



Országos Atomenergia Hivatal

Regulatory perspective on VVER licensing Hungarian Atomic Energy Authority

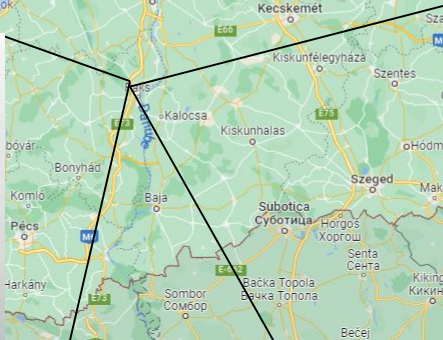
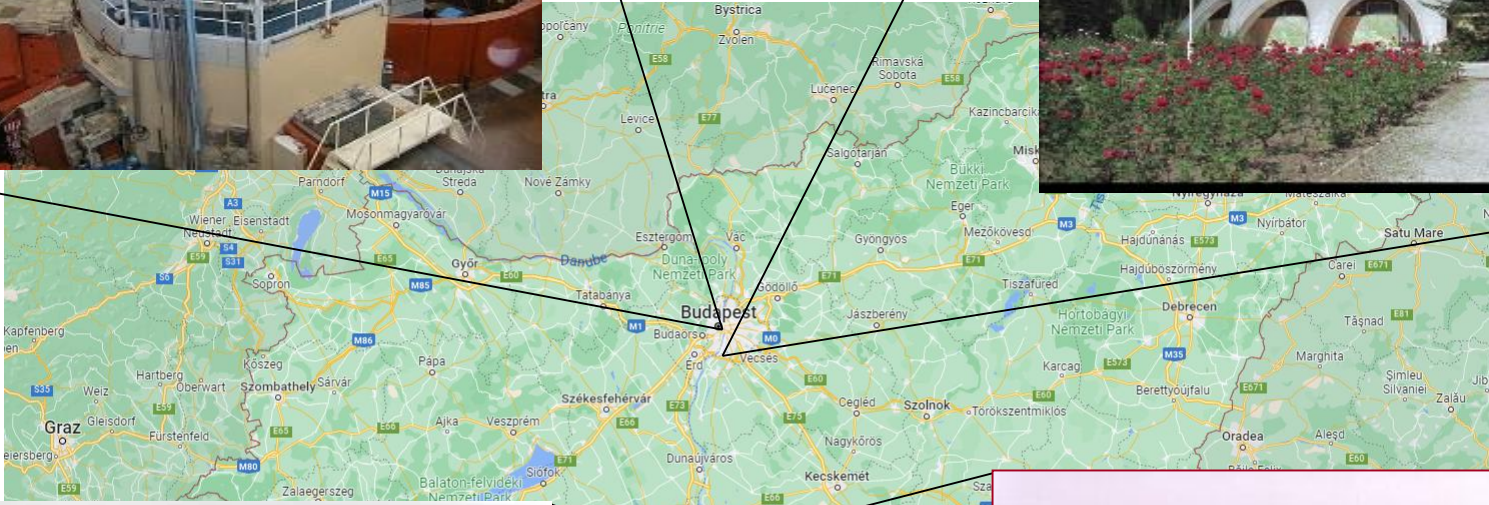
Katalin Petőfi-Tóth

5th MDEP conference

24-25 April 2023

Antalya, Türkiye

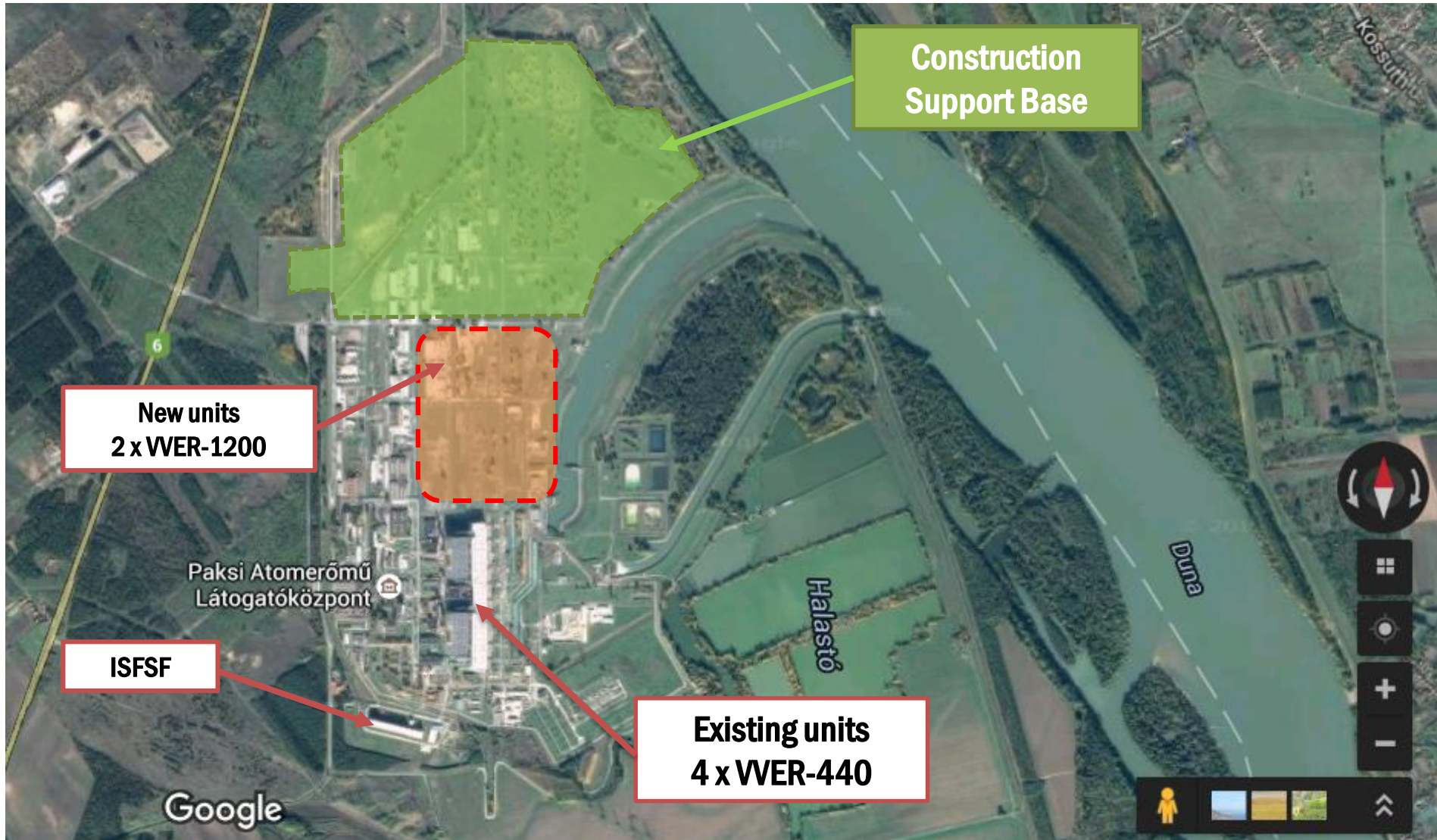
Nuclear program





Paks II. NPP site overview

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Roles and responsibilities have been greatly expanded in recent years

- Radiation protection oversight authority
- Building authority (NPP and radwaste facilities)
- Oversight of nuclear facilities (Paks II. NPP)
- Oversight of radioactive waste facilities (repository of the high level and long lived radioactive waste)



New legal status of HAEA

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1st January 2022 **institution with a special legal status**

Led by the President

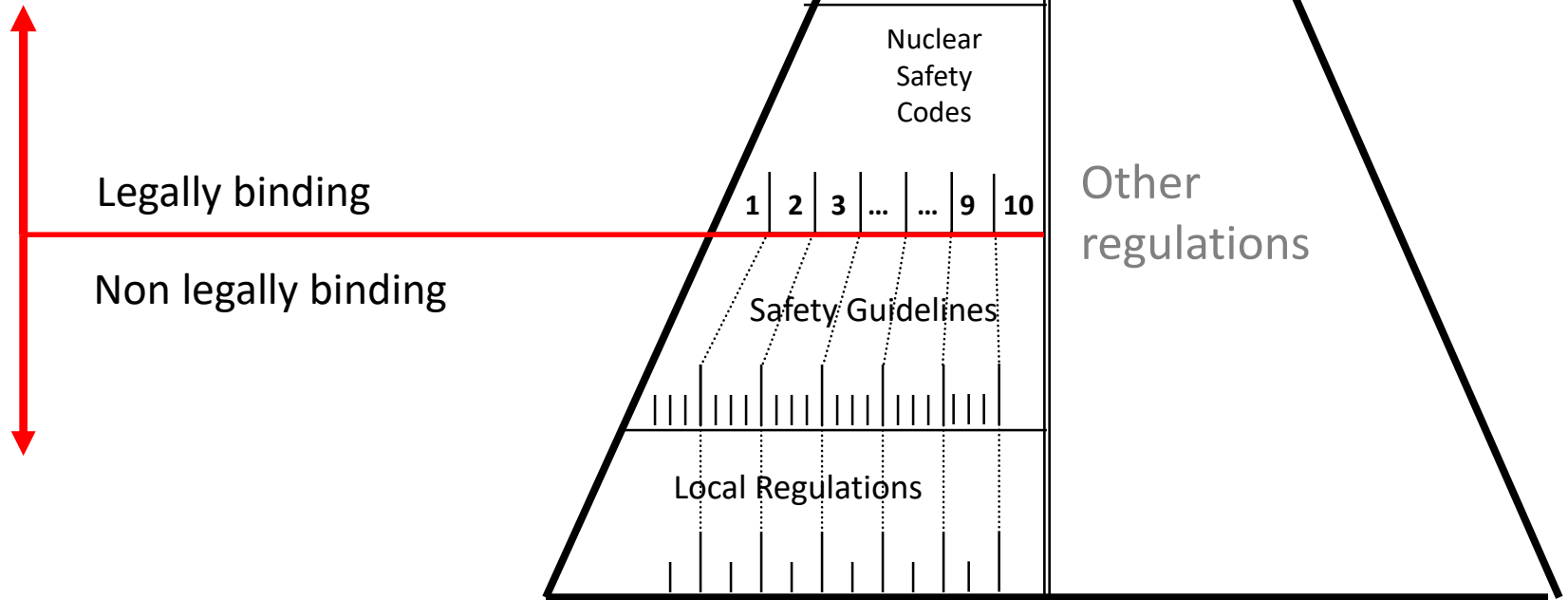
Independence of the HAEA's management and operation

Power to issue regulations in special cases from May 2022

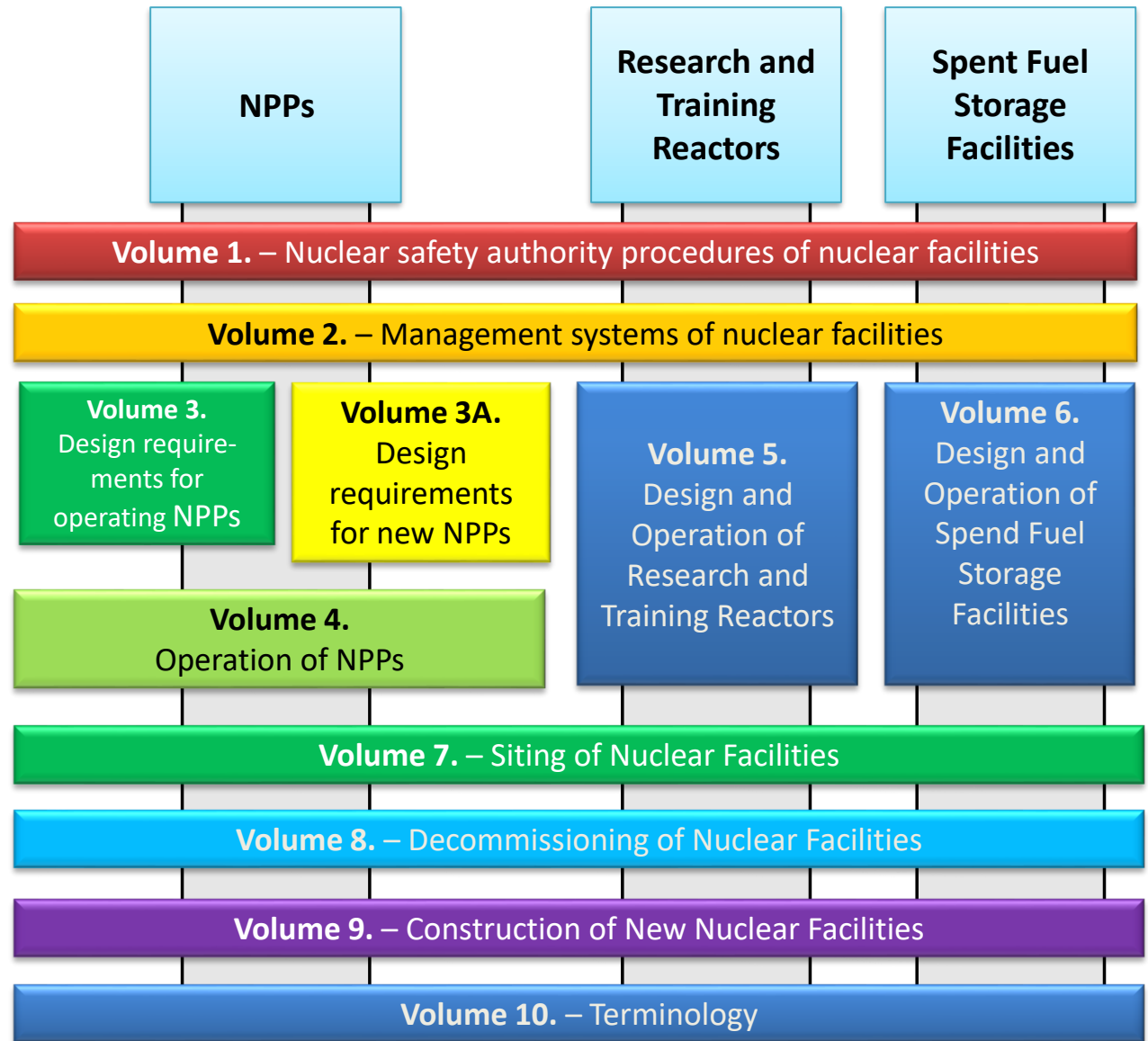
Presidential decrees:

- the legislation on the safety requirements of nuclear facilities and waste management facilities,
- the legislation on the protection against ionizing radiation

The Nuclear Safety Regulation in Hungary



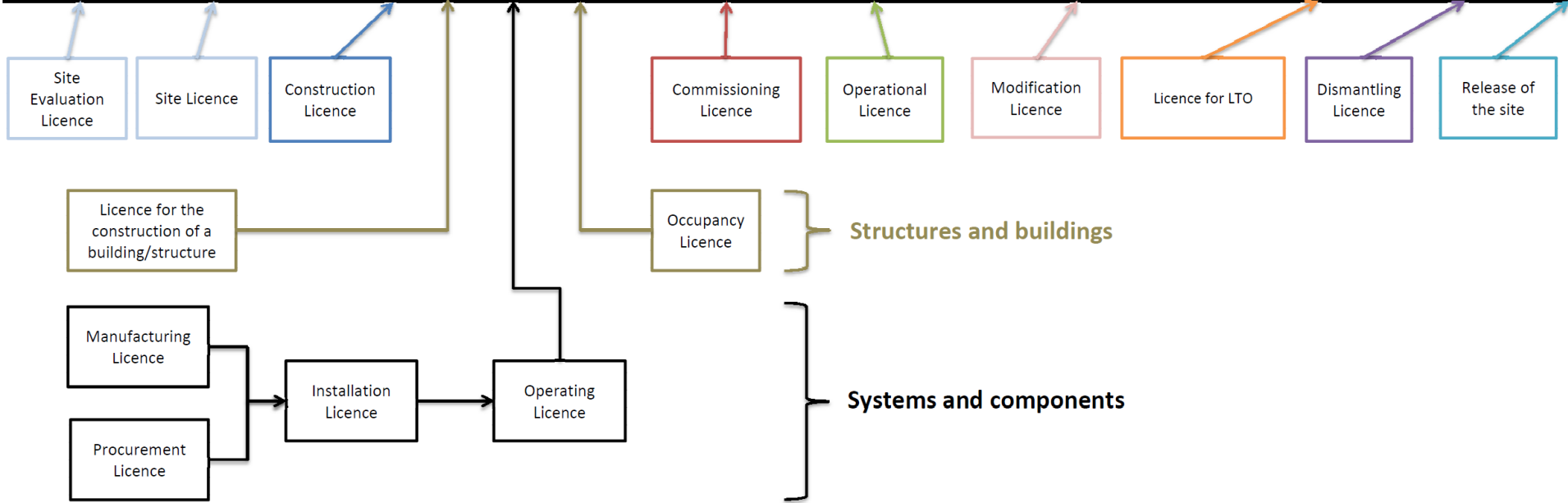
Structure of the Nuclear Safety Code





The main licensing steps

NSC Vol.	Site licensing	Site specific design	Construction	Commisioning	Operation	Decommissioning
1.	Red	Red	Red	Red	Red	Red
2.	Orange	Orange	Orange	Orange	Orange	Orange
3.	White	Yellow	Yellow	Yellow	Yellow	White
4.	White	White	White	Green	Green	White
7.	Green	White	White	White	White	White
8.	White	White	White	White	White	Blue
9.	White	Purple	Purple	Purple	White	White





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Current status

Construction license

Manufacturing permits:

- Reactor pressure vessel

- Core catcher

Nuclear Island building permits granted

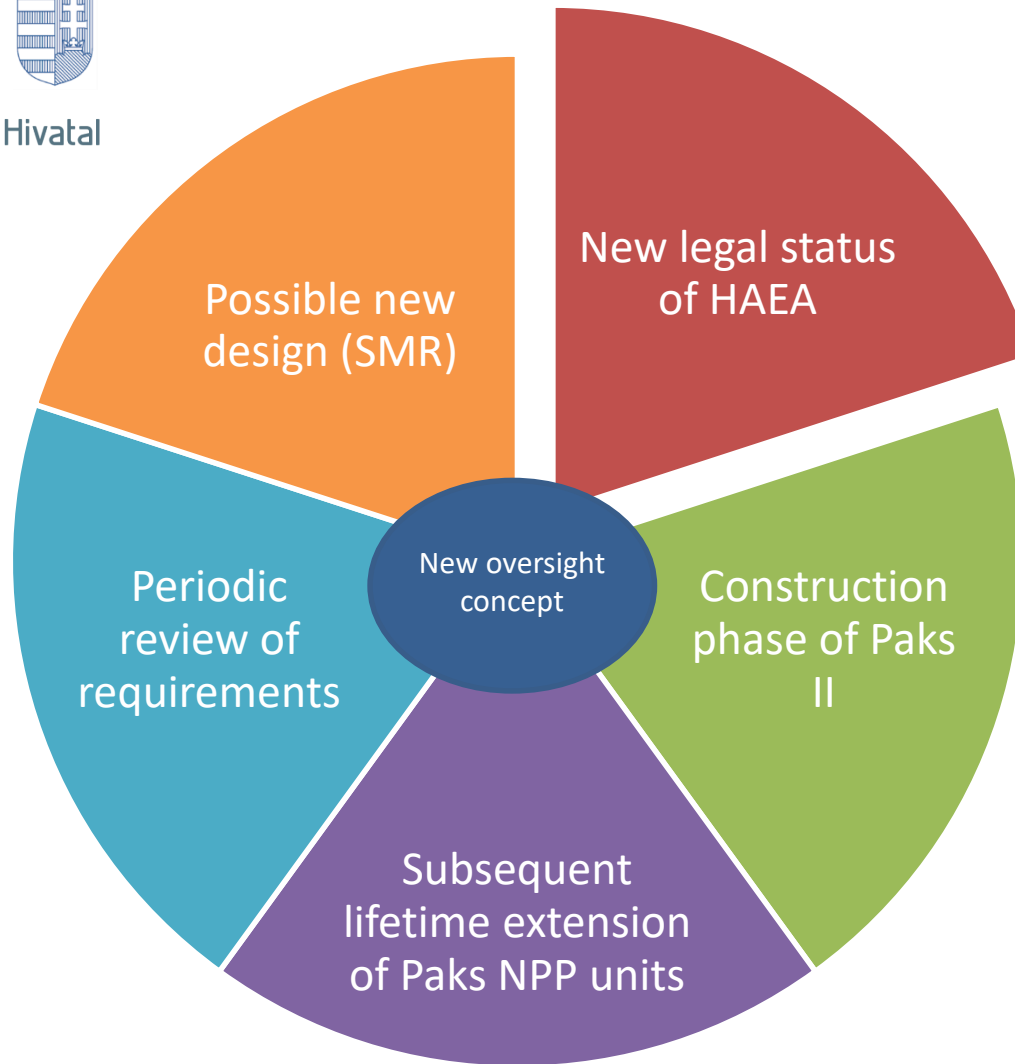
Site preparation:

- Soil excavation under unit 5 completed

- Cut-off wall and soil stabilization works planned



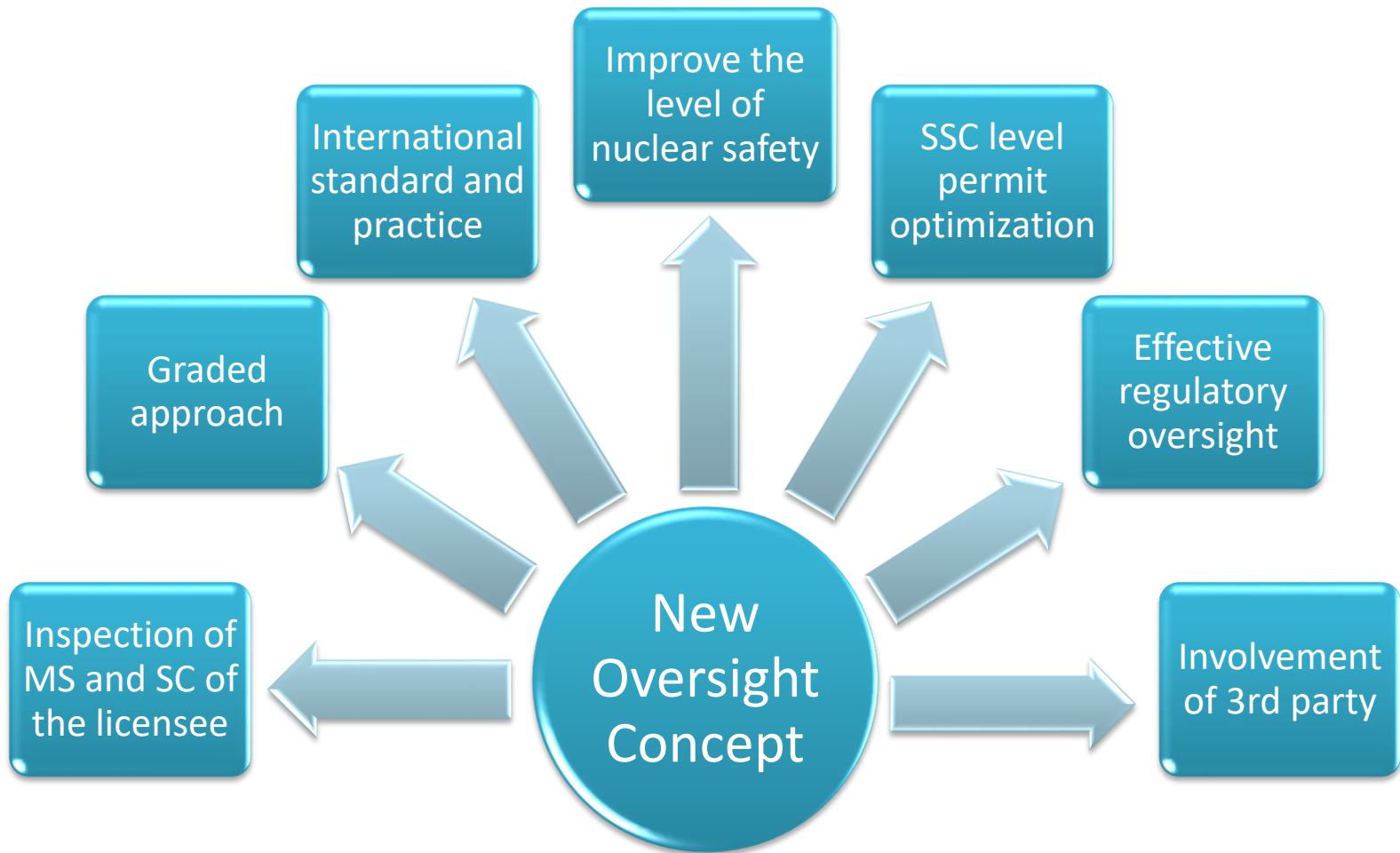
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Vision





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Thank you for your
attention!

