

Title of the whole course: Transportation Ecology I/II

Environment, Energy & Transport

Name of the Educational Test Site

TU Dresden, University of Technology Dresden, Dep. Of Transport Science

Objective of the whole course

Understanding of environmental effects of transport should be strengthened. Feedbacks and systematic responses are modelled or discussed. The strategic option of “sustainable transportation” is evaluated, then.

Content of the whole course

- Effects of transport auto the environment
- Emission modeling: Calculation of transport emissions
- Noise and ozone and CO2
- Sustainable transportation

Which parts of PORTAL (project results) were taken up?

Chapters of Portal, written material and transparencies

Which PORTAL material was used?

Parts of the written material, parts of transparencies

Separate / existing course	Existing
Optional / compulsory course	Compulsory
Name of the corresponding curricula	Transportation Ecology I/II
Participants' level	6
Type of input	Lecture
Number of participants	30 + 50
Timing	15 May 2002
Exercises	Discussion groups
Language	German

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Language of lecturer	German, English
Fields of expertise	Environment, energy and transport, sustainability