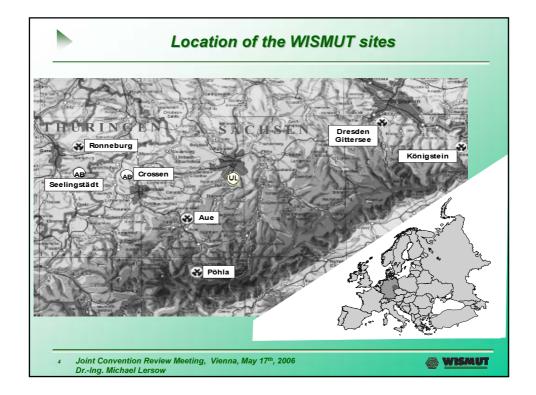
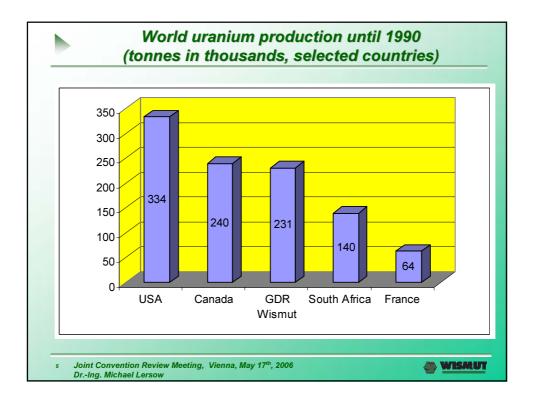
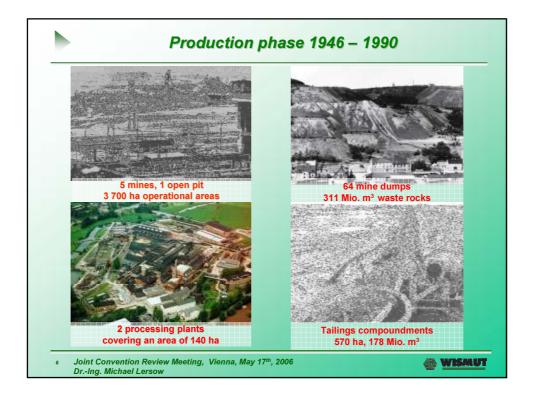


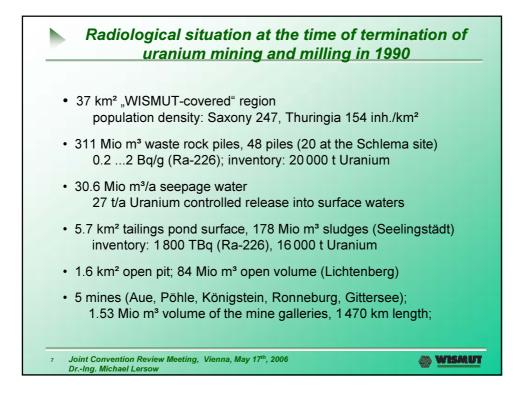
	Historical background (1)
1946	The Soviet occupation forces in Germany established the state- run company SAG WISMUT with the soil aim to exploit the East German uranium deposits for the Soviet nuclear programme.
1954	Foundation of the bi-national Soviet-German company SDAG WISMUT, continuation of the uranium production with a work-force of up to 120000 employees.
1990	Following reunification of Germany, the uranium production was suspended due to particularly economic reasons.
1991	The Soviet Union disclaimed its shares under the terms of the WISMUT Treaty Act. The Federal Republic of Germany took over the stock shares to 100 %.
	Convention Review Meeting, Vienna, May 17th, 2006

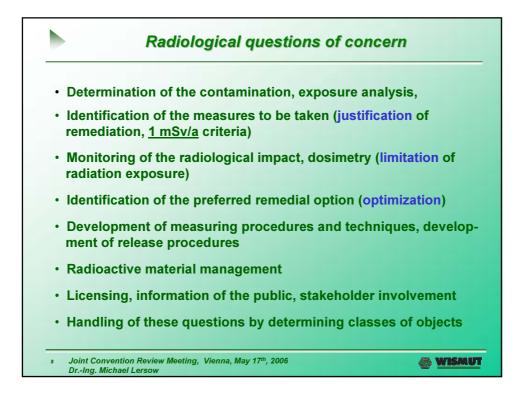
	Historical background (2)
1991	The reunified Germany was faced with one of its largest ecological and economic challenges because WISMUT turned at once from the production to the decommissioning phase without any preparation or preplanning.
1991	The SDAG WISMUT was legally transferred into a company under German corporate law: WISMUT GmbH, with the Federal Republic of Germany as sole shareholder. The corporate purpose is to decommission the former uranium mining and milling facilities and to rehabilitate the land for reuse.
1991	The WISMUT Environmental Remediation Project was initiated and the German Federal Government earmarked a total of € 6.2 billion to conduct the Project.
since 1991	Implementation of the Project on the base of the WISMUT Act, and the radiation protection regulations of the former GDR (VOAS, HaldenAO)
	nt Convention Review Meeting, Vienna, May 17 <sup>th</sup> , 2006





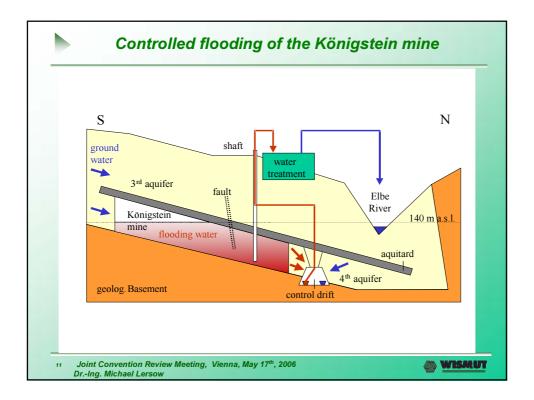




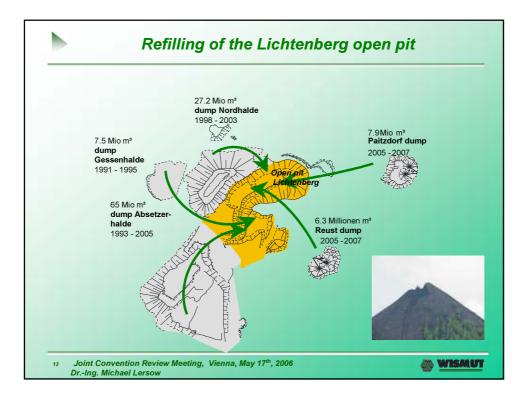


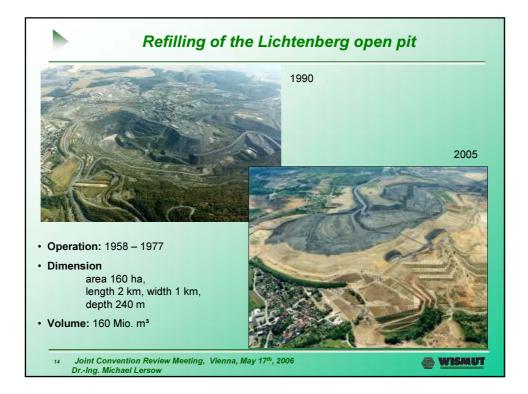
Class of Objects	Technology			
Contaminated structures and areas	Demolition, decontamination, cleanup of areas, release of lowly contaminated material for restricted reuse, safe disposal of higher contaminated material			
Waste rock dumps	In-situ remediation (reshaping, slope stabilisation, covering); alternatively relocation to a safe site			
Tailings management facilities (TMF)	Dry in-situ remediation (dewatering, geotechnical stabilisation, cover placement)			
Open pit Lichtenberg	Refilling of waste rock material, covering			
Mines	Closure of mine openings, stabilisation of underground galleries, controlled flooding			
Contaminated water (mine water, seepage, pore and su- pernatant water from TMF)	Active water treatment in special plants, alternatively passive water treatment procedures (biological and treatment technologies, phytoremediation)			

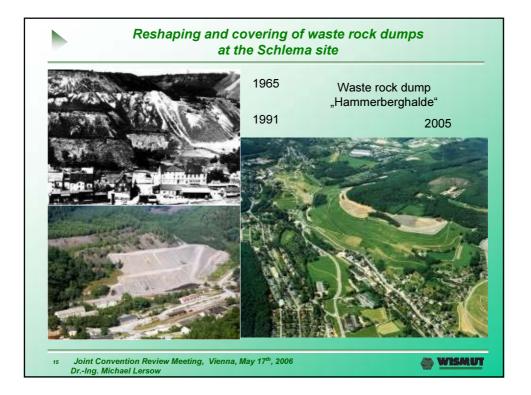






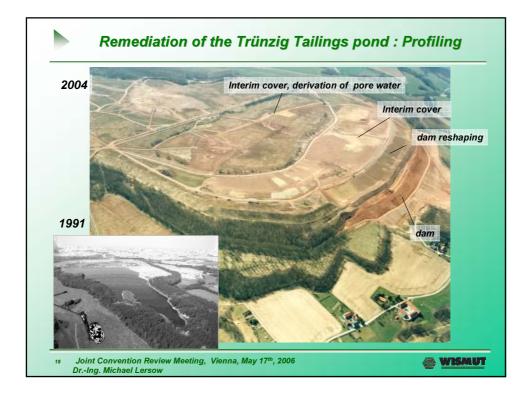














Water treatment plant	Capacity [m³/h]	Type of feed water	Main radiological component	Permitted discharge standard / <mark>discharge</mark> U <sub>nat</sub> Ra-226 U <sub>nat</sub> [mg/l] [Bq/l] [t/a]		
Aue	1000	Mine water	5 mg/l U <sub>nat</sub>	0.5 / 0.2	0.4 / 0.01	
Pöhla	130	Mine water	2.5 Bq/l <sup>226</sup> Ra	0.2 / 0.02	0.3 / 0.07	0.175
Helmsdorf	250	Supernatant w.	10 mg/l U <sub>nat</sub>	0.5 / <mark>0.3</mark>	0.2 / 0.03	0.88
Königstein	650	Mine water	100 mg/l U <sub>nat</sub>	0.3 / 0.006	0.4 / 0.03	1.7
Seelingstädt	300	Supernatant w. Seepage	2 mg/l U <sub>nat</sub>	0.3 / <mark>0.12</mark>	0.2 / <mark>0.01</mark>	0.63
betwee • anticip	en 50 t/a (l ated end o	lioactive residues Pöhla site) and 1 of operation: Idt site) – 2030 (/	5000 t/a (König	gstein site)		









