

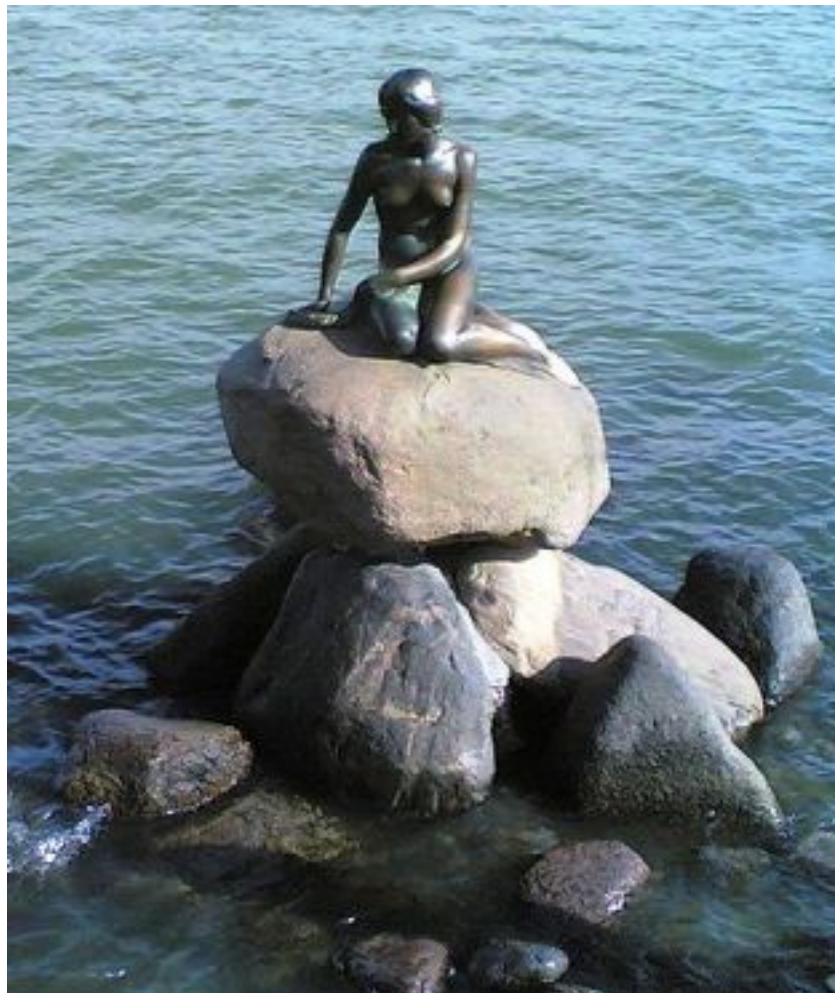
FORWAST



FORWAST final workshop

Overall mapping of physical flows and stocks of resources to forecast waste quantities in Europe and identify life-cycle environmental stakes of waste prevention and recycling

November 25, 2009, Copenhagen, Denmark



Picture originally posted to Flickr as Little Mermaid (w/o tourists) by David Mellis

👉 FORWAST is a Scientific Support to Policies project designed to contribute to the EU Strategy for Sustainable Development and the 6th Environment Action Programme. It addresses the environmental issues of waste generation and management using a life-cycle thinking approach.

<http://forwast.brgm.fr>

Rationale

☞ The activities of the European economy use a considerable amount of natural resources that end in products, emissions and waste. Products accumulate in the antropospheric stock (buildings, infrastructure, machines, cars, etc.). The degradation of stocks produces emissions. The demolition, dismantling of stocks produces new resources and waste. In turn, the recycling and treatment of waste produces new resources and emissions. What will be our future waste? Where will they come from, in which quantity? How can we act now to favour the productivity of resources and minimise the environmental impact of our economy? The understanding of this complex loop within the economy from natural resources to waste and waste to resources, accompanied by its leaks of emissions to the environment is the core objective of Forwast.

Preliminary Agenda

☞ The final workshop is aimed at giving an overview of the methodology and disseminating the results of the project. It offers an opportunity to discuss the interest of future waste policies of prevention and recycling.

09:00 – 09:30. Welcome and opening

- the EU strategies on resources & waste (Michele Galatola, European Commission)
- the Forwast project (Jacques Villeneuve, BRGM)

09:30 – 11:00. Methodology

- the Forwast model (Jannick Schmidt, 2.-0 LCA Consultants)
- data mining in 27 European countries (Gerold Hafner, U. Stuttgart, Alina Rejman – Burzynska, GIG)
- 9 scenarios of waste management for the next 25 years (TU Vienna)

11:00 – 11:15. Coffee break

11:15 – 12:30. Results (Jannick Schmidt, 2.-0 LCA Consultants)

- the flows and stocks of resources in Europe
- the future waste generation in 9 scenarios
- the stakes of prevention and recycling

12:30 – 13:30. Lunch

13:30 – 14:15. Limits of the approach (Jannick Schmidt, 2.-0 LCA Consultants)

- the IO aggregation level for waste accounting
- the products composition
- the data gaps

14:15 – 15:00. Perspectives

- use of the FORWAST method in the ecoinvent LCI-database – "detailed and refined version of the FORWAST-model" (Bo Weidema, 2.-0 LCA Consultants)

15:00 – 16:00. Round table discussion/ questions of the audience

16:00 – 16:30. Closing

Practical information

☞ Meeting place: **Alexandersalen, Bispetorvet 1-3, 1167 København K**
More information and registration form on:

<http://forwast.brgm.fr/workshop>