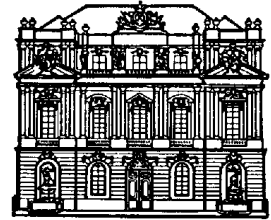




Euro-CASE



Austrian Academy of Sciences

Euro-CASE workshop "Wastewater Sludge as a Challenge"

Vienna, 25 June 2001

*Organised by the Austrian Academy of Sciences
and the European Council of Applied Sciences
and Engineering, Euro-CASE*

**Sponsored by the Austrian Academy of Sciences
and**



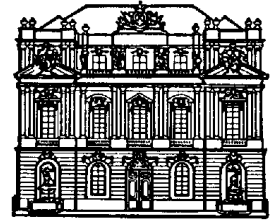
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Austrian Academy of Sciences

**Euro-CASE Workshop: "Wastewater Sludge as a Challenge"
Vienna, 25 June 2001**

Sponsored by the Austrian Academy of Sciences and WABAG

Austrian Academy of Sciences

**Dr. Ignaz Seipel-Platz 2, meeting room: Sitzungssaal, 1st floor
A-1010 Vienna, Austria**

PROGRAMME

Chairman morning session : Prof. Brian Rofe (UK), RKL Arup, Chairman of the Steering Group

Introductions to the workshop

- 09.00-09.05: Welcome
Prof. Dr. Othmar Preining, Austrian Academy of Sciences
- 09.05-09.15: Euro-CASE
Mr Alain Mongon, Euro-CASE
- 09.15-09.45: The European Commission Research Programme on Sludge
Mr Jean-François Junger, European Commission DG Research
- 09.45-10.15: Wastewater treatment and sludge disposal– what are the challenges?
Prof. Helmut Kroiss (A), Technical University of Vienna
- 10.15-10.35 Coffee

Disposal alternatives and technologies

- 10.35-11.05: Final disposals alternatives, their influence on the regional material fluxes and their impact on the environment and sustainability
Prof. Dr. Paul H. Brunner (A), Technical University of Vienna
- 11.05-11.35: Sludge disposal methods and corresponding treatment technologies aimed at sustainable handling of wastewater sludge.
Prof. Hallvard Ødegaard (N), Norwegian University of Science and Technology



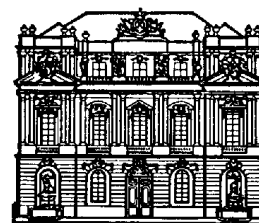
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Use of sludge in agriculture land

11.35-12.05: Sludge quality and quality criteria for agricultural use of sludge in the context of sustainable soil protection goals.

Prof. Winfried Blum (A), University of Agriculture, Vienna

12.05-12.35 Public health aspects connected to the use of sludge on land

Dr. Wolfram Martens (D), University of Hohenheim

12.35-13.45: **Lunch**

Chairman afternoon session: Prof. Hallvard Ødegaard (N), Norwegian University of Science and Technology, Deputy Chairman of the Steering Group

Alternatives to agricultural use of sludge

13.45-14.15: Alternative uses of sludge on land and corresponding sludge qualities required

Dr. Peter Balmér (S), Gry aab

14.15-14.45: Recovery of phosphate and other valuable products

Peter Piekema (NL), STOWA Foundation

14.45-15.15: Is it possible to make sludge an asset, when not accepted in agriculture ?

Dr. Björn Rosén (S), Scanvirement

15.15-15.35: Coffee

Sociological and economical challenges

15.35-16.05: The economical challenges towards sustainable sludge management

Dr. Tim Evans (UK), Tim Evans Environment

16.05-17.00: Conclusions and recommendations

Prof. Hallvard Ødegaard (N)

Paris, 21.06.2001



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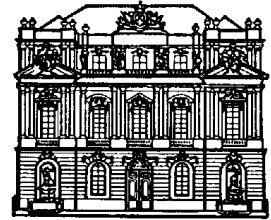
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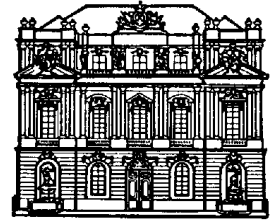
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Paris, 26.06.2001



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