Introducing myself

Studies
- MSc Theoretical physics, 1987
- PhD Environmental science, 1997

Work at
- Faculty of Medicine, Leiden
- Faculty of Economics, Amsterdam
- Institute of Environmental Sciences, Leiden

Now
- teaching LCA, modelling, etc.
- researching LCA, IOA, thermodynamics, economics, etc.
- programming LCA, IOA, etc.
Introducing my institute

- Institute of Environmental Sciences
  - part of Faculty of Science, Leiden University
Introducing my institute

- CML
  - 28 full time jobs
- 2 departments
  - Conservation Biology (CB)
  - Industrial Ecology (IE)
- Tasks
  - academic research (university, funds, ...)
  - education (BSc, MSc, PhD, ...)
  - contract research (EU, national government, companies, ...)


Introducing my institute

- Industrial Ecology
  - ... is an interdisciplinary field that focuses on the sustainable combination of environment, economy and technology. It is a form of environmental systems analysis that focuses on the interface between the physical world and our symbolic society. It links the economy (the symbolic part of society) with the technosphere (the physical reality). In doing so, it considers the societal contexts (economics, organizations, institutions, ...), the technological systems (energy, food, transportation, ...), and the environmental repercussions (resource depletion, pollution, land and water use, ...)

Introducing my institute

- Industrial Ecology
Agricultural LCA?

- LCA in general
  - but quite some elaboration of agriculture
  - EU-concerted action, 1996
  - biofuels

- Contributing to “general purpose” development
  - regionalization
  - acidification, eutrophication, ...
  - LCSA (CALCAS)
Merci!

- Further info:
  - http://cml.leiden.edu
  - http://www.cmlca.eu
  - heijungs@cml.leidenuniv.nl