthcare Waste in Asian countries





A Paradigm shift...

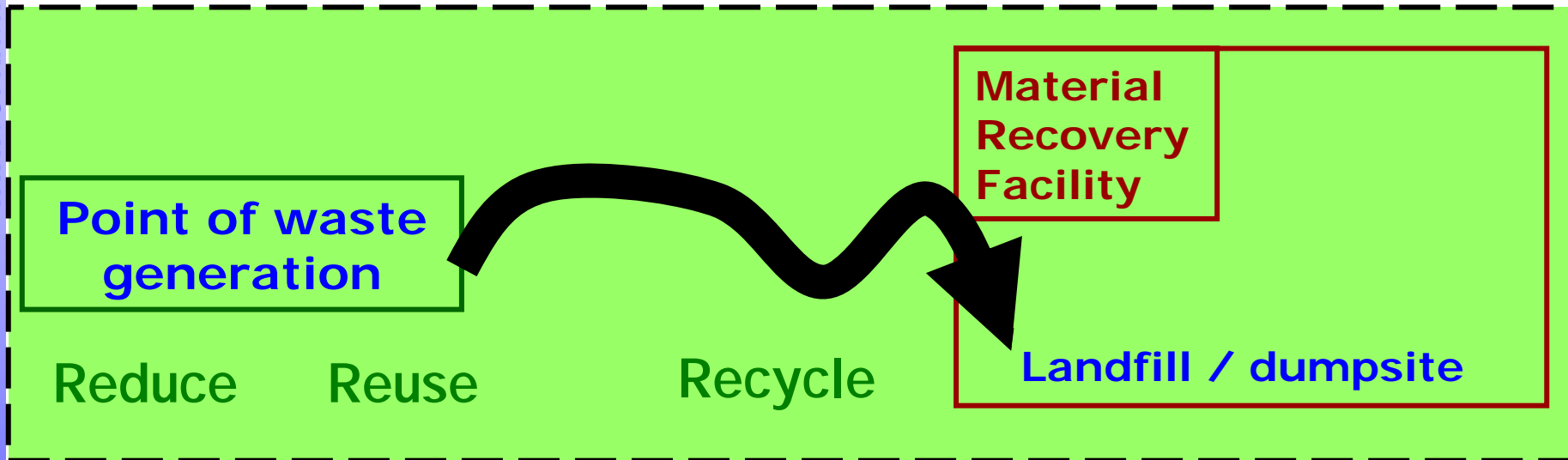


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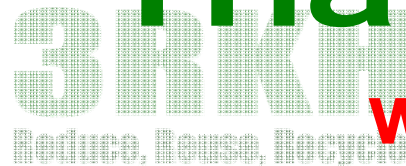
A Paradigm shift...

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Thank You...



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