



ISSOWAMA: INTEGRATED SUSTAINABLE SOLID WASTE MANAGEMENT IN ASIA

The **general inadequate**, when existing, **methods of collection and disposal of solid waste** in most Asian cities are causing **important environmental and social harms**, as human diseases spreading, environmental pollution in general and ground and water pollution in particular.

In order to raise awareness, promote an adequate waste collection and treatment methods, and the economic growth of this activity sector in an efficient and sustainable way, **new waste management systems must be established**, systems that also consider the **informal sector**. This integrated approach should comprise technical, environmental, legal, socio-economic and financial aspects, involving the key actors at different levels to ensure an effective implementation.

ISSOWAMA MAIN OVERALL OBJECTIVE IS TO DEVELOP A PERFORMANCE ASSESSMENT SYSTEM FOR INTEGRATED WASTE MANAGEMENT SCENARIOS, CONSISTING OF A SET OF QUALITATIVE SUSTAINABILITY CRITERIA ALONG WITH QUANTITATIVE IMPACT INDICATORS

Therefore, the Coordination Action ISSOWAMA aimed to raise awareness of the Integrated and Sustainable Waste Management (ISWM) approach. The central focus was the integration of the sustainability aspects into the system, introducing appropriate low-cost and efficient technologies and linking waste treatment with poverty reduction and improvement of welfare of the population.



Besides, ISSOWAMA **promoted international cooperation** between research organisations, universities and social and governmental stakeholders in solid waste management in both Asia and Europe. The experts in the ISSOWAMA network also proposed directions for further research and local implementation.



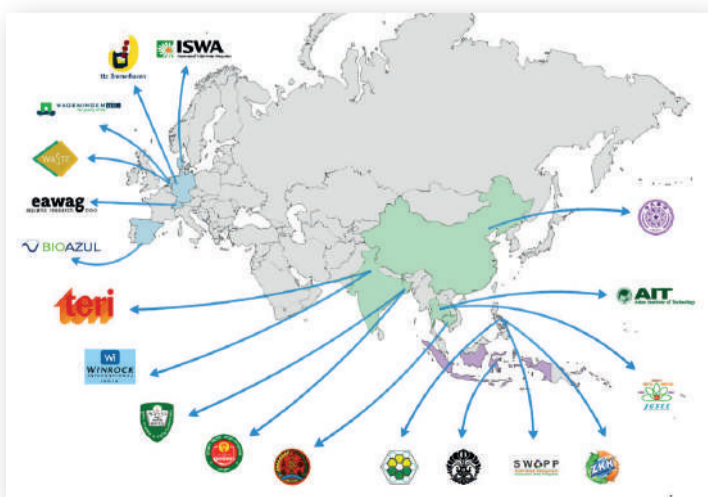
RESULTS OBTAINED

- Mapping of both solid waste management and research networks in Asia.
- Identification of major knowledge gaps and barriers.
- Identification of the relevant potential impacts of ISWM in Asian developing countries.
- Identification, evaluation and documentation of a range of case studies across Asia, to showcase the wide variety of alternative approaches that have been adopted in the region and to draw out the lessons learned.
- Demonstration of the 'new' tool through its application to a selection of the case studies.
- Development of the Asian Guidelines of ISWM assessment methods, a practical tool to evaluate the impacts of solid waste management systems and technologies, within an ISWM and environmental impact assessment framework.
- Production of the Simplified Guide on ISWM in Asian developing countries, that contained the main outcomes of the project, in English, Khmer, Thai, Chinese, Hindi, Bengali, Bahasa Indonesia and Vietnamese languages.
- Dissemination of the results of the project and promotion of ISWM to stakeholders in Asia.

PROJECT DATA

Web: www.issowama.net
Funding Programme: 7th Framework Programme
Contract n°: 211873
More info: CORDIS-ISSOWAMA

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