

Institutional cooperation agreement under the Art. 15 of L. 241/1990

Agreement to study the revaluation of the hydrological and hydraulic safety of the great dams at the level of the hydrographic basins of the Western and Central Alps

AGREEMENT DURATION

From 2014 to 2017

STAKEHOLDERS

- Ministero delle Infrastrutture e dei Trasporti DIREZIONE GENERALE PER LE DIGHE E LE INFRASTRUTTURE IDRICHE ED ELETTRICHE (DGDighe)
- Politecnico di Torino - DIATI

BUDGET

Fundings from Ministero delle Infrastrutture e dei Trasporti: **140.000 €**

DETAILS OF THE COLLABORATION

The Parties undertake to cooperate in establishment of up-to-date codified and uniform procedures of the hydrological-hydraulic re-evaluation of large dams, based on innovative methods of analysis, also in order to validate the results of revaluation submitted by the Dam Managers.

Scientific Manager for DIATI:
Prof. Pierluigi Claps

DIATI's activities have been:

- The probabilistic assessment of flood flows in high-altitude basins, with particular reference to environments influenced by the dynamics of snow accumulation and melting.
- Joint identification of one or more reference river basins (Western and Central Alpine Arc) and joint recognition of the status of hydrological and hydraulic revaluations of large dams at river basin level with implementation of the relevant elements in the DG Dams database.
- A critical examination of the methodologies used in the hydrological-hydraulic verifications acquired.
- The definition of guidelines for the drafting and appraisals of hydrological and hydraulic revaluations.



Ministero delle Infrastrutture e dei Trasporti
Dipartimento per le infrastrutture, i sistemi informativi e statistici
Direzione generale per le dighe e le infrastrutture idriche ed elettriche

Collaboration Agreement
between Public
Administrations
ex Art. 15, L. 241/1990

