



Ministry of Health, Welfare and Sport

# A Dutch Valley for Nuclear Medicine

And how to get there

22 September 2023



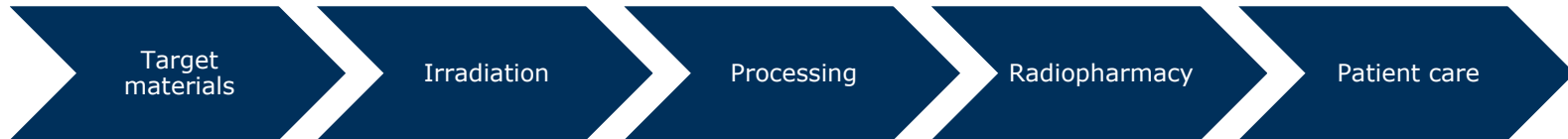
# The Programme Directorate for Medical Radioisotopes (PMI)

## Why?

- Prepare (political) decision-making **PALLAS-project** + loan to **SHINE**.
- Need for **coherent approach** to challenges in the whole supply chain of medical radioisotopes/radiopharmaceuticals.

## How?

- **'Governance' team**: (legislative) procedures for the construction of PALLAS reactor and future shareholding.
- **'Policy' team**: work towards an ecosystem for radiopharmaceuticals together with *all* stakeholders (NL+EU).



# Why is it important?



## Security of supply at risk

- Ageing reactor fleet.
- Vulnerable dependencies (e.g. target materials).
- Processing capacity.
- Growing demand.



## Potential of nuclear medicine

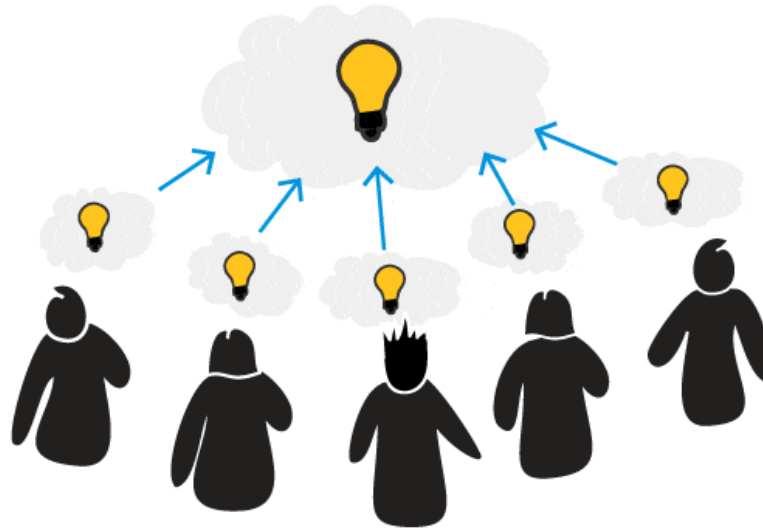
- Targeted (cancer)treatments.
- Improved imaging.
- Challenges: R&D funding, valorisation, HTA data, qualified personnel, ...



## Unique Dutch infrastructure

- Key players value chain in Netherlands.
- Challenges: cooperation and proactive, coherent approach.

# Need for a shared vision and roadmap



# **How can we make better use of the potential of nuclear medicine for patients?**

# No need to reinvent the wheel



## Centre for Future Affordable Sustainable Therapy development

Brings together stakeholders in accelerating drug development. Specific attention for **radiopharmaceuticals**.



## Preclinical accelerator for cancer treatment

Accelerating R&D of new **cancer therapies** to address unmet medical needs.



## Public-private partnerships in the Life Sciences and Health sector

Initiates and stimulates R&D in **public-private partnerships** in the LSH sector and helps in attracting funding (incl. EU4Health, Horizon, ...).



## Public investments in structural and durable growth

**Public funding** in the field of knowledge development and **R&D&I** (including health). €20 billion in total, €4 billion per round. → **DECISIVE**

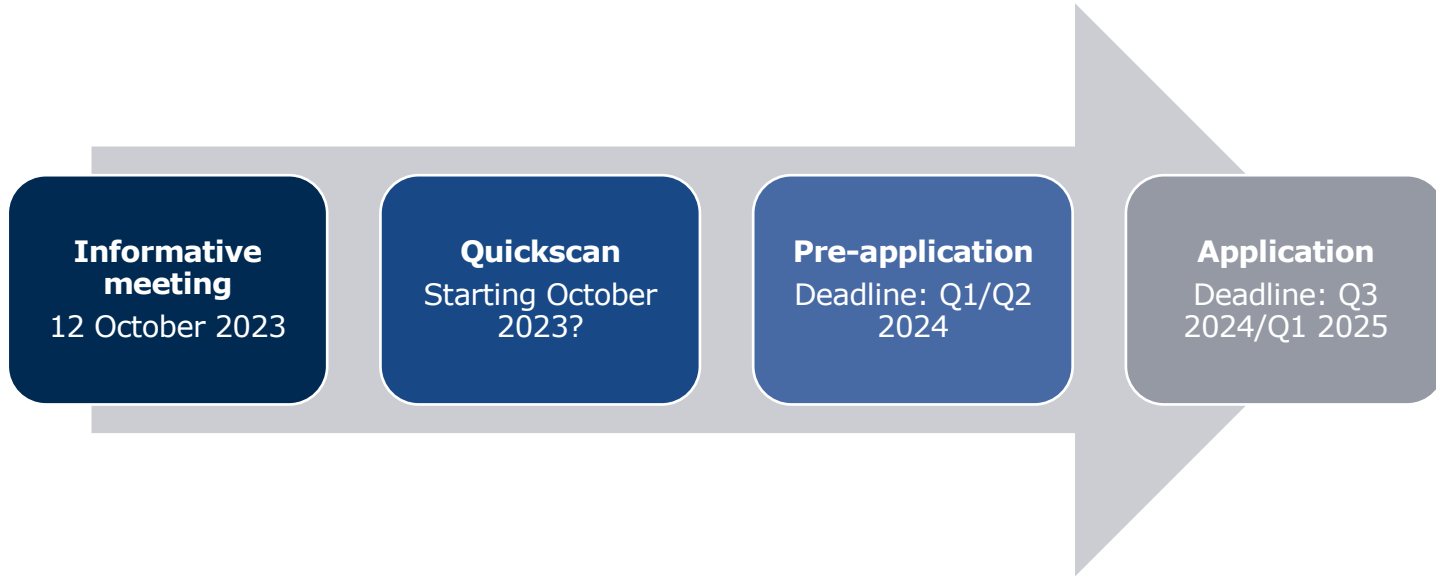
# National Growth Fund **criteria**

- 1. Contribution to sustainable earning capacity**
2. Strategic substantiation
3. Quality of the plan
4. Cooperation and governance

→ **Lessons learned!**



# Provisional planning round 4 NGF







# Thank you

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