

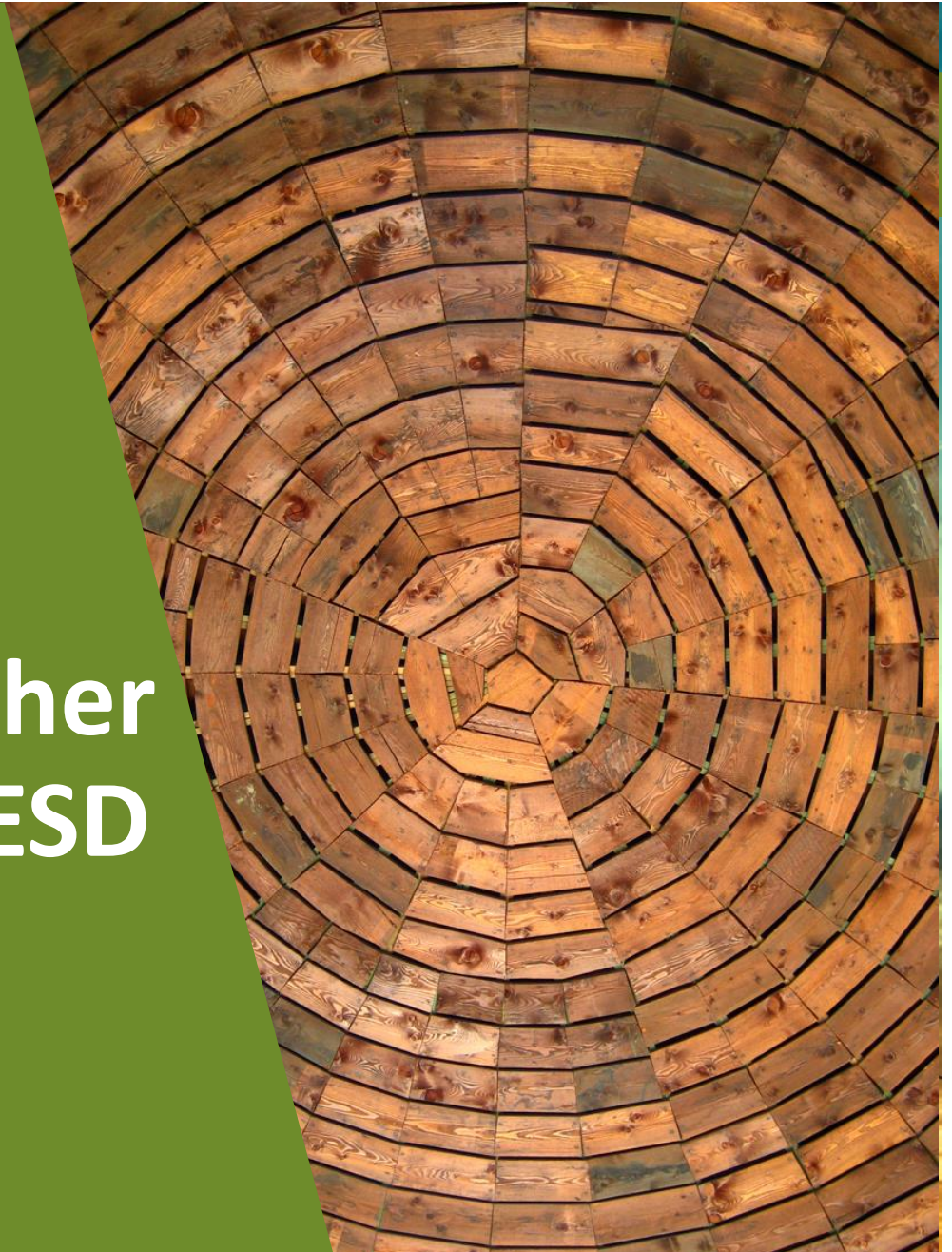


Flanders
State of the Art

Inspiring and supporting teachers in higher education for ESD

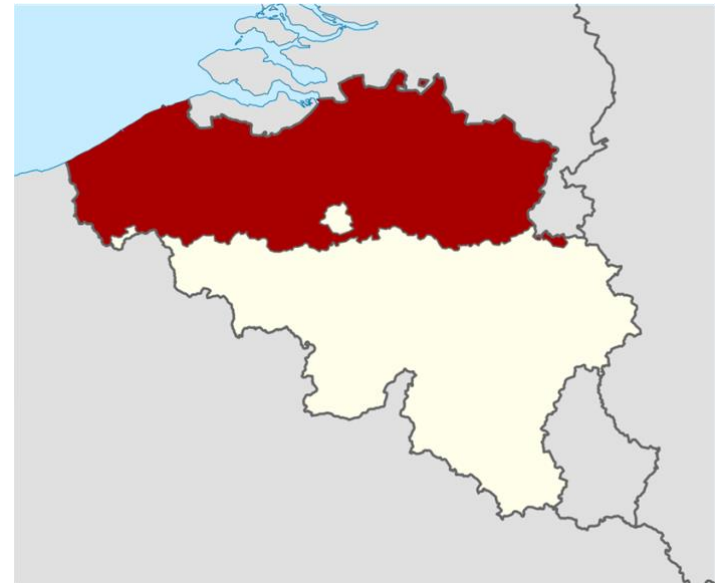
Ecocampus, Flanders, Belgium

UNICA GREEN Workshop april 2017



Ecocampus

- ▶ **Flemish government support for sustainable higher education**
- ▶ **18 tertiary education institutions**
 - 5 universities
 - 13 university-colleges
 - 225.000 students
 - 50-50 academic-professional



Ecocampus

SD in

- ▶ teaching & Learning
- ▶ research
- ▶ community and public engagement
- ▶ leadership
- ▶ international partnerships

Ecocampus initiatives

We aim to

- ▶ connect
- ▶ support
- ▶ inspire

Ecocampus initiatives

Building bridges

- ▶ entrepreneurship
- ▶ internationalization
- ▶ service learning
- ▶ ...

Ecocampus

Teachers, researchers, students...

- ▶ experiment with sustainability issues
- ▶ build a capacity for SD
- ▶ are empowered by an enabling environment

SD in Teaching & Learning

Experiment with sustainability issues

- ▶ transdisciplinary summerschool
- ▶ wicked problem plaza
- ▶ transdisciplinary seminar agro-ecology

SD in Teaching & Learning

Build a capacity for sustainability

- ▶ ESD professional development
- ▶ inspiring days
- ▶ interactive knowledge platform
- ▶ share experience from experiments
- ▶ learning networks (social work, teacher training, economics)

Learning Networks

To enhance/create knowledge and teaching skills to implement ESD

- ▶ introducing/create didactic tools
- ▶ discussing theoretical frameworks
- ▶ exchanging good practices
- ▶ start-up experiments

Learning Networks

Key-factors

- ▶ participation on voluntary basis
- ▶ co-creation
 - topics are suggested by participants
 - participation in the development of output materials
- ▶ methodology approaches
 - interactive and participatory
 - research oriented
 - action oriented

Learning Networks on economics

Network for teachers of economic training programs

How do we implement sustainability in courses within economic training programs?

Learning Network on Economics

EDGE-KIT

► co-create a tool

- starting point: sustainability issue
- intersection science – society
- globally with locale impact
- different perspectives

► two approaches of resource management as a sustainability issue

- mining in Peru
- transition towards a circular economy in Flanders

MACRO ECONOMIE



- Het Congaproject in Cajamarca
- Kritieke grondstoffen voor Europa

MICRO ECONOMIE



- Peak Gold en de stijging van de goudprijs
- Product en dienst combinaties

MANAGEMENT



- Particulier autodelen: Dégage!
- Windmolens: een investeringsanalyse

MARKETING



- Goed Goud campagne Nederlandse Solidaridad
- The story behind our Ocean Bottle

Smartphone ontmanteld



Met deze fiche laat u uw studenten vanuit één product het mondiaal economisch systeem analyseren, systeemdenken en acties aanbevelen aan een reëel

Duurzame businesscases



Deze fiche geeft inspiratie bij het ontwikkelen van een business case voor duurzaamheid door studenten

[Lees meer >](#)

OVAM SIS Toolkit in de les

OVAM SIS TOOLKIT

Een instrument om duurzaamheidsprincipes te integreren in innovatie- en designprocessen

Learning Network on Economics

Two tracks

► action sheets

- courses macro-economics, micro-economics, marketing, management & accounting
- illustrate existing courses with new examples

► instruments

- new content and methodology
- to develop competences for SD

Action sheet

The story behind our ocean bottle

▶ marketing

▶ content

- a good example of a Belgian Company that makes laundry and cleaning products
- made an 'ocean bottle' from plasticsoup out of the oceans
- marketingstrategy is shown
- questions

(Ecover's project can be seen as a form of social marketing. This variety of marketing uses commercial marketing concepts and techniques in order to achieve societal or social changes. Which is the change in consumer behavior aimed?)

Action sheet

Peak Gold and the rise in gold prices

► microeconomics

► content

- which sectors need gold?
- what makes gold prices rise?
- what is the social and environmental impact of gold mining ?
- questions

(The gold price is relatively low. if we settle externalities into the price of gold, like water use and pollution, health impacts to workers and the local population, deforestation, reduce the fertility of agricultural land, what would the price be?
Make a simulation)

Instrument: example

Your smartphone dismantled

- ▶ what does a smartphone contain and where does it come from?
- ▶ they examine the impact of a smartphone's current life cycle on various stakeholders in Peru, China and Europe
- ▶ the students formulate recommendations for a real company 'Fairphone'

Learning Network on Economics

Future?

- ▶ support teachers
- ▶ evaluating Edge-kit
- ▶ extend





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<https://www.lne.be/ecocampus>

