

## Global circular economy of strategic metals - best-of-two-worlds approach (Bo2W)



**Start:**

**End:**

**Description:**

1st of June 2012

30th of September 2015

The problems associated with the recycling of e-waste in Africa, for both people and the environment, are well-known. Less well known, though, are the benefits that sustainable recycling can bring. Oeko-Institut's new project aims to investigate and facilitate the transition to sustainable recycling solutions to recover scarce and valuable metals like platinum, indium etc. from locally generated end-of-life electrical and electronic equipment and end-of-life vehicles, by developing and implementing new strategies for recycling these scrap flows in a manner that respects public health, is environmentally sound, and is socially acceptable. The project follows the "Best of Two World" concept developed by the multi-stakeholder Solving the E-waste Problem (StEP) Initiative (<http://www.step-initiative.org>) hosted by the UN's research arm, the United Nations University (UNU). More details in the following documents:

**Authors involved:**

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# Publications List

## Reports

[Bo2W: Recycling options for disposable and rechargeable dry-cell batteries in Ghana and Egypt](#)

Mehlhart, G., Hay, D., 2016

[Transition to sound recycling of e-waste and car waste in developing countries - Lessons learned from implementing the Best-of-two-Worlds concept in Ghana and Egypt](#)

Mehlhart, G., Degreif, S., Manhart, A., Buchert, M., 2016

[How to finance the Bo2W approach](#)

Bleher, D., 2016

[Auf dem Weg zu nachhaltigem Recycling von Elektroschrott und Altfahrzeugen in Entwicklungsländern - "Lessons learned" der Implementierung des Best-of-two-Worlds Konzeptes in Ghana und Ägypten](#)

Buchert, M., Manhart, A., Degreif, S., Mehlhart, G., 2016

[Recycling of Hard Disk Drives - Analysing the optimal dismantling depth for recyclers in developing countries and emerging economies](#)

Mehlhart, G., Degreif, S., Manhart, A., Buchert, M., 2015

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## Presentations

[Bo2W Closing Event: Summary project achievements](#)

Buchert, M., 2015

[Bo2W Closing Event: Possible solution strategies](#)

Manhart, A., 2015

[Bo2W Closing Event: Possible solution strategies Ghana](#)

EPA Ghana, 2015

[Bo2W Closing Event: Project introduction](#)

Buchert, M., 2015

[Bo2W Closing Event: Remaining challenges](#)

Buchert, M., 2015

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## Brochures

[Bo2W Poster: Dismantling CRT \(english\)](#)

Öko-Institut e.V., 2015

[Bo2W Poster: Dismantling CRT \(french\)](#)

Öko-Institut e.V., 2015

[Bo2W Poster: Dismantling Desktop Computer \(english\)](#)

Öko-Institut e.V., 2015

[Bo2W Poster: Dismantling Desktop Computer \(french\)](#)

Öko-Institut e.V., 2015

[Bo2W Poster: Packaging Lead Acid Batteries \(english\)](#)

Öko-Institut e.V., 2015

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## [Articles](#)

[Press release: Bo2W lead acid batteries](#)

Öko-Institut e.V., 2014

[Press release: global circular economy of strategic metals](#)

Öko-Institut e.V., 2012