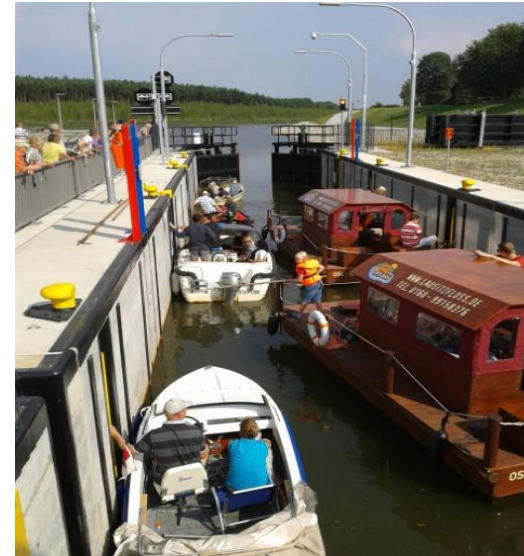


Experience in Germany with large scale lignite mine rehabilitation



Dr. Friedrich von Bismarck



**JOINT-GOVERNMENTAL-AGENCY
FOR COAL MINE REHABILITATION**



Lignite mining areas in East-Germany



© RBB Brandenburg 2008

privatized Welzow - Mine 2008



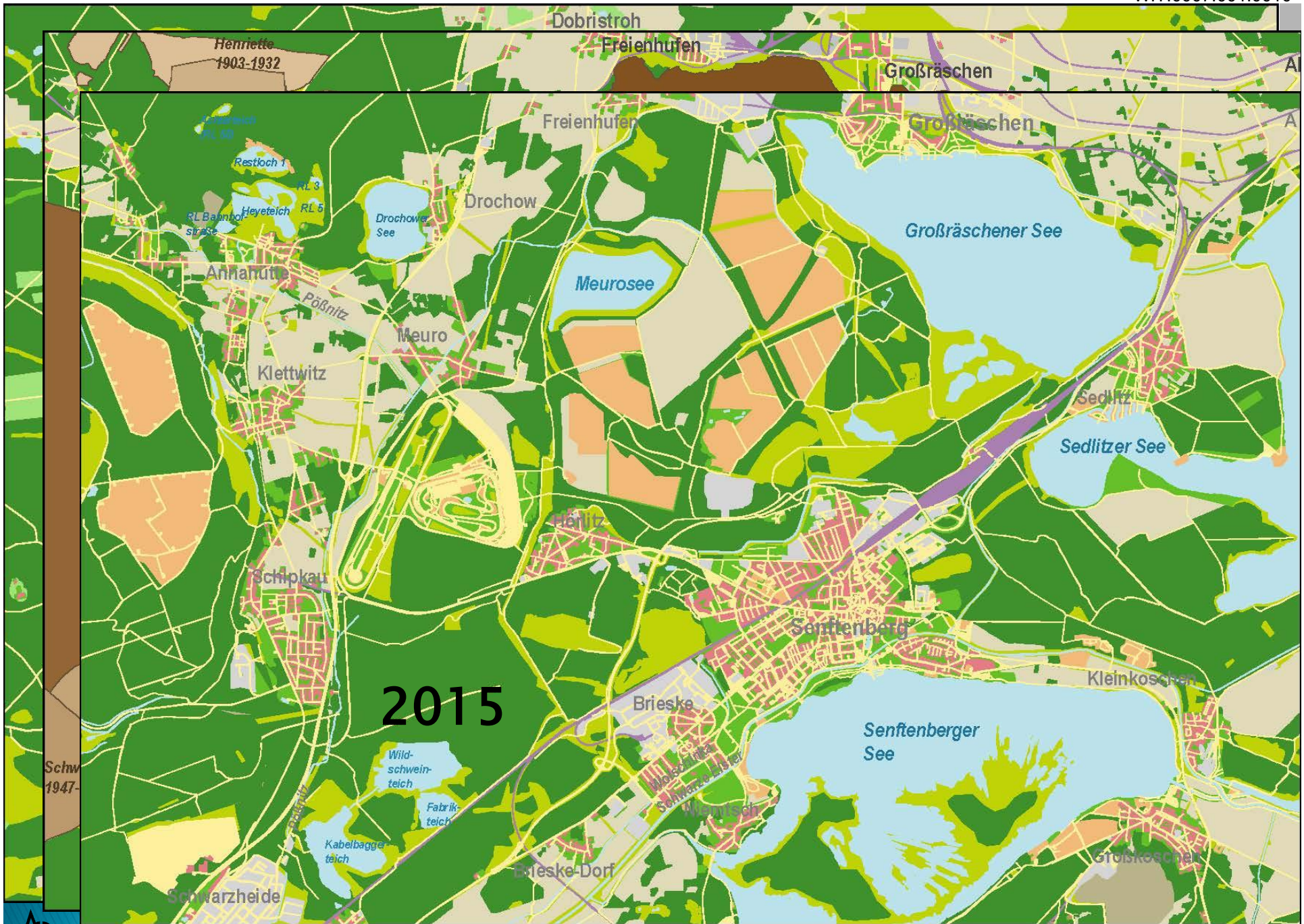
**JOINT-GOVERNMENTAL-AGENCY
FOR COAL MINE REHABILITATION**





void No.12 in 1992





2015



1991



before and after rehabilitation



JOINT-GOVERNMENTAL-AGENCY
FOR COAL MINE REHABILITATION

2012



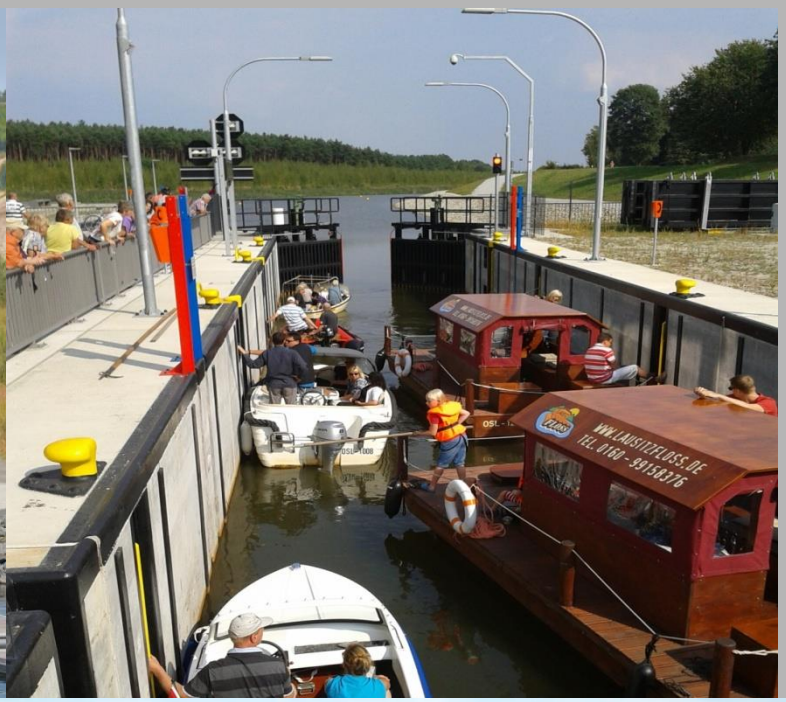


E





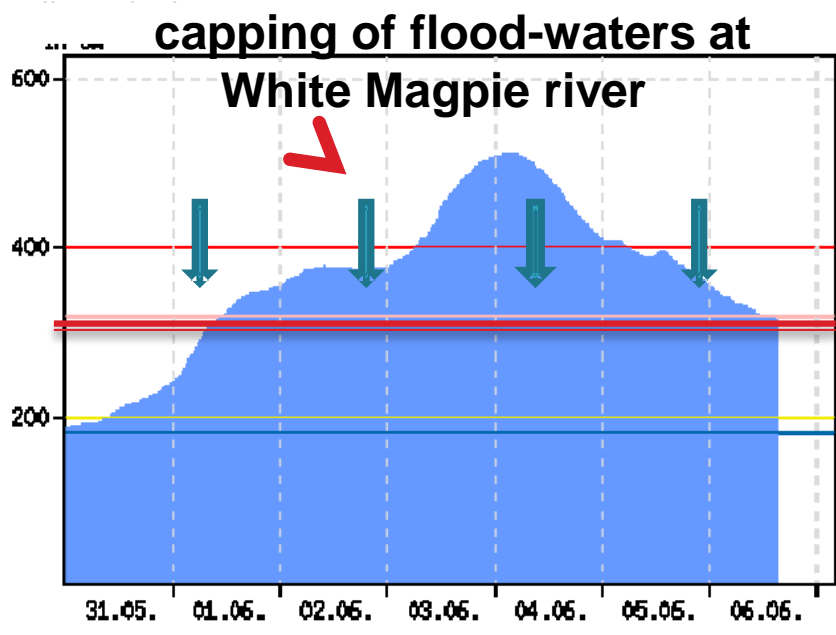
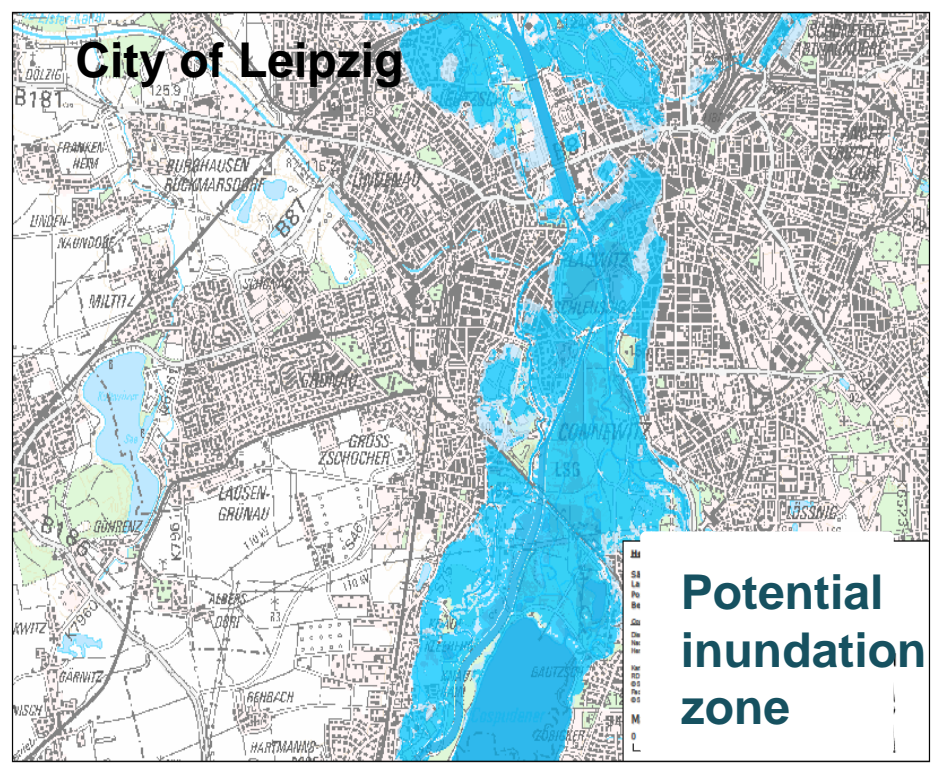








Hydrological Situation June 2013







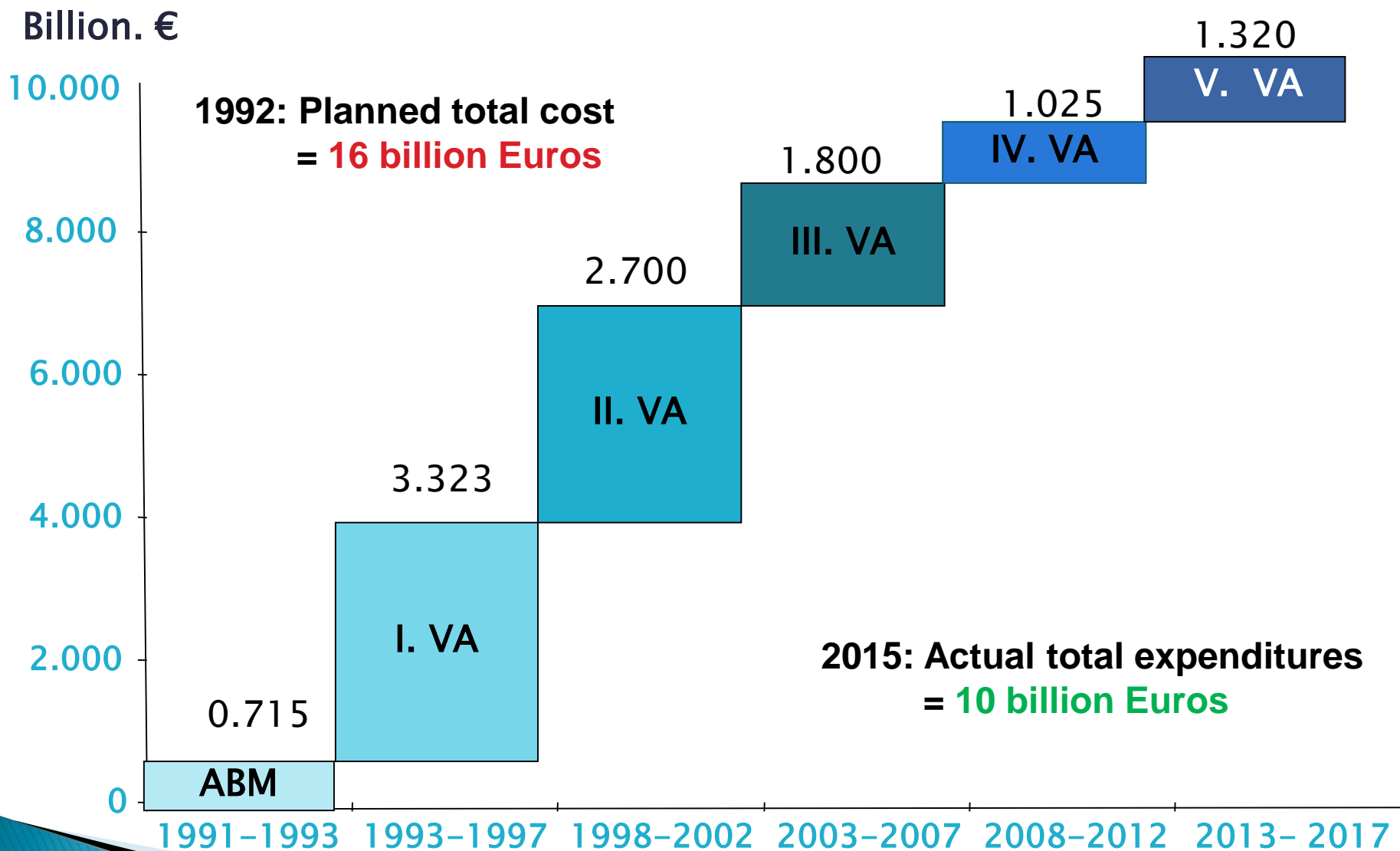




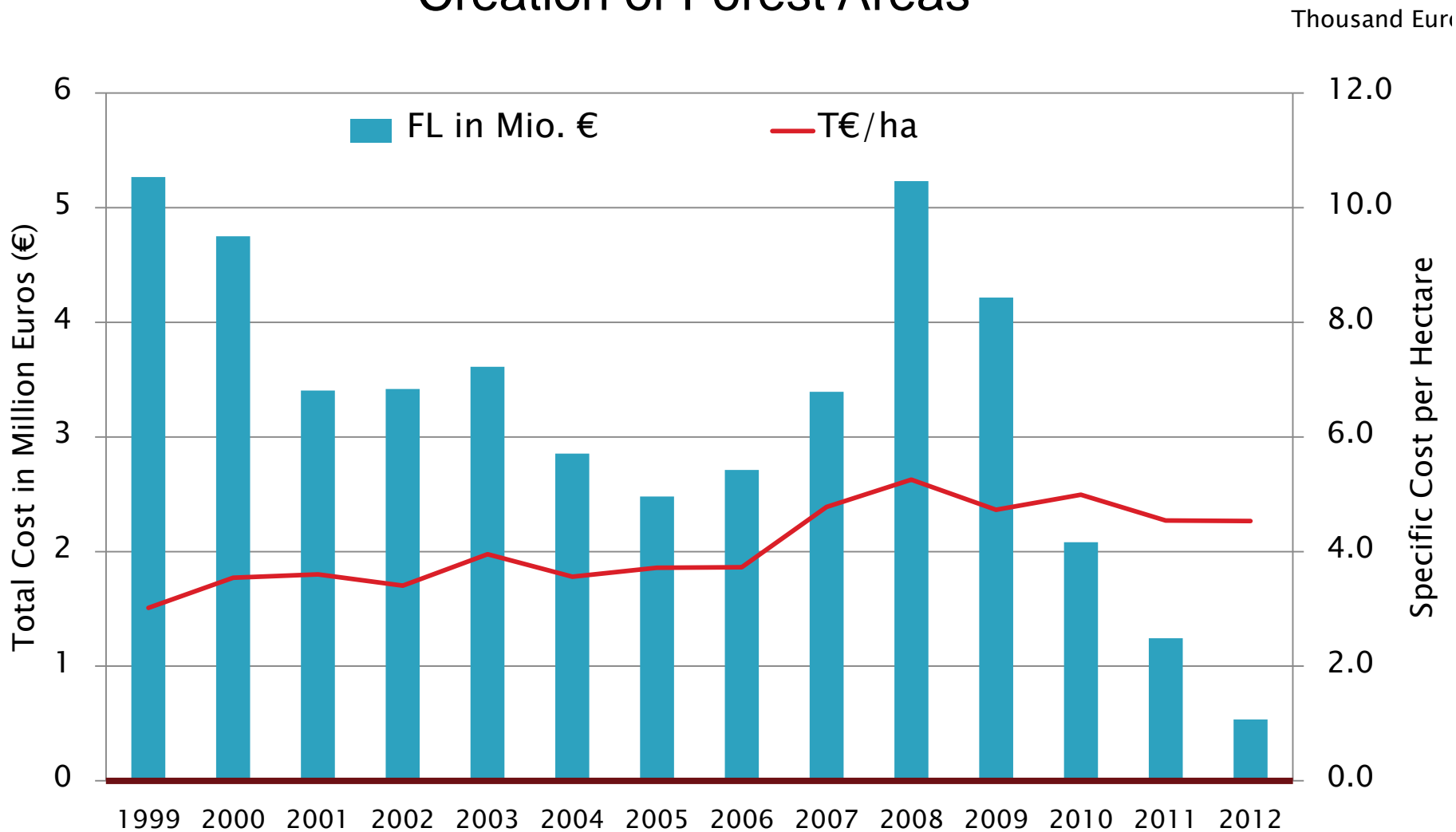
iron-oxide in the Lusatia river system 2013



Total allocated Money for the Mine Rehabilitation Program



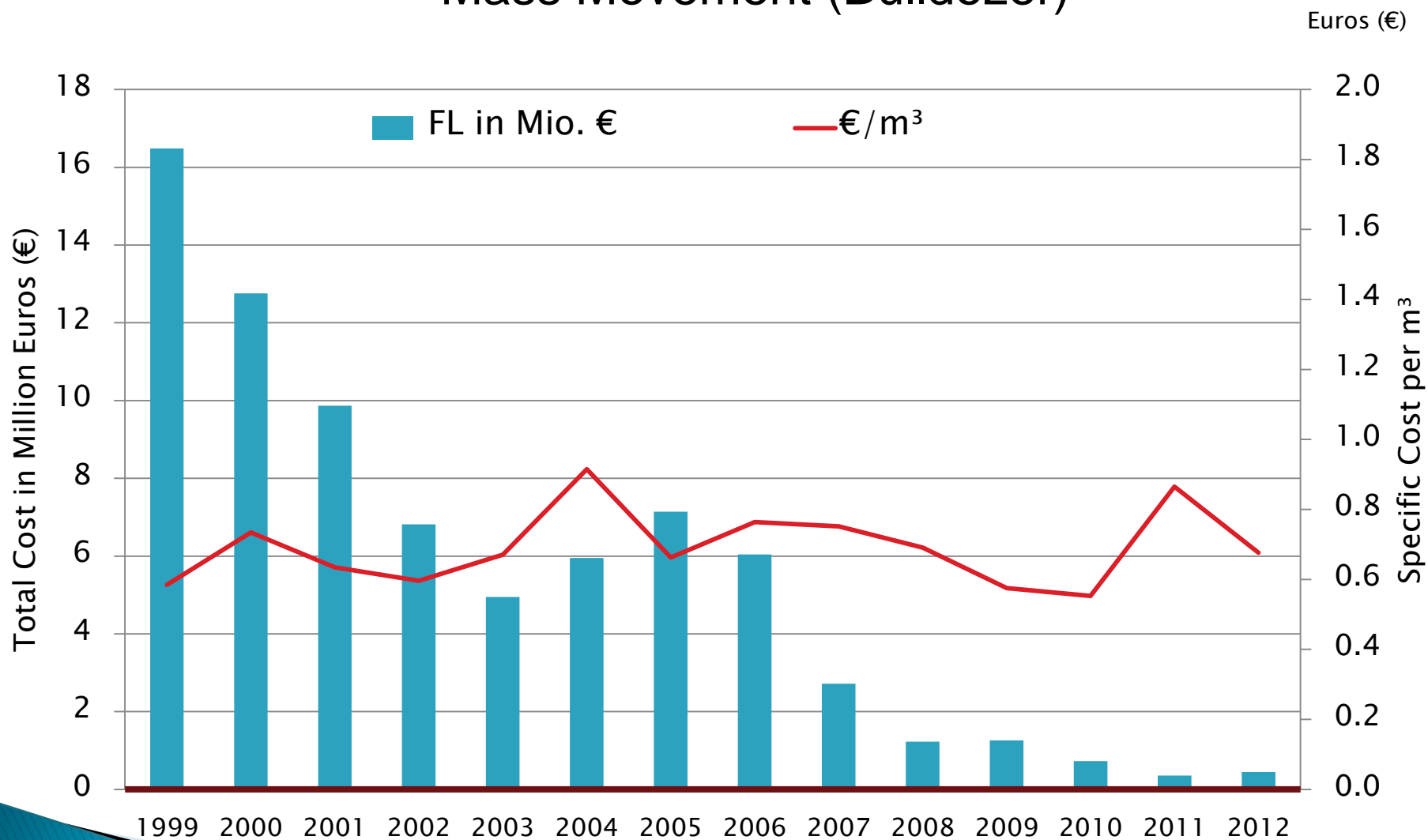
Creation of Forest Areas



Cost Development



Mass Movement (Bulldozer)



Cost Development









Key Statements (I):

1. The situation of the open pit lignite mining in Germany is in many ways comparable to the situation in the Latrobe Valley.
2. It was possible to create with the mine rehabilitation work a major change in the landscape and the regional development.
3. The rehabilitations works create chances like the former mining areas provide opportunities for new value-added chains e.g. in agriculture, industry, renewable energies, tourism and real-estate.
4. The new post mining landscape with the flooded voids can play an important role in the regional flood prevention.



Key Statements (II):

5. In Germany we have experienced some remaining risks with the rehabilitation works in the field of geo-technical stability and water quality
6. The mine rehabilitation cost stayed within the planned framework and showed over the last 20 years a development comparable to the cost development in the other industries.
7. The future prospects of the active coal mining industry have changed over the last 25 years and were in Germany largely affected by governmental decisions.
8. Regional population is building up an identification with the new post mining landscape and seeing in it a very positive development.