



## EWG - Management of Dam Incidents



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## EWG - Management of Dam Incidents

### 1. Introduction



- The report is work of several persons from different European countries. I would like thank their valuable input and their contribution.
- European ICOLD Working Group "Management of Dam Incidents" was established in Venice, Italy in April 2013.
  - The objectives of the Working Group were to collect experiences and the best practices and improve the practices handling dam incidents.
- The practices and legislation features were collected by sending questionnaire to European Club members on 15<sup>th</sup> of January 2015.
  - Twelve (12) answers were received : Czech Republic, Finland, France, Great Britain (Wales), United Kingdom, Ireland, Italy, The Netherlands, Poland, Slovenia, Norway and Brazil.
- The understanding of the subject was further discussed in the working group meeting in Helsinki, Finland on 25<sup>th</sup> and 26<sup>th</sup> of November 2015.
  - The participants from Czech Republic, France, Sweden and Finland were attending the meeting.
- Final reports has been submitted to European Club.

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### 2. Some findings of the study



- The practices to handle dam incidents are similar in European Club countries. However the terminology, the requirements and the responsibilities of the authorities seems to be variable.
- The good practices are collected in the report for instance:
  - Availability of dam documentation,
  - Requirement for monitoring program,
  - Dam safety inspections,
  - Availability of maintenance and operation personnel,
  - Practices of dam incidents
  - Database on dam incidents.
- Approach on "Management of dam incidents" is proposed:
  - Preparation to "handle" dam incidents is set by legislation and good practices
  - Collecting the experiences of handling dam incidents (procedures for detection, confirmation, alarming, flow control, construction measures)

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### 3. Further development

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- The report is considered preliminary.
- Possible ways of further developed:
  - Focus on the actions during the dam incident (actions, decision making in short time, etc.)
  - Case histories and their analysis,
  - National incident data,
  - Developed national “Management of dam incident” handbook.