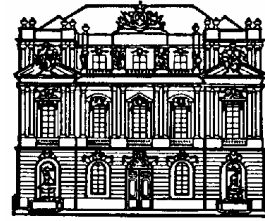




Euro-CASE



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**



Euro-CASE

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Euro-CASE
Sciences



Austrian Academy of

**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

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), Scanvironment

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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