

## Milestones

Country: HUNGARY

Reporting Year: 2009

Start Year or Reference Year:	2009	End Year:	
Description of Milestone:			
By the end of 2009 1600 drums (320 m <sup>3</sup> ) are stored in the buffer storage in Bataapati. The access tunnels and a double loop-like structure of the connecting tunnels around the future disposal area are completed.			
Start Year or Reference Year:	2009	End Year:	
Description of Milestone:			
The demonstration phase of the safety enhancement programme was completed successfully by 2009 in the Radioactive Waste Treatment and Disposal Facility at Puspokszilag. This phase had to test the recovery technology (removing of certain long-lived and high activity spent sources from the vaults) and collect the necessary information and experience.			
Start Year or Reference Year:	2008	End Year:	
Description of Milestone:			
On the basis of the pre-construction safety assessment the authority issued the construction licence of the Bataapati LILW repository in May 2008. The operation licence for the surface part entered into force in October 2008 allowing for the temporary storage in the technology building. The name of the new facility in Bataapati is National Radioactive Waste Repository.			
Start Year or Reference Year:	2007	End Year:	
Description of Milestone:			
The competent authority issued the Environmental License for the Bataapati LILW repository which entered into legal force on 17 October 2007.			
Start Year or Reference Year:	2007	End Year:	
Description of Milestone:			
Construction licensing of the Bataapati LILW repository started on 8 November 2007 when the necessary documentation based on safety assessment (Pre- construction Safety Assessment) was handed to the competent authority.			
Start Year or Reference Year:	2007	End Year:	
Description of Milestone:			
The authority issued the operation license for the new modules (No. 12-16) of the Spent Fuel Interim Storage in 2007.			

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Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>In parallel with on-going underground geological investigations in Bataapáti the following additional activities started in 2006.</p> <p>a) Preliminary activities (landscaping, planning etc.) for aboveground infrastructures of the future LILW repository.</p> <p>b) Preparation of licensing documentations of the future LILW repository.</p>			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>The first part of the environmental licensing procedure was accomplished in January 2006 when the regionally competent authority accepted the Preliminary Environmental Impact Study giving green light to the second part of the procedure: the compilation of the Environmental Impact Assessment.</p>			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>In 2006 the Governmental Decree 257/2006. (XII.15.) declared that the Bataapáti LILW repository project is an issue of preferential importance and as such it enjoys certain priorities in licensing and legal procedures.</p>			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>In 2006 new activities began in the framework of the second phase of the safety enhancement program (approved in December 2005) in the Radioactive Waste Treatment and Disposal Facility at Püspökszilágy. Plans were prepared and approved for opening 4 vaults (each of 70m<sup>3</sup> containing mainly historical waste) and for retrieving, selection, reconditioning and repackaging waste.</p>			
Start Year or Reference Year:	2006	End Year:	
Description of Milestone:			
<p>The modules 12-16 of the Spent Fuel Interim Storage Facility (II. phase of the enlargement of the SFISF) became practically accomplished in 2006. The final installation and the start of operation are the tasks of the year 2007.</p>			
Start Year or Reference Year:	2005	End Year:	
Description of Milestone:			
<p>After the strongly supportive result of a local referendum held in the village of Bataapáti, the Hungarian Parliament expressed its approval in principal for the construction of the repository</p>			

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Start Year or Reference Year:	2004	End Year:	2006
Description of Milestone:			
LILW: The programme of further investigations of Bataapati (Uveghuta) site (construction of two parallel inclined shafts in order to determine the exact location of the repository and its safety zone) was approved by the competent minister in December 2004.			
Start Year or Reference Year:	2003	End Year:	
Description of Milestone:			
HLW: start of investigations to select a site of an underground laboratory in the Mecsek Mountains for the exploration of the Boda Claystone Formation.			
Start Year or Reference Year:	2002	End Year:	2005
Description of Milestone:			
LILW: Safety upgrading program (Phase I) for the Radioactive Waste Treatment and Disposal Facility in Puspokszilag (based on previous safety assessments).			
Start Year or Reference Year:	2001	End Year:	2003
Description of Milestone:			
LILW: Detailed geological and hydrogeological survey from the surface as well as safety assessment of Bataapati (Uveghuta) site. The geological authority stated that the site fulfils all the requirements formulated in the relevant decree: thus, from the geological point of view it is suitable for the disposal of LILW.			
Start Year or Reference Year:	2000	End Year:	
Description of Milestone:			
LILW: Collection of existing data and preparation of a preliminary safety assessment to establish further investigation in Bataapati (Uveghuta).			
Start Year or Reference Year:	2000	End Year:	2001
Description of Milestone:			
HLW: Elaboration of a national policy for HLW management, aiming at the establishment of a national strategy.			
Start Year or Reference Year:	1999	End Year:	
Description of Milestone:			
LILW: IAEA WATRP Mission confirms the results of the investigation and recommends further exploration of Bataapati (Uveghuta).			

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Start Year or Reference Year:	1998	End Year:	1999
Description of Milestone:			
HLW: Country-wide screening for a potential site.			
Start Year or Reference Year:	1997	End Year:	1998
Description of Milestone:			
LILW: Exploration of the suitability of the potential site Bábaapáti (Üveghuta).			
Start Year or Reference Year:	1996	End Year:	
Description of Milestone:			
LILW: Decision to investigate the Bábaapáti (Üveghuta) site for a subsurface repository in granite, while keeping the Udvari site for a surface repository stand-by.			
Start Year or Reference Year:	1993	End Year:	1996
Description of Milestone:			
LILW: A National Program was launched to select a site for a repository for NPP waste (countrywide screening and regional screening for potential sites).			
Start Year or Reference Year:	1993	End Year:	1999
Description of Milestone:			
HLW: Geological exploration 1100 m below surface in an underground research object in the Boda claystone formation.			
Start Year or Reference Year:	1989	End Year:	1993
Description of Milestone:			
HLW: Preliminary geological investigation of the Boda claystone formation.			
Start Year or Reference Year:	1986	End Year:	1988
Description of Milestone:			
LILW: A disposal site for NPP waste was investigated in Ófalu, but the licence for construction was not granted by the Hungarian authorities.			

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Start Year or Reference Year:	1976	End Year:	1976
Description of Milestone:			
LILW: Licencing of the Radioactive Waste Treatment and Disposal Facility in Püspökszilágy for institutional waste.			

Start Year or Reference Year:	1960	End Year:	1960
Description of Milestone:			
LILW: Start of operation of an interim storage in Solymár.			