



Authority for Nuclear Safety and
Radiation Protection

Preparing for licensing process for SMRs

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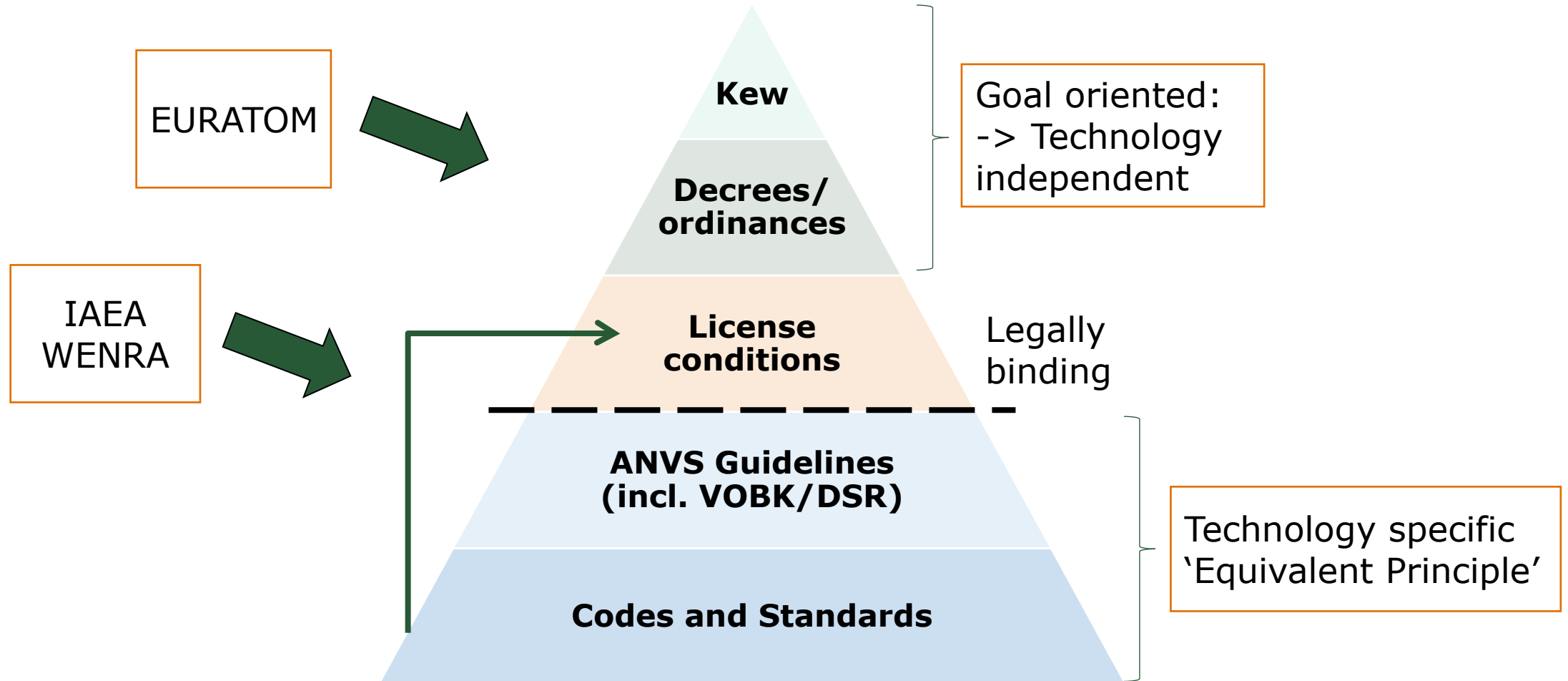


Conclusions (pre)licensing in European SMR pre-Partnership

- Engage **early dialogue** between designers/licensees and regulators on main elements of the design options
- Promote cooperation of “interested” regulators to carry out a **joint safety pre-assessment** on a mature design and its **dissemination with other regulators** confronted with that design at a later stage.
- Identify in an early phase **potential blocking points** in the safety requirements or licensing processes and arrangements for convergence



NL regulatory framework: fit for future





Training on the job: Licensing PALLAS

- › Start pre-license interaction
June 2015
- › Submission (incomplete) PSAR
March 2021
- › License application
June 2022
- › License to construct granted
March 2023

Photo:
NRG|Pallas





Competence building ANVS through international activities

- International regulatory collaboration: bilateral (AU, BE, CA, DE, FR, KR, PL, UK, US, ZA) and multilateral (IAEA, ENSREG, WENRA, OECD NEA)
- Phase 2 of Joint Early Review of Nuward SMR (collaboration with regulators from FR, FI, CZ, SE, PL)
- Observer in GDA phase 2 by ONR for Rolls Royce SMR
- Interaction with Thorizon (collaboration with ASN)





Conclusion

- Early engagement is key
- ANVS has experience and is further building its competence and capacity in preparation for new builds in NL
- International collaboration of ANVS with regulators that are reviewing/have reviewed the specific design in the pre-licensing phase is crucial