



Strål  
säkerhets  
myndigheten

Swedish Radiation Safety Authority

# SSM and new nuclear power

Odd Runevall

Lead nuclear licensing process development



# The Swedish Radiation Safety Authority, SSM

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SSM reports to the Ministry of Climate and Enterprise and has mandates from the Swedish Government within the areas of nuclear safety, radiation protection, security, and nuclear non-proliferation.

- headed by Director General Michael Knochenhauer
- has offices in Solna (Stockholm), Katrineholm and Göteborg
- ~300 employees and growing.



# SSM activates – new nuclear power

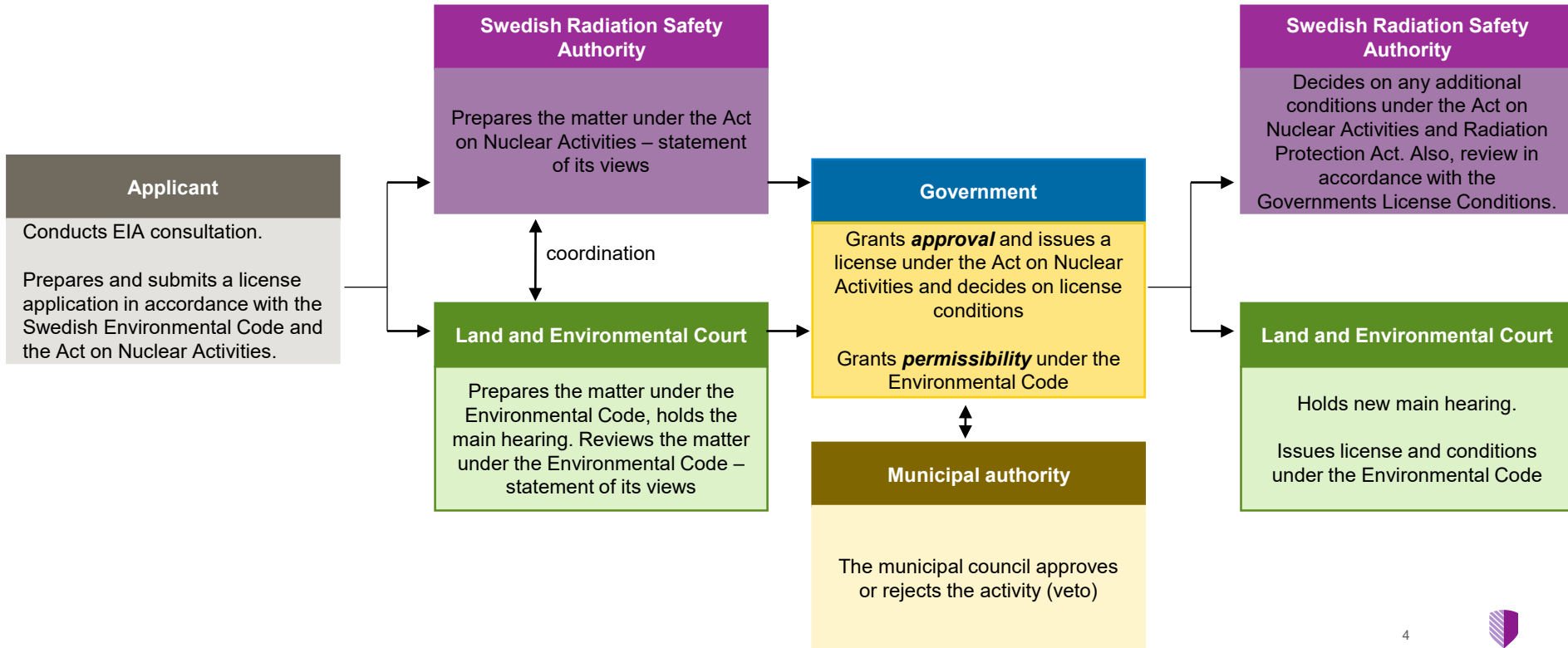
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- Science grants
  - Grants to sustain and build national competence
- International cooperation
  - Competence building
  - Simplifies future leveraging of reviews
- Studies to prepare regulatory standpoints with regard to review questions needed to be resolved
- Regulation on specific topics
- Licencing process development

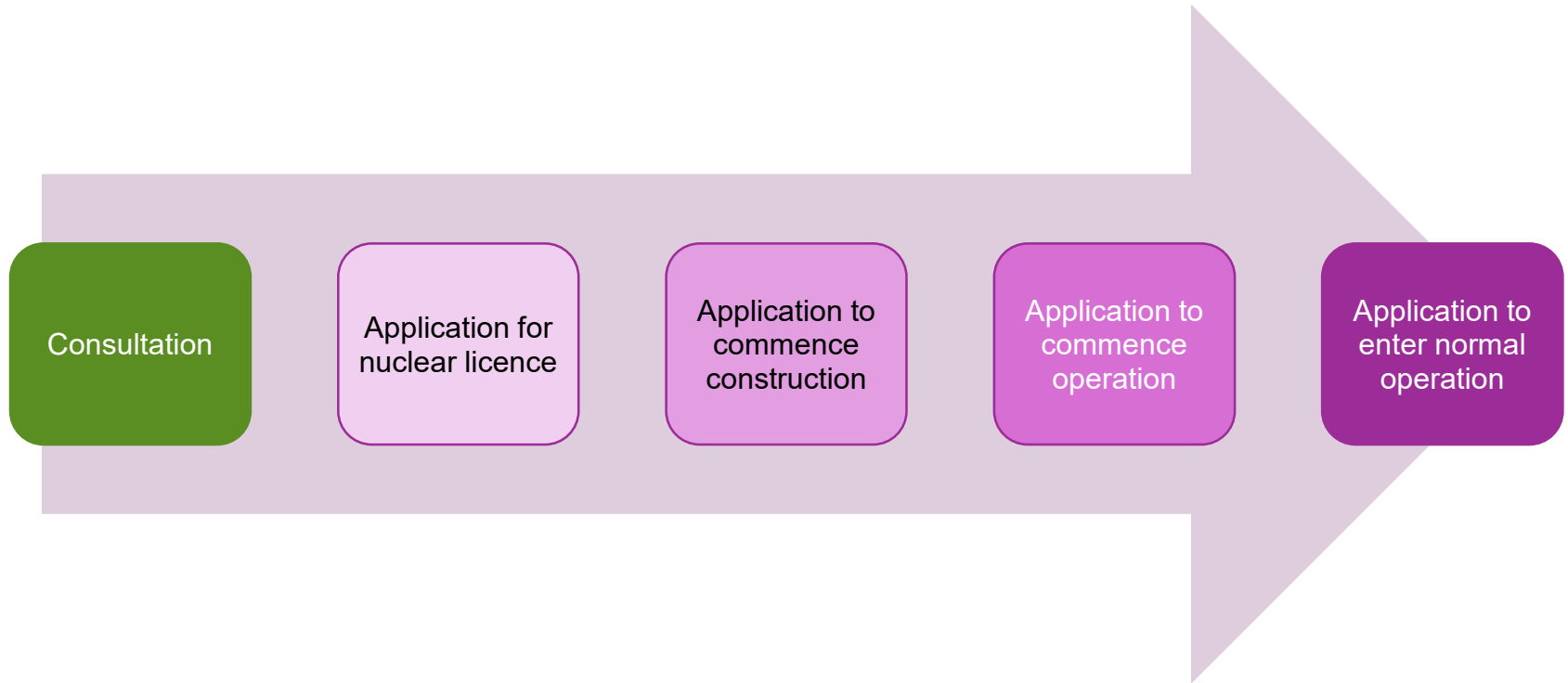


# Overview parallel licensing process

## Act on Nuclear Activities - the Environmental Code



# Licencing process



# Licensing process development

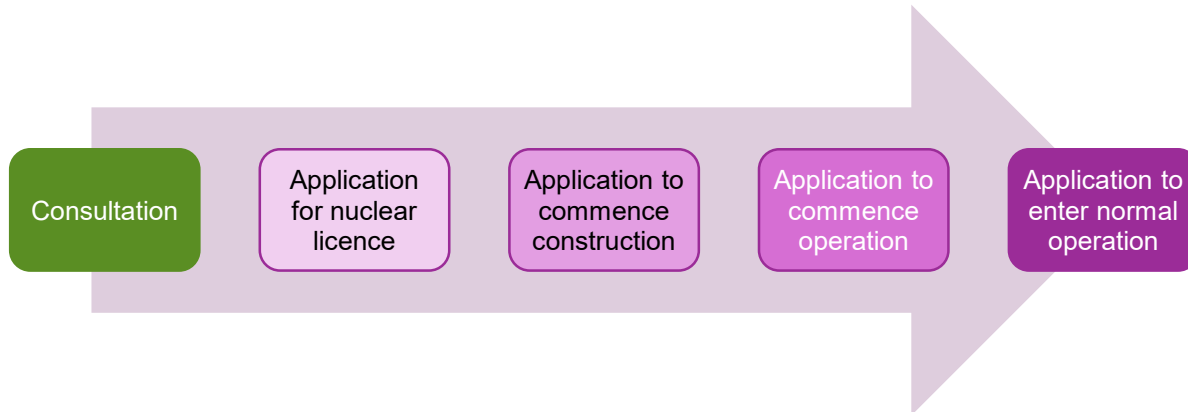
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- Main objective - be ready to review applications in 2025
  - Guidance to and dialog with potential applications
  - Development of our management system
- Developing a pre-licence process
  - Report submitted to the government on suggested scope
  - Ensuring a process is in place if we get a mandate for a pre-licence process



# Guidance on application content

- Recently published
  - Describes content and purpose for each application
- Starting point for a dialog
- Introduces our concept of proven and non-proven technology
- Introduces plan for construction and commissioning



**Thank you for your  
attention**

