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FLOOD PROTECTION IN THE CZECH REPUBLIC AND INTERNATIONAL CONTEXTS

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Hydrological extremes occurred in the Czech Republic

**Floods:** 9x from 1997

Red figures – CATASTROFIC

Total damages – 7.6 bil. EURO

**Droughts:** 2,5x from 1997
● legislation for crisis and integrated actions
● information dissemination (internet, mobiles)
● establishment of „flood commissions“
● duty of „flood planes“ in municipalities
● identification of flood areas
● enlargement of forecast
● preparation of rescue teams
● improvement of flood defence measures - subsidised investments for technical measures
Three international river basin

Commisions for border waters
Working groups for hydrology and flood protection

Flood action strategies and programmes

Plans for flood risk protection (2007/60/EC) – prepared for 2016 - 2021
establishment of common bodies for flood protection strategy in transboundary watersheds (e.g. „transboundary commissions“ or in the framework of existing „international commissions for the river protection“)

use of unified „information systems“ available to public and sharing of data on current situation for improvement of flood management (internet, mobiles)

continuous upgrade of communication links between responsible authorities and improvement of the early forecast in meteorology and for flow rates development

implement mathematical models for the proposal of effective technical flood protection measures in preparation of plans for decrease of flood risk areas in watersheds, involvement public

application of combined measures for the retardation of water outflow from watershed – retention in the area and retention in the technical measures (polders, reservoirs)
Thank you for your attention – and disseminate, please:

„Period after the flood is a period before the next flood“

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