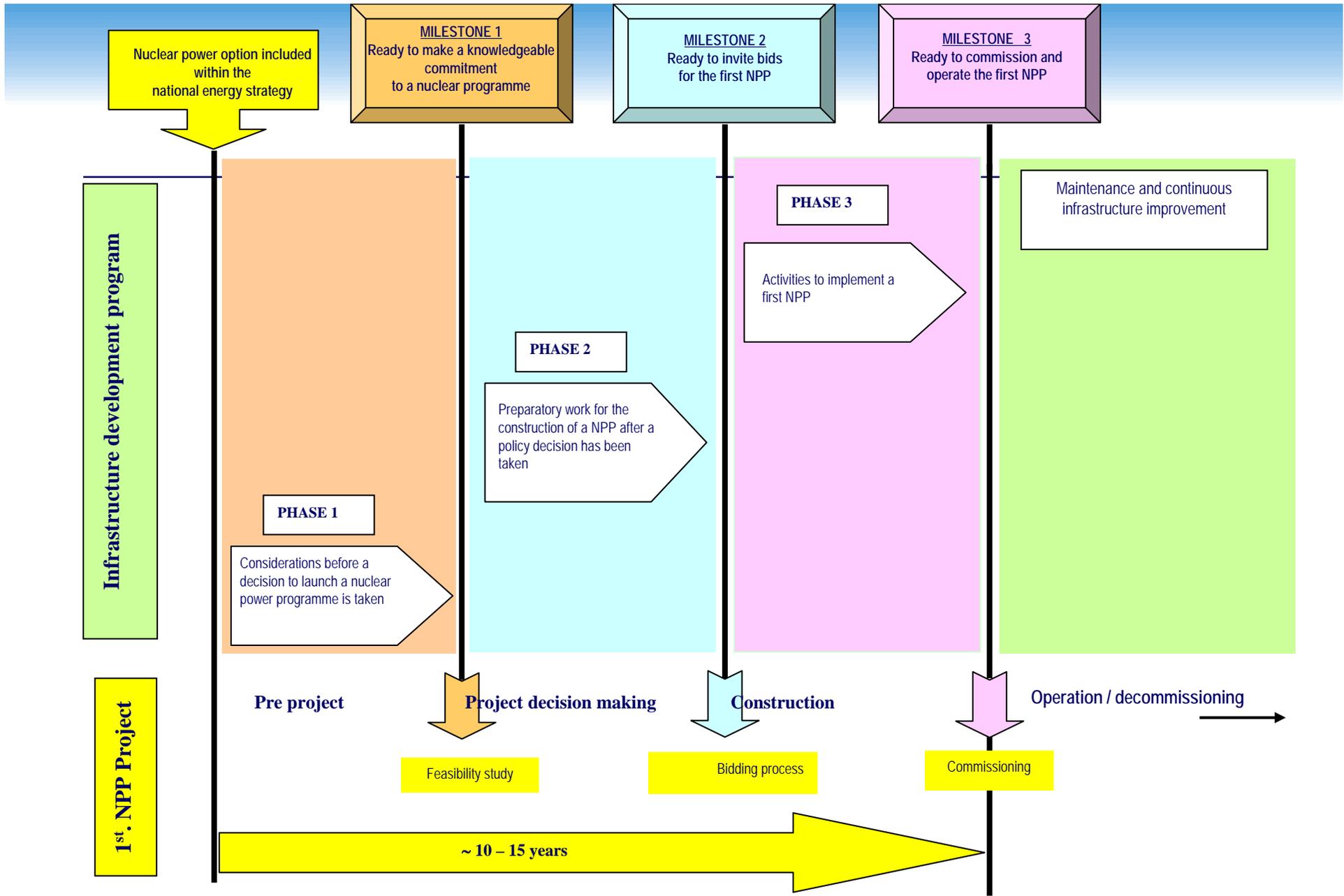




**International Atomic Energy Agency**

**Nuclear Energy Programme  
Implementing Organisation**

**NEPIO**



**INFRASTRUCTURE DEVELOPMENT PROGRAMME**



# Expected preparedness and milestones

ISSUES	MILESTONE-1	MILESTONE-2	MILESTONE-3
National position	☒	☒	☒
Nuclear safety	☒	☒	☒
Management	☒	☒	☒
Funding and financing	☒	☒	☒
Legislative framework	☒	☒	☒
Safeguards	☒	☒	☒
Regulatory framework	☒	☒	☒
Radiation protection	☒	☒	☒
Electrical grid	☒	☒	☒
Human resources development	☒	☒	☒
Stakeholder involvement	☒	☒	☒
Site and supporting facilities	☒	☒	☒
Environmental protection	☒	☒	☒
Emergency planning	☒	☒	☒
Security and physical protection	☒	☒	☒
Nuclear fuel cycle	☒	☒	☒
Radioactive waste	☒	☒	☒
Industrial involvement	☒	☒	☒
Procurement	☒	☒	☒

# 19 Issues

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- **Presentations on each**
- **Need questions and response from you**



# 19 Issues

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- **Speakers all convinced their issue is most important**
- **Right and Wrong**



# Power production

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- **Needs**
  - **Grid**
  - **Industrial involvement**
  - **Fuel**
  - **Management**
  - **Culture**
  - **Competence**
  - **Technology**
- **Knowledge**
- **Finance**
- **Safety**
- **Security**
- **Legislative framework**
- **Public Support**
- **Procurement and contractual**



# Security

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- **Needs**
  - **Knowledge**
  - **Culture of operation**
  - **Legislation**
  - **Management**
  - **Finance**
  - **Education**

# Safety

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- **Needs**
  - Knowledge
  - Skills
  - Standards
  - Culture
  - Quality manufacture
  - Finance
- Radiation protection systems
- Fuel and waste management
- Emergency planning
- Legislative framework



# Competence and understanding

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- **Need to understand how every contribution to the development of an infrastructure relates to all other issues**
- **Cannot achieve any objective acting in isolation**
- **Need to cooperate and communicate**
- **Share problems and solutions**
- **Share the development of understanding**

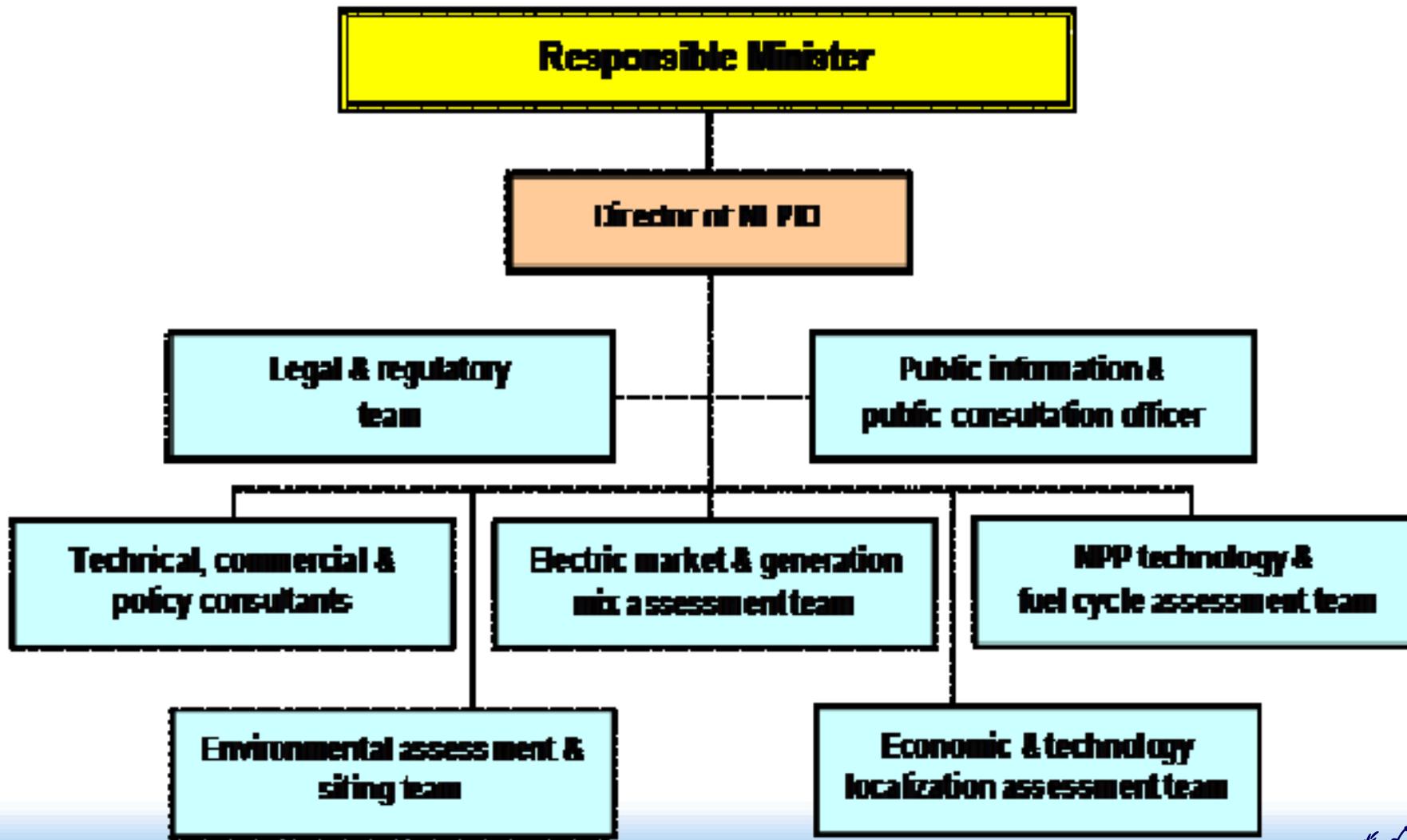


# Everything we wish to achieve

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- **Needs**
  - **All 19 Issues**

# Nuclear Energy Programme Implementing Organisation



# NEPIO

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- **Established at High Government Level**
- **Strong Support across government and industry**
- **Adequately funded and staffed**
- **Clear Mandate**
- **Defined timescale for achievement**

