

## Day Trip F:

### New Status – Freital-Gittersee following successful Reclamation

The Freital-Gittersee site of Wismut GmbH is located within a historic mining district on the outskirts of Dresden. As the hard coal was uraniferous, in 1968 former coal mines had been gradually absorbed by Wismut – ushering in a unique link between historic hard coal and uranium mining. The operation was abandoned in 1989, and stabilisation and reclamation work started as early as 1990. Flooding of the 2.3bn m<sup>3</sup> mine workings began in 1995. The flooding was intended to allow a natural groundwater level to establish throughout the Freital mining district. As the free discharge of mine water via the historic coal mines into the Tiefer Elbstolln and into the Elbe River was less than the required flow rate predicted by the flooding concept, this led to a number of uncontrolled surface emergence of mine water.

Because of that the decision was taken in 2005 to drive a drainage adit, aka Wismut-Stolln, between the Tiefer Elbstolln adit and the Freital-Gittersee mine. Since October 7th, 2014 flood water from the workings of the former uranium mining operation discharge in a controlled manner via the Tiefer Elbstolln into the Elbe River.

<b>9 hours</b>	<b>Departure Bad Schlema</b> from Hotel am Kurhaus or Kurhotel, respectively
<b>10 – 16 hrs</b>	<b>Field trip to Freital-Gittersee</b> <ul style="list-style-type: none"> <li>- Bus trip to Freital-Gittersee</li> <li>- Reclamation of mine dumps and plant areas around former mine shafts #1 and #2</li> <li>- Tour of the Wismut-Stolln adit</li> <li>- Visit to the Segen-Gottes Miners Memorial</li> <li>- Marienschacht Mine Dump overlooking Dresden</li> </ul>
<b>17 hrs</b>	<b>Arrival back in Bad Schlema</b> at Hotel am Kurhaus or Kurhotel, respectively

