

**Project Management
Flood Prevention Concept for right
hand side contributory streams of
river Elbe/Germany**
Preventive flood protection



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Objective: Project Management for de-
velopment of flood prevention
concept

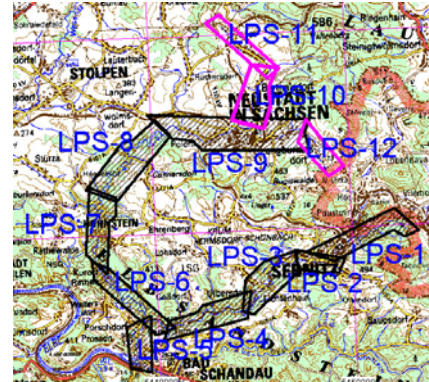
Location: Districts Saxon Switzerland,
Kamenz, Riesa- Großenhain,
Dresden City

Client: LTV Saxony

Beneficiary: LTV Saxony

Duration: 2003 – 2005

Budget: 200.000 €



Scope of Services:

Project management services of ca 260 river kilometres for right hand side contributory streams of river Elbe I. and II. order (Sebnitz, Polenz, Lachsbach, Wesenitz, Rödergebiet incl. tributary river) with following points:

- Supplementary terrestrial measurement in 5 partial orders (lateral profile measurement)
- Laser scan- aerial survey in 2 partial orders incl. establishment of DGM/DTM
- N-A-modelling in 3 orders incl. evaluation of discharge and peak values for HQ (T) – results
- Flood prevention concept in 4 partial orders incl. development of flood area in actual and plan conditions, countermeasure plan with cost benefit analysis and risk maps for HQ (T)

Investment volume: ca 1.500.000 €

