



**Improving existing institutional frameworks,
legislation and policy related to Emission Limit
Values (ELV) for industrial effluents, industrial
permitting and monitoring systems according to the
IPPC principles and CP concepts**

IPPC Seminar

October 2nd □ 3rd 2011 Rammallah



Structure
of an
Environmental Permit
related to IE (IPPC) – Directive
- Case study -



Overview - Structure

- I. Receiver of the permit
- II. Scope of the permit
- III. Collateral clause (obligations)
- IV. Expiration of the permit
- V. Costs
- VI. Reasons
- VII. Instruction on right to appeal



II. Scope of the permit

- Parts of installations
- Auxiliary facilities associated
- Capacity – Limitation of input ...
- Time of operating
- Location of the installation
- Definition of application documents
which are part of the permit



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III. Collateral clause (obligations) – Overview 1

1. General
2. Air pollution control
3. Noise protection
4. Waste management
5. Brownfield
6. Water protection
7. Plan safety
8. Workers safety
9. Building lease
10. Nature protection
11. Drainage plan
12. Miscellaneous – individual case



III. Collateral clauses (obligations)

1

2. Obligations air pollution control (1)

- Charge materials
- Emission limit values (ELV) dust (general)
- Emission reduction measures and ELV melting units
 - o Cupola furnace
 - o Induction furnace
- Emission reduction measures and ELV metal treatment
- Emission reduction measures and ELV core making
- Emission reduction measures and ELV moulding shop



III. Collateral clauses (obligations)

1

2. Obligations air pollution control (1)

- Emission reduction measures and ELV finishing, grinding
- Emission reduction measures and ELV shot blasting
- Emission reduction measures and ELV melting units
- Emission measurements
- Stacks
- Miscellaneous requirements
- Obligations for building time



III. Collateral clauses (obligations) 2

3. Obligations to noise protection

- Immission limit values
- Measurements to show compliance with application
- Miscellaneous requirements
- Obligations for building time



III. Collateral clauses (obligations) 3

4. Waste management

- Waste prevention
- Waste reuse
- Waste deposition

5. Brownfield / soil protection



III. Collateral clauses (obligations) 4

6. Water protection

Obligations to storage and use of substances hazardous to waters

7. Plant safety

Requirements related to SEVESO II Directive



III. Collateral clauses (obligations) 5

8. Workers safety

9. Building permit

- Building law, especially fire prevention

10. Nature protection

- Design of undeveloped areas
- Requirements to nature protection law



III. Collateral clauses (obligations) 6

11. Dehydration

- Requirements concerning discharge or waste water to sewer system
- Ban of discharge

12. Miscellaneous – individual case



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IV. Expiration of the permit

- **If the building phase or the setting into operation of the installation doesn't start within a fixed time (prolongation is possible)**
- **If the installation was out of operation for more than 3 years**



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V. Costs

➤ Decision on costs

Charges

(in Bavaria: tenth of a percent of investment costs)

Expenses

for private experts, publication of the application ...



VI. Reasons

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VI. Reasons - overview

- a) Circumstance**
- b) Legal appreciation**



VI. Reasons - circumstances 1

1. Scope of the application and description of the plan
2. Procedure
 - Authorities involved and private experts
 - Legal basis of the assessment
 - Public participation
 - Description of complaints



VI. Reasons - circumstances 2

3. Summarizing: Description of environmental impacts

- General data to the location
- Air pollution control
(initial load, additional load, climate)
- Noise protection
- Effects to soil
- Effects to water
(groundwater, surface-water)
- Effects to flora and fauna
- Effects to landscape, cultural assets
- interactions



VI. Reasons – Legal appreciation 1

1. Responsibility
2. Legal basis
 - Duty to obtain a permit
 - Permitting procedure
 - Environmental impact assessment (EIA)
3. Preconditions to issue a permit



VI. Reasons – Legal appreciation 2

4. Summarizing assessment of all impacts to the environment)
5. Reasons of the licensability, especially foundation of the Collateral clauses (obligations)
6. Assessment of the public complaints



VI. Reasons – Legal appreciation 3

7. Effectiveness of the permit

The permit includes all necessary permits under public law related to the plant

Exception: water quality consents and concessions



⇒ coordination of the permitting procedures has to be ensured



Mandatory requirements of water law

Content

1. Scope:

- Remove and retain of groundwater
- discharge, drain away of rain water

2. Application documents

3. Requirements / obligations

4. Costs

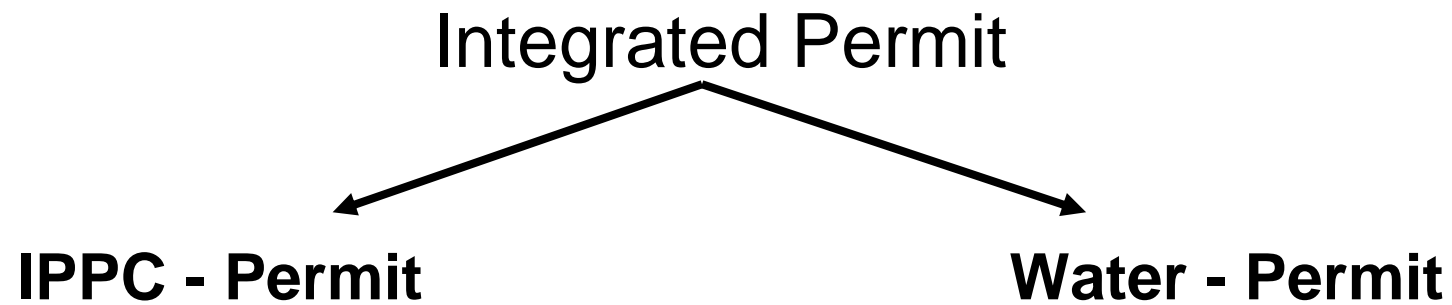
5. Reasons

6. ...



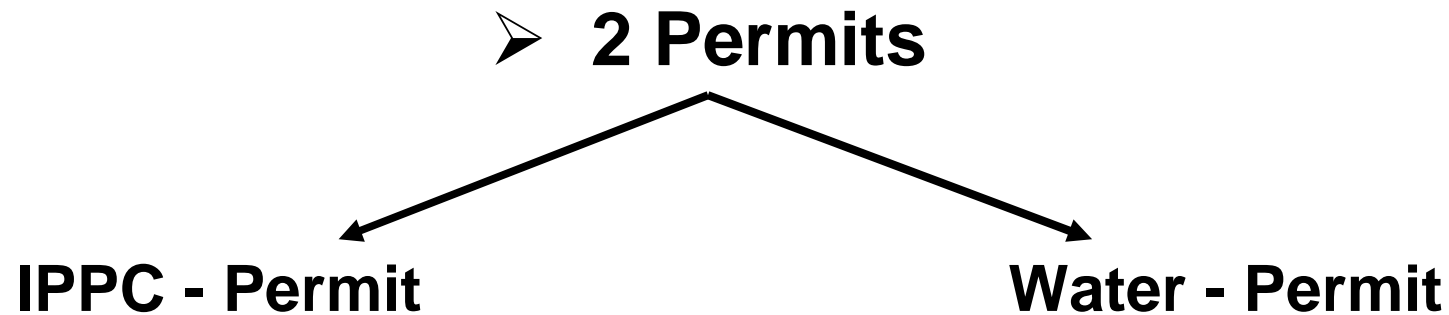
Coordination of permitting procedures

1





Coordination of permitting procedures ²



Coordination by:

- Information exchange (before application **and** during permitting procedure)
- As regards content adjustment (EIA ...)

➔ Both permits are precondition to realize the project



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VII. Instruction on right to appeal

- Appeal to the court within one month after reception of the permit



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Delivery of the permit



VII. Delivery of the permit

- Delivery to the applicant
- **Public information**
Public announcement of the permit



***Thank you very much for
your attention!***