

Minimization of burdens on human health and on environment by solid waste reduction, waste management and recycling in Bali (“BaLiMa”)



Project Application IDN-IOG02

Testing phase for a waste-separation/-collection/-reuse system in a sample street. Sensitisation on environmental issues through workshops and educational projects.

Location: Tejakula, Bali (Indonesia)
Target group: Citizens of Tejakula
Timeframe: 2013, November
Partner: Yayasan Gaia-Oasis, Tejakula
Total costs: 16497,52 €
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Project background (current situation)

The non-governmental organisation Yayasan Gaia-Oasis (YGO) launched cooperation with Engineers Without Borders (EWB-Germany) to achieve a more sustainable waste management in Northern Bali.

The Municipal Council of Tejakula in the North of Bali started a waste collection in 2011, but the waste depots are unable to cope with the large quantities of waste (almost 100 t per month). That's why the large part is burned in open fire, which endangers local people and environment. The Berlin group „Bali Limbah Management“ (BaLiMa) of Engineers Without Borders carried out a feasibility study in cooperation with the Yayasan Gaia-Oasis in 2012. A plan of project was worked out in the first quarter of 2013.

Project description

While workshops and action days were carried out at the Senior High-school in Tejakula in the course of the feasibility study, the planned project is supposed to be comprised of two project parts. On one side pupils and inhabitants will learn about waste reduction in ECO-Workshops and shall be motivated to develop further projects autonomously. The inhabitants know their resources and problems with waste best. That's why individual initiative is demanded.

Apart from that a sample street with a waste separation system (TWIN-BIN) to separate fractions of organic and non-organic waste should be arranged in Tejakula for a testing phase. A huge amount of waste can be reused, recycled or composted provided if an adequate collection and sorting is done already in the households. The separated waste will be brought to the local depots, where composting and reprocessing can be done.

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