



Collaboration on Development of Technology and Research on Waste Refinery

Implementing partners: Borås City, Sweden - Sleman Regency (Yogyakarta), Indonesia

Reasons, goals and methods. Municipal partnership to manage waste.

Building on a previous exchange between the University of Borås and the Gadjah Mada University the aim of this Municipal Partnership was to build a cooperation platform around issues related to waste management. It engaged politicians, academia, entrepreneurs and neighbouring cities in order to find solutions to tackle problems related to waste management. Before the partnership started there was no systematic work with recycling and all waste was simply brought to a city dump. Regarding methods peer-to-peer exchanges (at city, university and entrepreneurial levels), and study visits have been central in this project.

Cooperation & alignment. The value of multiple stakeholders.

Cooperation between different actors constitutes the very essence of this project. The project is based on the idea that single actors cannot solve complex problems on their own. Municipalities may lack the required knowledge and tools, which may be available at universities or held by entrepreneurs. This project has experimented how these different stakeholders can cooperate together in order to create mutually beneficiary projects.

The project is aligned with Indonesia's strategies to create a sustainable future and has, being in the forefront of this development, received several national rewards for what it has accomplished.

Project Outcomes and Lessons Learned

- Increased awareness of issues related to waste management and sustainable development.
- The creation of a pilot plant to show how to produce biogas from the waste of the central fruit market in Sleman (the construction was funded by other grants)
- Incentives have been created for vendors at the fruit market in Sleman to collect waste. The vendors are now partners in a company (owned by them, the university and the city) that, from their waste, produces bio electricity.
- Sleman received several awards for their work with environmental management, the Adipura, Adiwiyata and Kalpatura awards from the Government of Indonesia.

The project has been supported by the Swedish Municipal Partnership Programme administered by ICLD, funded by the Swedish International Cooperation Agency. Contact information: Borås City: Daniel Wennerlund: Daniel.wennerlund@boras.se Sleman Regency: Drs P. Suyanto, tel +62 0274 868800