Vladimír Slugeň<sup>1,2</sup>

<sup>1</sup>Slovak University of Technology

<sup>2</sup>National Nuclear Fund of SR

 Strategy of a Back-end of Nuclear Energy in the Slovak Republic and Financing of Decommissioning of NPP A1

#### National Nuclear Fund of SR (NNF, NJF)

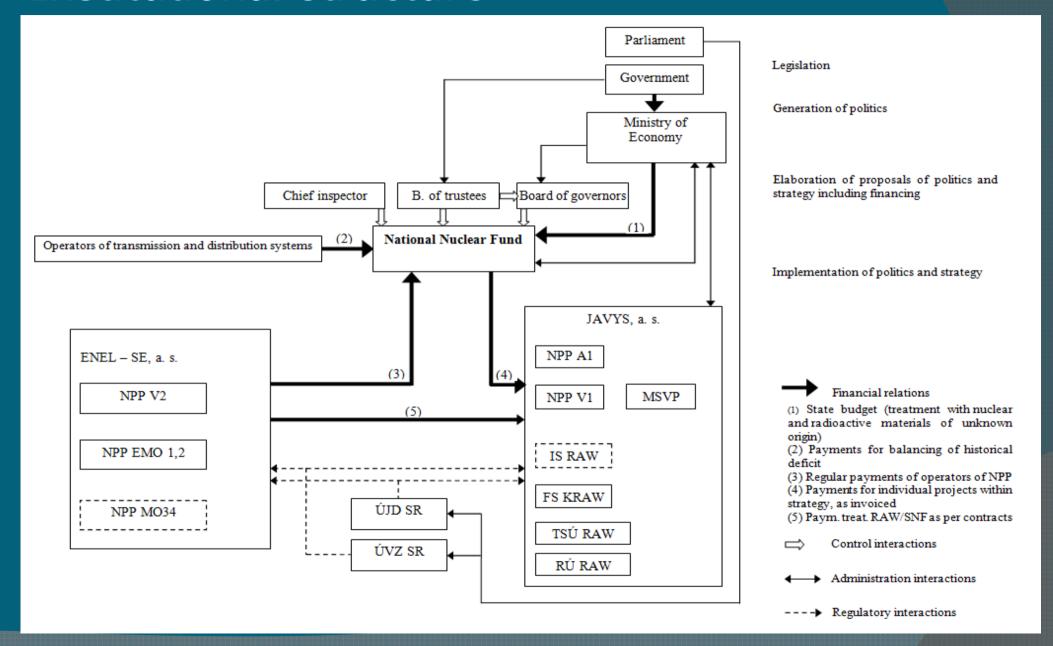
- Created by Law no. 238/2006 Z. z. from 16.03.2006,
   valid since 01.07.2006,
- Before since 1994 State found for decommissioning of nuclear facilities and radioactive waste and spent fuel management.

#### Now:

 National nuclear found for nuclear facility decommissioning and for spent nuclear fuel and radioactive waste management. Slovak Government approved the (1st NNF) Strategy by Governmental decision No. 328/2008 in May 21, 2008

NUSIM 2010

#### Institutional structure



### Decommissioning of NPP A1

Time table of decommissioning:

Decommissioning of NP	P A1	begining	end	188	0000		2002	2010		2013	2020	200		2030	2035
Decom. of NPP A1		1997	2033												
	I. phase	1997	2008												
	II. phase	2009	2016												
	III. phase	2017	2020												
	IV. phase	2021	2024												
	V. phase	2025	2033										2		
Decom. of DS		2006	2022						<u> </u>						
(long term repository)	Operation SUZA in DS	2006	2009												
	Change in storage of sludges	2008	2012												
	Operation SUZA in DS	2010	2022						2-1-2						
	Treatment with DW(dowtern	2008	2013												
	Treatment with PDS (casks)	2008	2014												
	Treatment with RAW	2009	2018												

# Balance of fin. sources and costs for NPP A1

mil.€

Item	In prices of 2011	In nominal prices	In discount prices					
Costs for decommissioning	664,806	820,267	691,550					
Costs for RAW deposition	164,838	225,921	175,047					
Total costs	829,644	1 046,188	866,597					
Balance of 1.1.2012	66,344							
Financial means of NNF	763,300	979,844	800,253					
Total sources	829,644	1 046,188	866,597					

## THANK YOU FOR YOUR ATTENTION