



FuE Project 206-22-300
Strategies for implementation of the requirements of the Water
Framework Directive under Article 11 (3) (L) for prevention
and reduction of the effects of unforeseeable
water pollution of industrial plants

Environmental Research Project

commissioned by the

**German Federal
Environmental Agency**



undertaken by the

**Institute for Sanitation
and Environment Hamburg**



Institut für Hygiene und Umwelt

Hamburger Landesinstitut für Lebensmittelsicherheit,
Gesundheitsschutz und Umweltuntersuchungen

and the

**University of Leipzig
Institute for Infrastructure
und Resources Management**

UNIVERSITÄT LEIPZIG



Task of the Project

- evaluate whether present regulations and the recommendations of transnational conventions of site-oriented water pollution control are sufficient to meet the requirements of the Water Framework Directive (WFD)
- develop exemplary models for action schemes with respect to Art. 11 (3) (L) WFD to be incorporated into river basin management plans which have to be drawn up until 2009





The investigations will be based on:

- analyses of EU Directives as well as recommendations of the UNECE and International River Basin Commissions already contribute to the implementation of Art 11 (3) (I)
- cost efficient measures for prevention of, preparedness for and response to accidental pollution incidents





Project-Homepage

www.alert-wfd.net

- download all presentations and conclusions of the Schkopau-workshop
- current versions of “Guidance for the implementation of WFD Article 11, 3 (I)”
- News etc.





Main- Contents of the Guidance

- **Hazard Management**
- **Crises Management**
- **After Care Management**

differ between

authority responsibilities and **plant operator responsibilities**



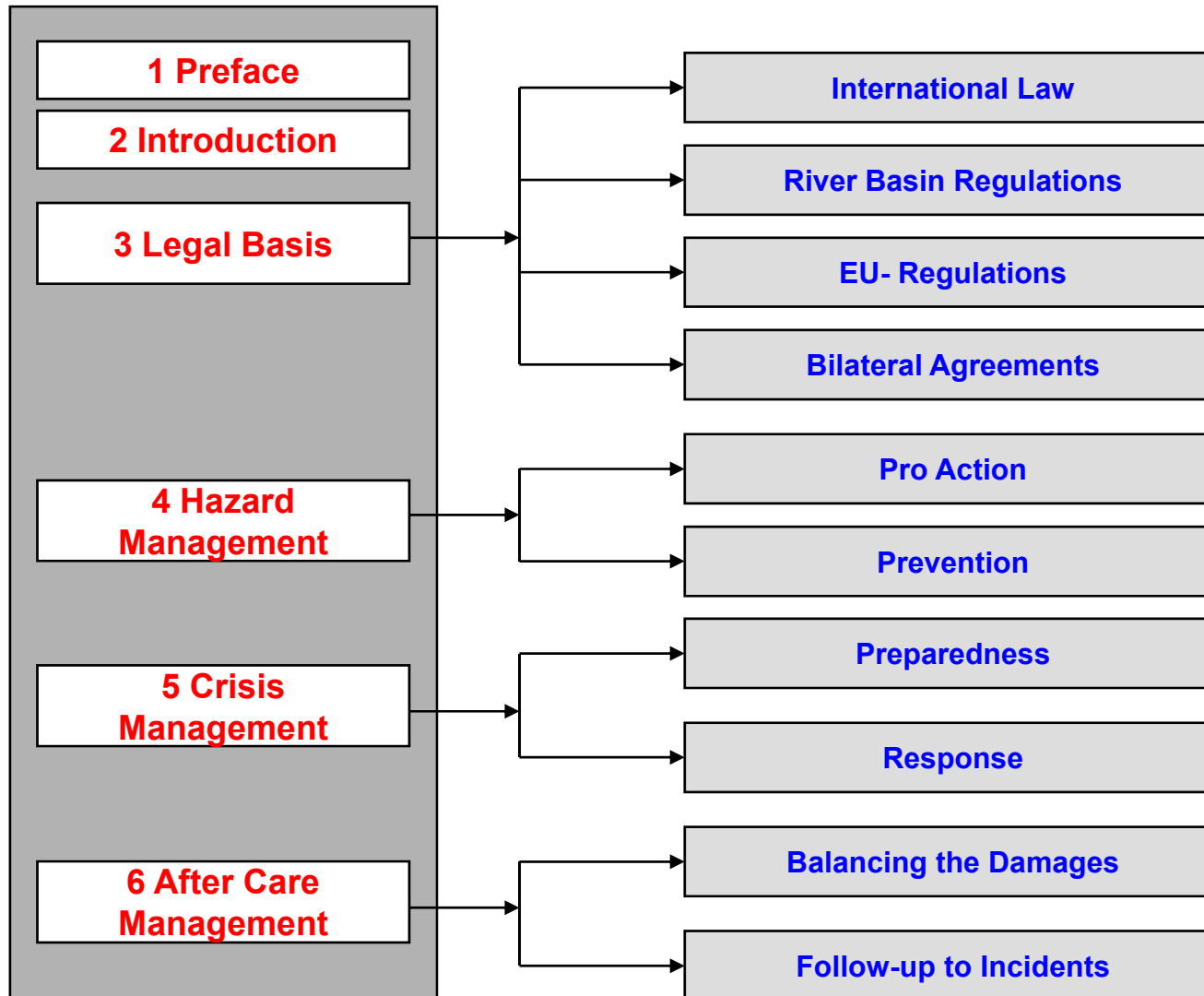
yellow markings



red markings

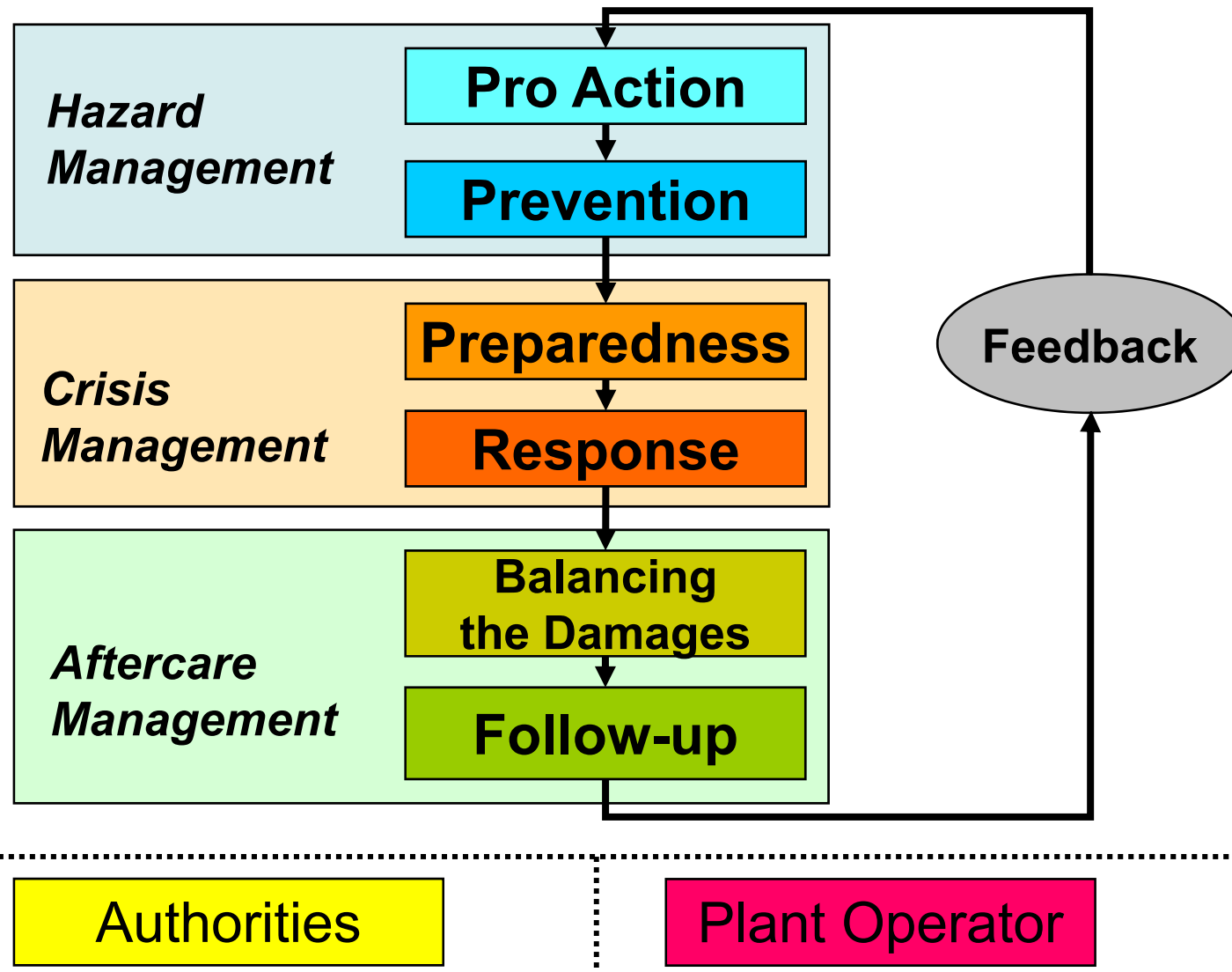


Conceptual Structure



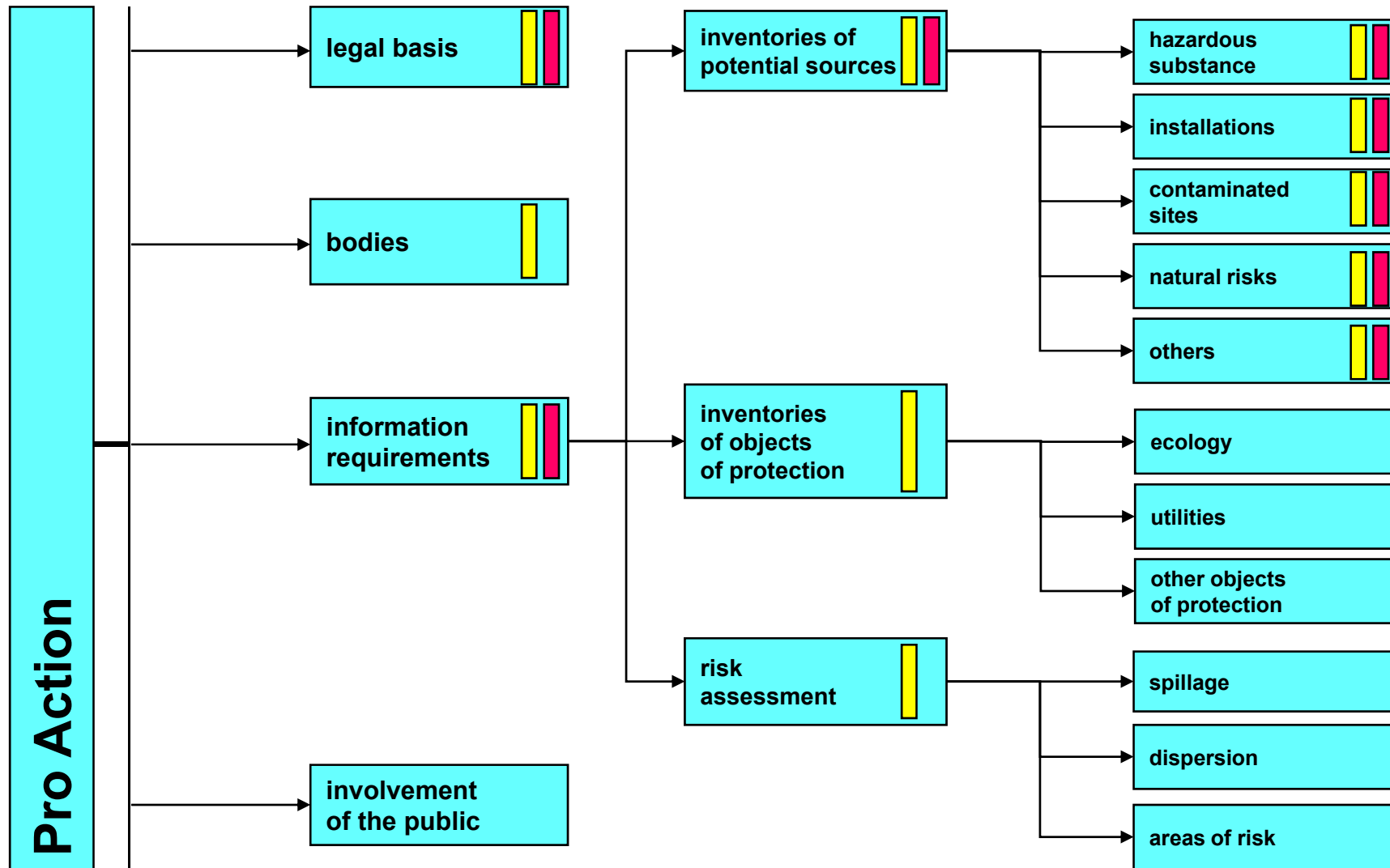


Safety chain - Risk Management Water Path



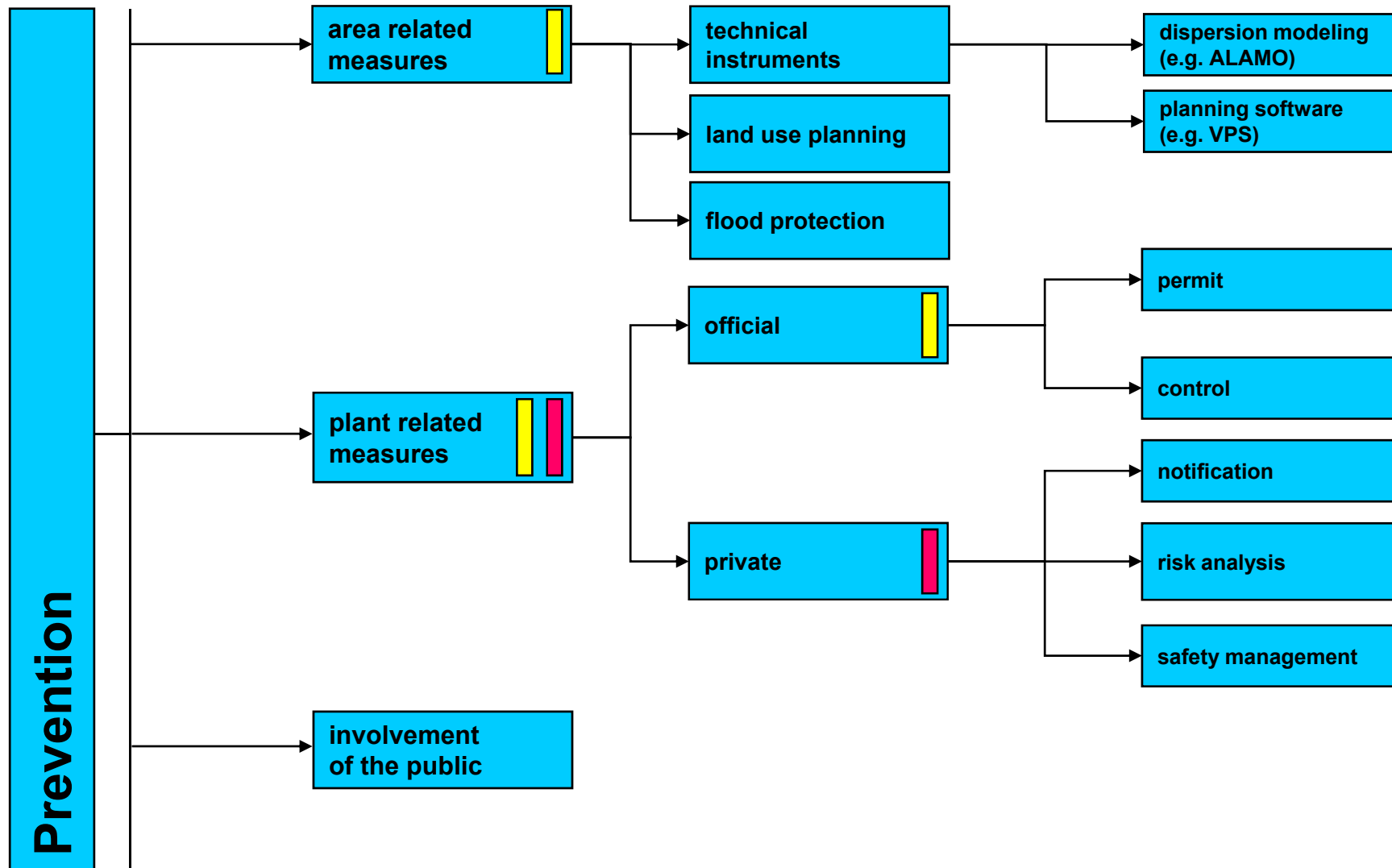


Hazard Management



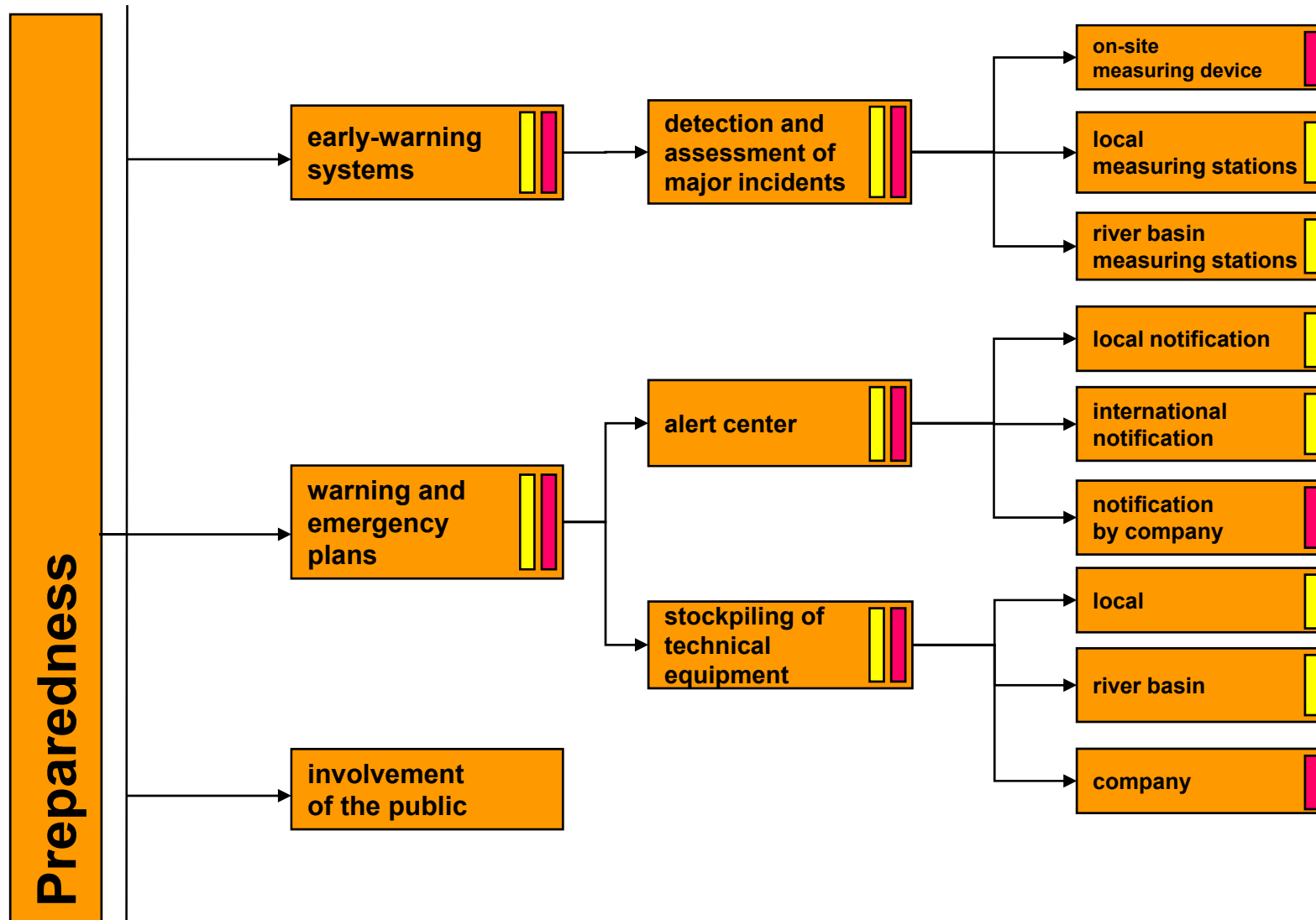


Hazard Management



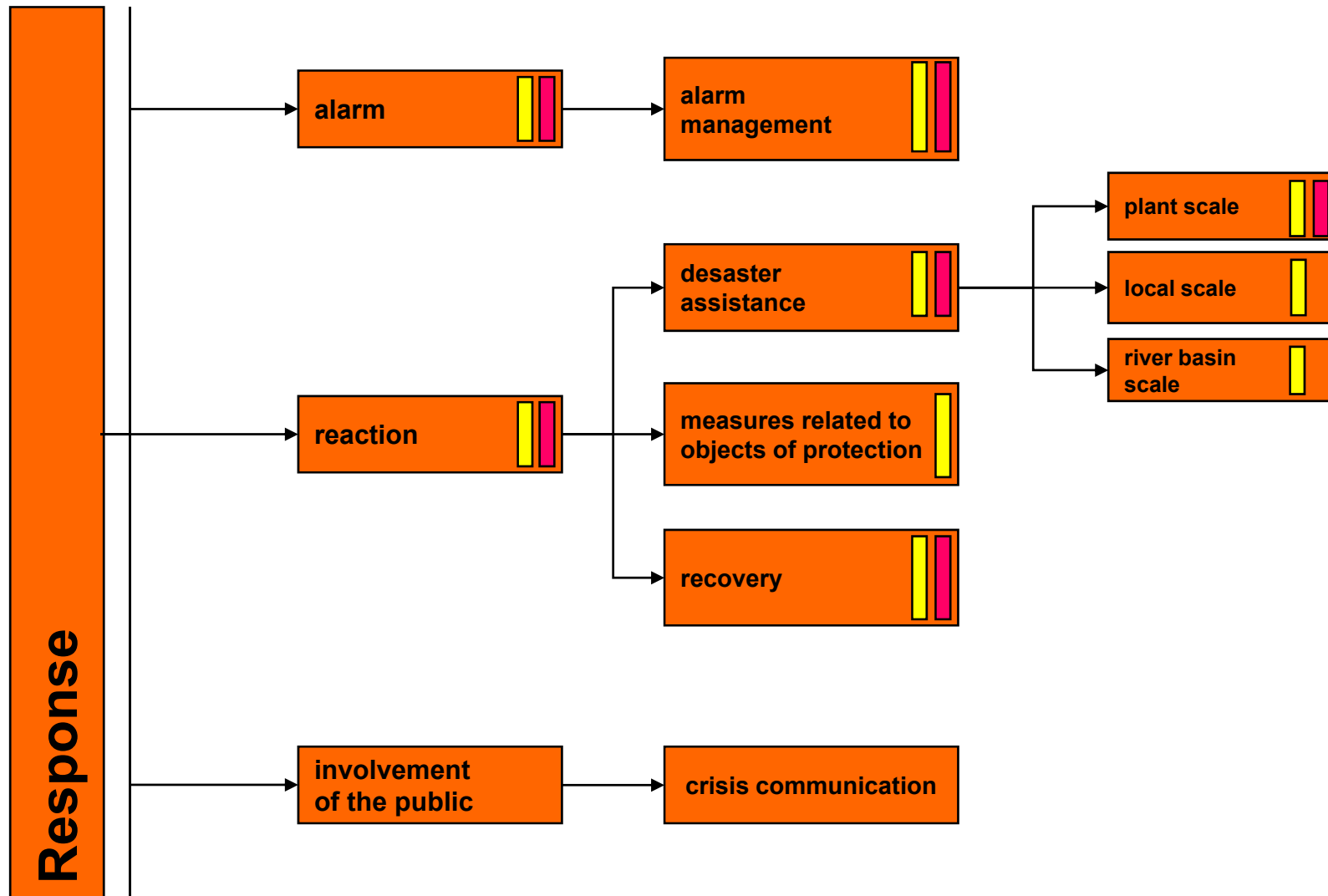


Crisis Management



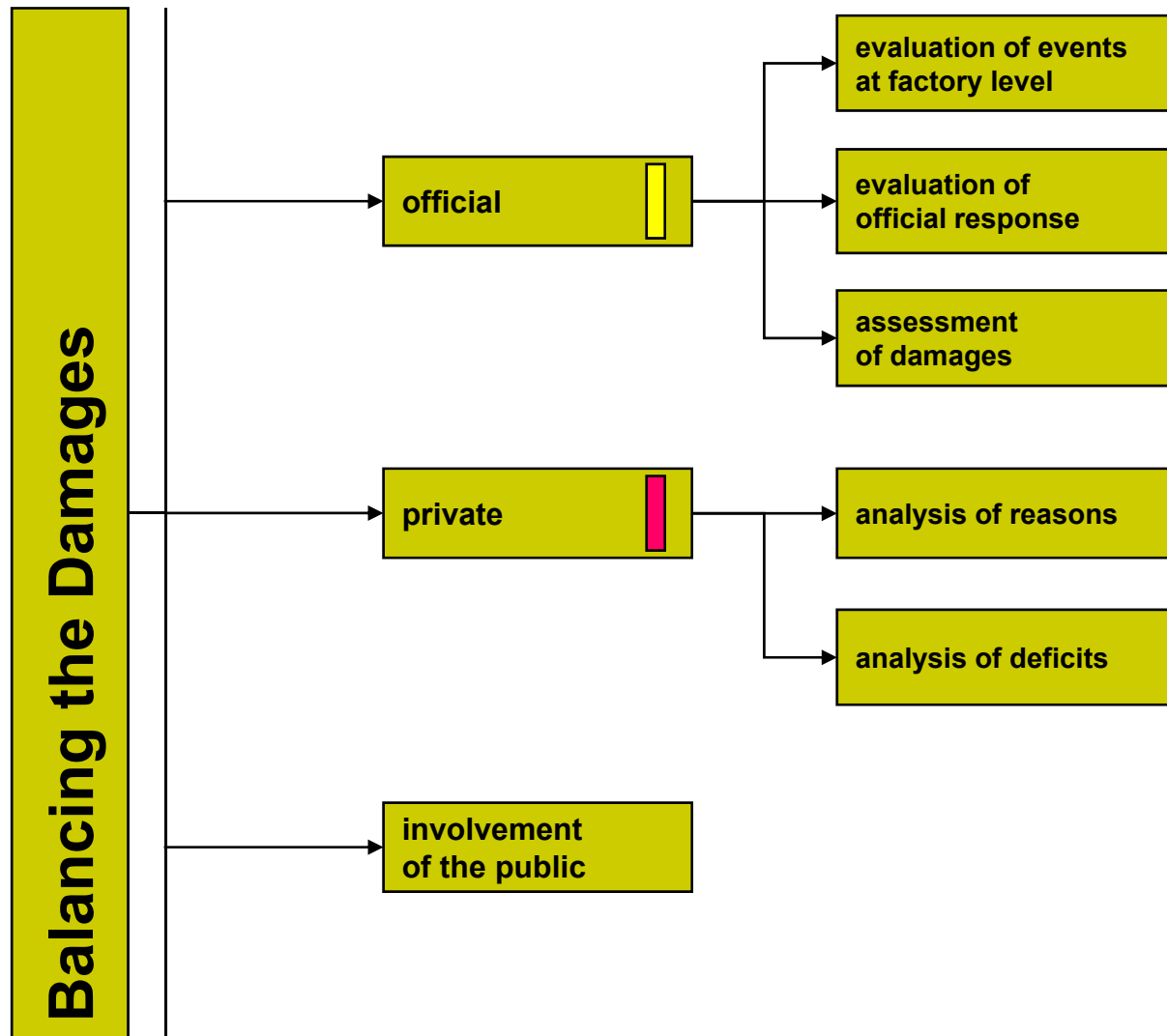


Crisis Management



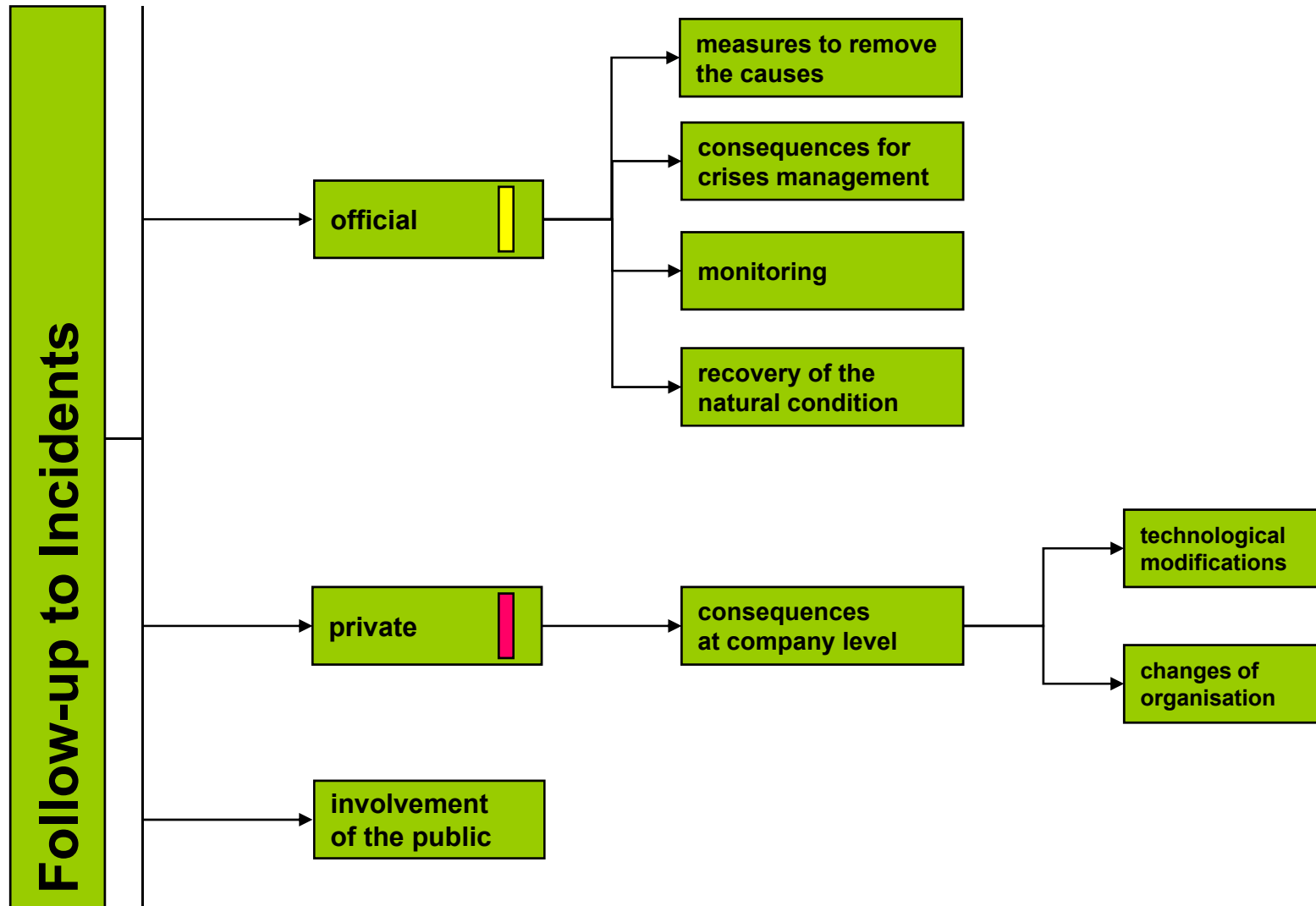


Aftercare Management





Aftercare Management





Next Steps

•project-presentation at:

- ICPDR (Feb. 2008 Chisinau- Moldova)
- ICPER (March 2008 Magdeburg- Germany)
- ICPOR (Apr. 2008 Belzig- Germany)
- UNECE, JEG (June 2008)

•Guidance for the implementation of WFD Art. 11, 3 (I):

- finishing till end of 2008





Project -Support

- **two workshops with experts from the EU**
 - first workshop was located in Schkopau- Germany in Nov. 2007
 - second workshop in autumn 2008
- ^
- **international steering group**
 - Members from the International River Basin Commissions and other EU-expert





**Thanks
for Your
attention!**