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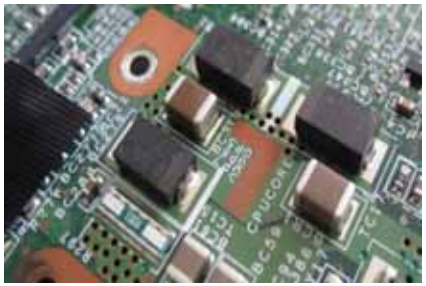
The Best of two Worlds Project (Bo2W)

Remaining Challenges

Dr. Matthias Buchert, Oeko-Institut

Bo2W Closing Event, Berlin, 24 September 2015



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Remaining Challenges: Negative Value Components (NVC)

- Negative Value Components of WEEE and used lead acid batteries are typically discarded into the environment or burnt on open fields with very negative impacts to the environment and health.
- There is **no level playing field** for formal and informal players with regard to the Negative Value Components (NVC) and health and safety (H&S) conditions.
- Currently recycling companies complying with (international) H&S requirements can **not economically compete** on the national market.
- The **limitations of a strict polluter pays principle** are evidently demonstrated for the “Fluorescent Lamp Waste Treatment Unit at Nasreya Hazardous Waste Treatment Center” where a (minor) fee is required for collection and safe treatment / disposal. Only very limited amounts of lamps are delivered to collection points.

The problem is still unresolved

Source: Oeko-Institut

Source: Oeko-Institut

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Key Problem: Uneven playing field

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Example Cables:

- Open burning is extremely cheap and requires almost no labour.
- Shredders and strippers require investments and running costs
- Many machines cannot cope with all types of cables

Key Problem: Uneven playing field

Source: Oeko-Institut

Source: Johnson Controls

Example lead-acid batteries:

- Sound management of acid is costly
- Health & safety and pollution control require investments
- Regular health checks needed

Key Problem: Uneven playing field

- Environmentally sound recycling enterprises face **structural disadvantages**.
- These disadvantages result from the fact that **crude recycling externalised cost** (pollution → impacts on human health and the environment).
- This structural disadvantage **needs to be addressed**.

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Institut für angewandte Ökologie
Institute for Applied Ecology

Many Thanks for Your Attention!

Dr. Matthias Buchert

Oeko-Institut

Phone: +49 6151 8191 147
E-Mail: m.buchert@oeko.de

Find more information about the
Best of two Worlds Project (Bo2W):
www.resourcefever.org

Bo2W project team