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## SEMINAR

## ENVIRONMENTAL MANAGEMENT / INDUSTRIAL POLICY

Sofia, April 26-28, 1995 - BOYANA BUSINESS CENTER

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## Seminar Programme

### Seminar on Sustainable Industrial Policy in Danube River Basin Countries 26-28 April 1995, Sofia, Bulgaria

#### Thursday 27 April

09 00-10 00	Session 1	Opening and Introductions
10 00-10 45	Session 2	Environmental Concerns in the Danube River Basin Industrial Restructuring and Environment
10 45-11 00	Coffee break	
11 00-12 00		Small Group discussions
12 00-13 00		Report-back and discussion (plenary)
13 00-14 00	Lunch	
14 00-14 30	Session 3	Regulatory trends, tools and implications
14 30-15 45	Session 4	Industry Sector Response to environmental policies Bulgarian case studies
15 45-16 00	Coffee Break	
16 00-17 00		Small Group discussions
17 00-18 00		Report-back and discussion (plenary)
19 00	Dinner	

#### Friday 28 April

09 00-09 10		Overview of the day
09 10-10 00	Session 5	Integrating environmental policy in industrial development strategies and programmes
10 00-10 15		Discussion (plenary)
10 15-10 30	Coffee break	
10 30-11 00	Session 6	Institutional Requirements
11 00-12 00		Small Group discussions
12 00-13 00		Report-back and discussion (plenary)
13 00-14 00	Lunch	
14 00-14 45	Session 7	Financial aspects and prioritisation
14 45-15 15	Session 8	Technical Assistance requirements
15 15-15 30	Coffee break	
15 30-16 30		Small Group Discussions
16 30-17 00		Report-back (plenary)
17 00-18 00		Evaluation session Recommendations Drafting Group
18 00-19 00		Recommendations discussion (plenary)
19 00		Coctail party/dinner

## ANNOTATED PROGRAMME

### OF THE SEMINAR ON SUSTAINABLE INDUSTRIAL POLICIES IN THE DANUBE RIVER BASIN COUNTRIES 26 - 28 APRIL 1995, SOFIA, BULGARIA

#### *Session 1*

##### *Objective of the seminar*

- Raise awareness of industrial environmental policy issues
- Assess national institutional capacity
- Identify required technical assistance activities

##### Introductions

##### *Background of the Seminar*

- Danube River Programme
- UNIDO Programme
- How the seminar will work

##### *Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Richard Holland (Danube Programme Coordination Unit)  
Mr. Yuri Akhvlediani (UNIDO)  
Mr. Skip Luken (UNIDO)

#### *Session 2*

##### *Environmental Issues and Restructuring*

*This session will discuss the main environmental concerns in the Danube countries, focusing on the Danube Programme's 'hot spot' approach and the need for prioritization. It also aims to briefly present key concerns and issues by country and medium. The second part of the session will focus on the impact of industrial restructuring on the environment, and on the linkage of industrial restructuring/privatization, competitiveness and the environment.*

- Concerns/issues by country/theme (water/waste/air)
- The 'hot spot' approach and investment pipeline
- Future trends
- Discussion points: how to prioritize? how can industry make contributions?

##### Industrial restructuring and environment

- Industrial restructuring in Danube countries: privatization, competitiveness and environment
- Environmental impacts of industrial restructuring
- Reduction in pollution
- Site contamination, clean-up and liability issues
- Incorporation of environmental issues into restructuring policies.

##### SMALL GROUP DISCUSSION

- Four groups, by country
- Current experience of integration of environmental issues: successes and constraints; what has been done, what has gone wrong?
- Report back

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Richard Holland (Danube Programme Coordination Unit)  
Mr. Yuri Akhvlediani (UNIDO)  
Mr. Skip Luken (UNIDO)

*Session 3*

*Regulatory Trends, Tools and Implications*

*This section will discuss the principles and main trade-offs of environmental policy. It will also set out regulatory trends (particularly in the context of harmonization with EU standards and laws), and the main policy instruments for environmental management. It will finally discuss the economic and financial implications of such management measures.*

*Key Issues*

Principals of environmental policy

- Emission standards vs ambient standards
- End-of-pipe approaches vs prevention
- Command and control versus economic incentives

Harmonization with EU legislation

Environmental policy instruments

- Market based policies, economic incentives and disincentives; internalizing costs
- Regulatory policies
- Different standards for new and existing plants
- BAT approach
- Integrated permitting and integrated pollution control
- Pollution reduction through management measures

Economic/financial implications of legislation, policy and management measures for industry sector

Reduction of pollution intensity is more important than large-scale investments (but why is 50% pollution reduction through low-cost/management measures not happening?)

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Ms. Yvonna Rees (WRC)  
Dr. Jill Shankleman (ERM)

*Session 4*

*Industry Sector Response*

*The purpose of the session is to discuss the key elements of an industry sector strategy in general, and with regard to sustainability needs and requirements. It will give participants the opportunity to develop frameworks for industrial management within which environmental objectives can be achieved.*

*Key Issues*

- Importance of transparency and certainty
- Reconciling environmental quality and even-handed standards
- Level playing field, transparency and enforceability as main criteria for policy choice
- Managing enforcement (eg compliance schedules)

- Pro-active environmental management measures (eg environmental management systems, EIA and environmental audits)
- Examples/case studies from Western Europe

SMALL GROUP DISCUSSION

- Two working groups (industry sector, regulators)
- Preferred regulatory framework and instruments (industry vs regulators)
- Main obstacles/success stories
- Most effective enforcement action
- Report back

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Dr. Jill Shankleman (ERM)

Session 5

*Incorporating environmental policy in industrial development strategies and programmes*

*Building on the previous session, the objective of this session is to widen out the discussion, this time from an environmental viewpoint. It will discuss approaches to environmentally sustainable industrial development, and will highlight the potential antagonism of industrial and environmental objectives. The discussion will seek to arrive at a consensus regarding the objectives and key elements of an industry/environment policy.*

*Key Issues*

- What is SID
- Need for SID
- What are the key components of SID
- Macroeconomic impacts of SID
- What is the appropriate strategy for achieving SID
- Plenary discussion: industrial policy and trade-offs with the environment.

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Skip Luken (UNIDO)

Session 6

*Institutional requirements*

*An effective institutional framework is precondition for a successful sustainability policy. This section will set out the main elements that characterize effective institutional structures, give participants the opportunity to present the situation in their countries, and discuss current capacity constraints and how to address them.*

*Key Issues*

- Principles of effective institutional structures (eg networking among same functions in different countries, interministerial coordination)
- National institutional capacities
- Capacity constraints and options for addressing constraints; what has worked and what hasn't?
- Case studies: institutional infrastructure in Austria and/or Germany



SMALL GROUP DISCUSSION

- Four working groups, by country
- Current situation, requirements and practical steps possible over the next 12 months
- Report back

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Rainer Seegmuller (ERM)  
Austrian/German experts

*Session 7*

*Financial Aspects and Prioritization*

*This session will be dedicated to the need to prioritize investments due to financial constraints, and international sources of funds. It will also discuss the relatively small contribution international funds can make towards environmental improvements, and the need for low-cost measures.*

*Key Issues*

- Financial constraints are the overriding constraint
- Overview of funds and investment mechanisms available from CEE
- Funds will always be insufficient: need to identify win-win projects and to prioritize investment needs
- Criteria for prioritization
- Donor funds can never more than supplement domestic funds (95% vs 5%)
- Plenary discussion

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Richard Hilland (Danube Programme Coordination Unit)  
Mr. Rainer Seegmuller (ERM)

*Session 8*

*Technical Assistance Requirements*

*In this session, the seminar will discuss the role of technical assistance in the process of arriving at and implementing a SID strategy. Participants will be asked to generate and then prioritize concrete lists of technical assistance projects which will serve as the final 'statement' of the seminar.*

*Key Issues*

- Role of technical assistance
- Examples of technical assistance initiatives (eg funding of clean production centres, institutional and policy advice, UNIDO clean production training)
- Sources of technical assistance funds

SMALL GROUP DISCUSSION

- 3 working groups
- Generation of a prioritized list of technical assistance requirements
- Report back

*Session Leaders*

Mr. Ilya G. Natchkov (Danube River Programme)  
Mr. Richard Holland (Danube Programme Coordination Unit)  
Mr. Skip Luken (UNIDO)

*Session 9*

*Summary and evaluation*

*Key Issues*

- Final statement: technical assistance requirements
- Press conference.