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International training workshops on the prevention  
of incidents with transboundary consequences  
(in collaboration with Germany and UNECE)  
with exercises in the mitigation of the consequences of major accidents.  
15th anniversary of Polish-German collaboration in the prevention of incidents with transboundary consequences.

8-10 September 2009, Słubice, Poland

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## **Programme of preventive actions against emergency pollution in the Oder (Odra) River basin**

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developed by  
the Provincial Inspectorate for Environmental Protection  
in Zielona Góra

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According to Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000, establishing a framework for Community action in the field of water policy (the so-called Water Framework Directive, WFD), each Member State is committed to establish a programme of actions to prevent accidental pollution in river basins (programme of measures).

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### **Possible sources of accidental pollution in river basins:**

- upper-tier establishments,
- lower-tier establishments,
- other establishments, that may cause the consequences specified in Annex VI to Directive 98/82/EC, concerning major accidents (SEVESO II),
- transport (road transport, rail transport, inland shipping, pipelines conveying oil derivative and gaseous substances).

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According to the Seveso Directive, the programmes of measures for the purpose of analyzing potential sources of accidental water pollution should be developed with an assessment whether or not the hazardous substances found at the establishment or released in handling may cause the consequences specified in Annex VI to the above-mentioned directive, such as the following:

- significant or long-term pollution of fresh water or marine environment, covering:
  - 10 km or more of a river or canal,
  - 1 ha or more of a lake or pond,
  - 2 ha or more of a delta, coast or open sea,
- significant pollution of an aquifer or underground water, covering:
  - 1 ha or more.

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### **In the territory of Poland there are basins and catchments of the following rivers and bays:**

- the Oder (Odra),
- the Vistula (Wisła),
- the Neman (Niemen),
- the Dniester (Dniestr),
- the Dunabe (Dunaj),
- the Elbe (Łaba),
- other seaside rivers,
- the Szczecin Bay,
- the Vistula Bay,

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### **Basin/catchment area reference numbers:**

1. the Oder River basin
2. the Vistula River basin
3. the Szczecin Bay catchment

4. the basins of other seaside rivers
5. the Vistula Bay catchment
6. the Neman River basin
7. the Dniester River basin
8. the Danube River basin
9. the Elbe River basin

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**The Oder River basin**

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**The Oder River basin**

The second biggest hydrographic area in Poland.

Total area - 118 861 km<sup>2</sup> (89.2 % in Poland).

Main tributaries: the Nysa Kłodzka, the Barycz, the Bóbr, the Nysa Łużycka and the Warta with the Odra and the Noteć.

Total length of the Oder – 854.3 km.

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Requirements for the achievement of the environmental objectives, set in programmes of measures, should be coordinated for the whole of the river basin district [Item (35) and Art. 3, paragraphs 3-5] of the WFD

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In the case of basins that extend across Community borders, the Member States should make efforts to ensure adequate coordination of the programmes of measures with relevant third-party states.

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**Art. 4 Environmental objectives**

Programmes of measures are specified in river basin water management plans for:

- a) surface waters,
- b) groundwater,
- c) protected areas.

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**Art. 5 Characteristics of the river basin district, review of the environmental impact of human activity and economic analysis of water use**

1. Each Member State shall ensure that the following actions are undertaken for each river basin district or for the portion of an international river basin district falling within its territory, according to the technical specifications set out in Annexes II and III:

- an analysis of its characteristics,
- a review of the impact of human activity on the status of surface waters and on groundwater,
- an economic analysis of water use.

The actions shall be completed 4 years after the effective date of the Water Framework Directive, at the latest (i.e. by 23 December 2004).

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2. The analyses and reviews mentioned in paragraph 1 shall be reviewed and – if necessary – updated within 13 years after the effective date of the Water Framework Directive, at the latest (i.e. by 23 December 2013), and every six years thereafter.

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**Art. 11 Programme of measures**

1. Each Member State shall ensure the establishment of a programme of measures for each river basin district or parts of the international river basin districts situated within its territory.

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When establishing the programme of measures, due consideration shall be given to the results of the analyses required under Art. 5 of the WFD, in order to achieve the environmental objectives resulting from Art. 4 of the Directive.

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2. Each programme of measures shall include “basic” measures and, where necessary, “supplementary” (auxiliary) measures.

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3. „Basic measures” refer to the minimum requirements to comply with and include such measures as:
  - required to implement Community legislation concerning the protection of water, including measures under Art. 10 and Part A of Annex VI, including Council Directive 96/82/EC regarding major accidents (the Seveso Directive),
  - deemed appropriate for the purposes mentioned in Article 9,
  - promoting efficient and sustainable water use, without compromising the achievement of objectives specified in Art. 4.

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- other measures, preventing significant losses caused by pollution from technical installations and applied to prevent and/or reduce the impact of accidental pollution incidents (e.g. as a result of floods, accidents etc.), including through systems of direct detection and early warning of such incidents, including all appropriate measures to reduce the risk to aquatic ecosystems in the case of unforeseeable accidents.

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4. „Supplementary measures” (auxiliary), that Member States may adopt in each basin district as part of the programme of measures, are designed to achieve the objectives set under Art. 4 of the WFD.
  - The measures include, but are not limited to:
  - legislative instruments,
  - administrative, economic and fiscal instruments,
  - negotiated environmental agreements,
  - controls of emission and water intake,
  - codes of good practice,
  - research, development, demonstration and other projects.

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**The programmes of measures shall be arranged with relevant authorities of the Republic of Poland:**

- Provincial governors’ offices (including Emergency Management Teams),
- Regional Water Management Boards,
- Regional Directorates for Environmental Protection,
- State Fire Service,

as well as with their counterparts in the Federal Republic of Germany and the Czech Republic.

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The programmes of measures shall be established 9 years after the effective date of the Water Framework Directive (i.e. by 23 December 2009), at the latest.

All measures shall be made operational 12 years after the effective date of the WFD (i.e. by 23 December 2012), at the latest.

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The programmes of measures shall be reviewed and, if necessary, updated within 15 years after the effective date of the Water Framework Directive, at the latest (i.e. by 23 December 2013), and every six years thereafter.

Any new or revised measures, established under an updated programme, shall be made operational within three years of their establishment.

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**Thank you for your attention!**