IAEA
International Atomic Energy Agency
Atoms for Peace and Development

Session V:
Working with Member States to Identify and Address their Needs and Priorities

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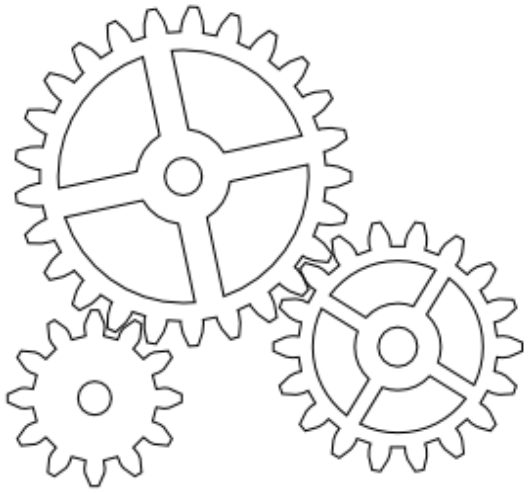
Session objective

- To present how the priority needs of Member States are identified

The vision that guides TC

Technical cooperation seeks
to forge human and
institutional capacity in Member States
to safely utilize nuclear technologies
to address local needs, global issues, and
to contribute to national development.

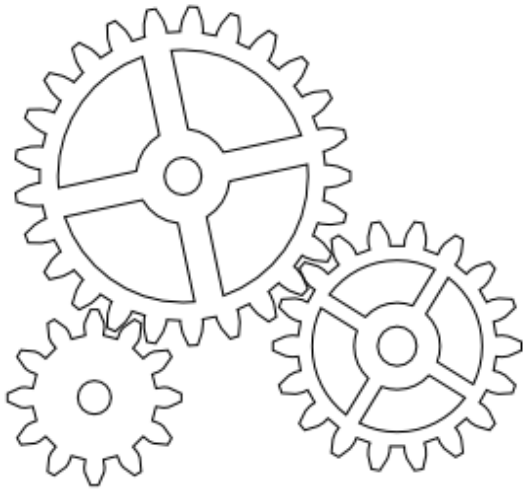
Identifying Member States' needs



- Shared responsibility principle
- Agency staff must be aware of country's priorities
- Member States should be aware of Agency programmes
- Clarity on the role of nuclear science and technology in development
- Long term impact

Identifying Member States' needs

- Supporting the design of technical cooperation projects
- Maintaining regular correspondence with national counterparts and permanent missions
- Crafting technically-sound projects which respond to Member State needs
- Facilitating the mobilization of resources



Identifying Member States needs

- Fact Finding Missions
  - Especially important for new Member States

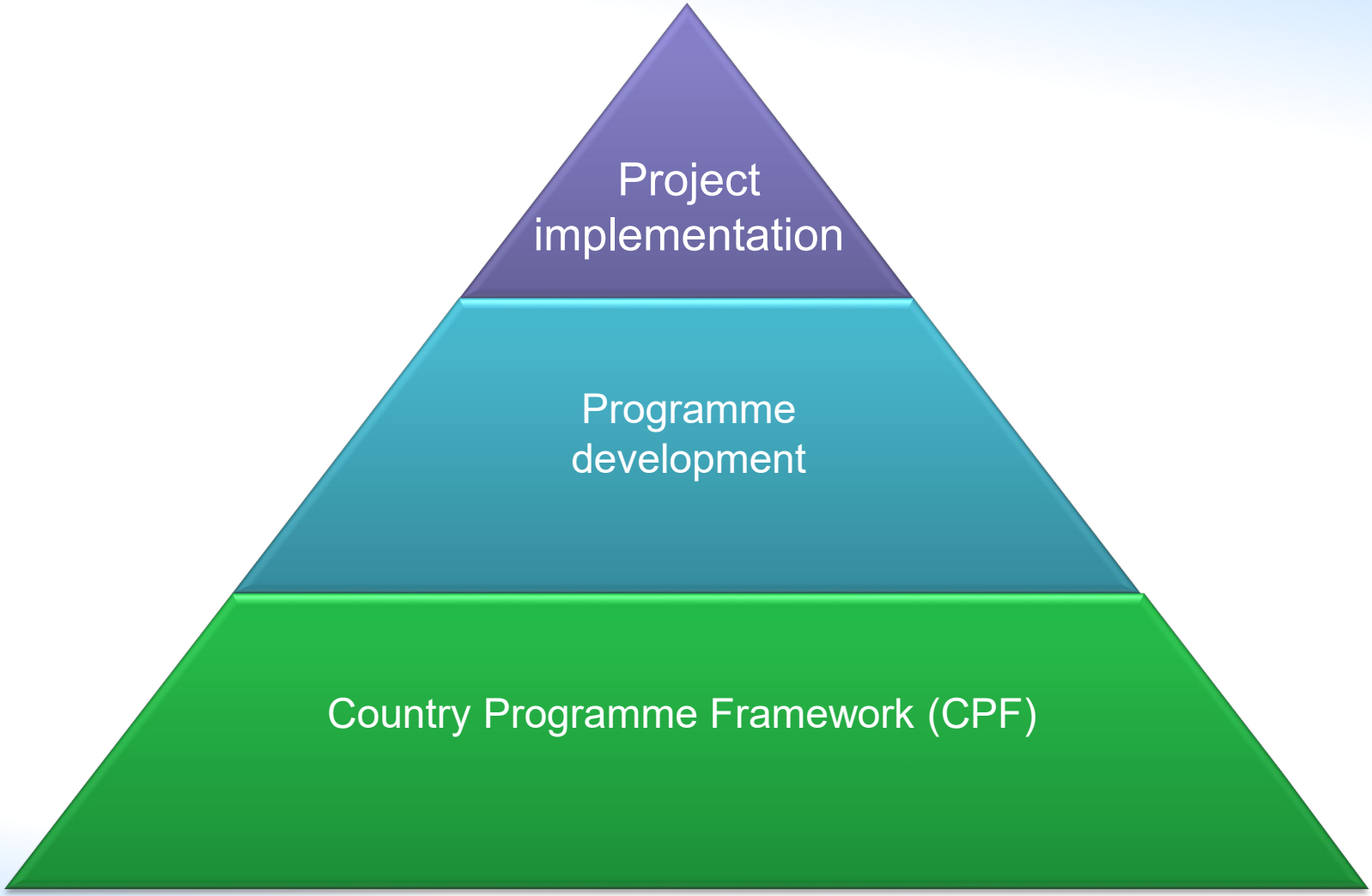
Identifying Member States needs: The Country Programme Framework

- A descriptive planning process that identifies country needs and priorities
- Identifies issues to be addressed with nuclear technologies
- Outlines the results expected in a given time frame
- Encourages MS to take ownership of the programme
- 94 currently valid CPFs as of September 2018

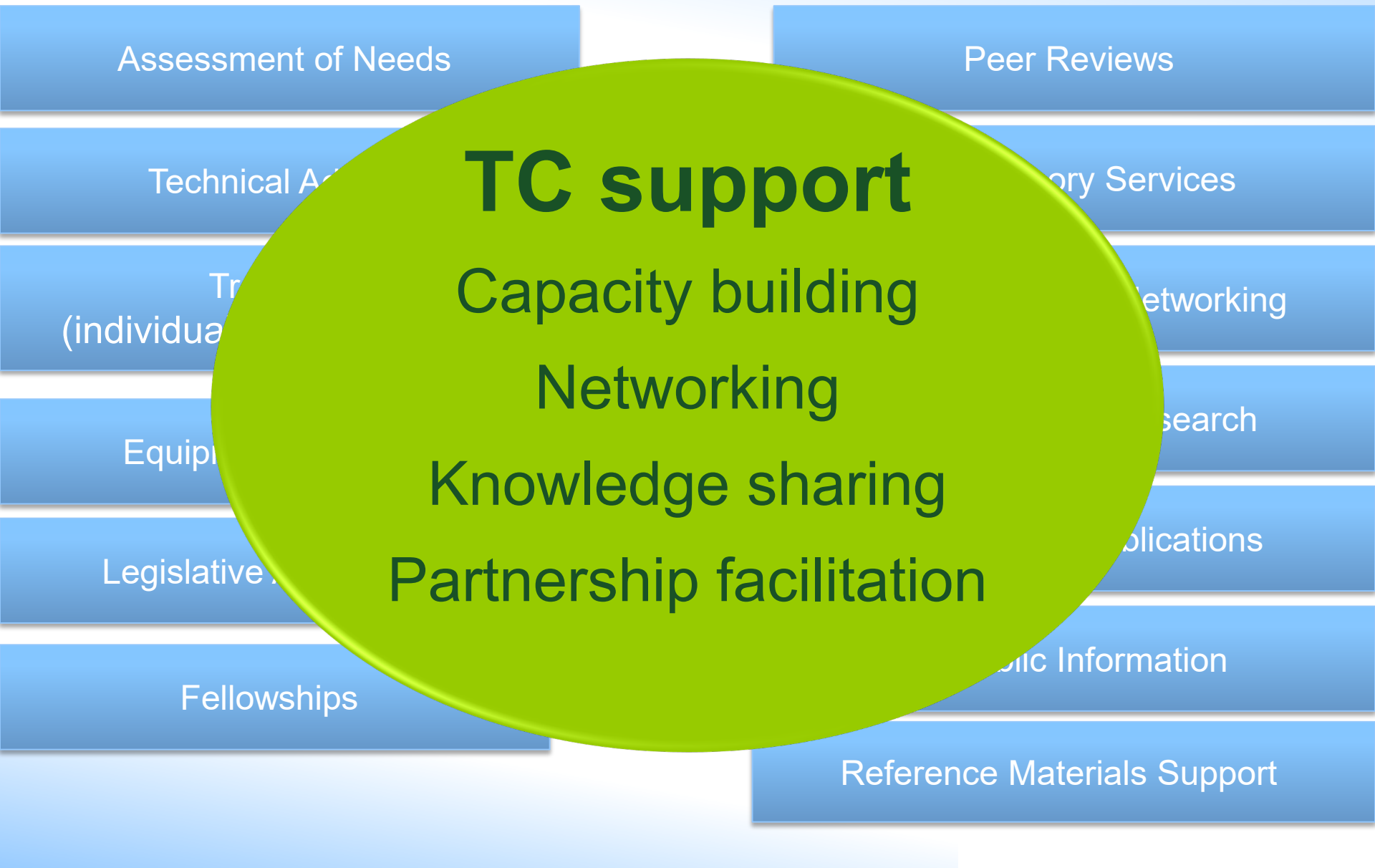
Identifying Member States needs

- Other important planning input
  - Identified national priorities
  - National Development Plans
  - UNDAFs
  - Regional priorities
  - SDGs

From needs to objectives



IAEA portfolio of services






Capacity Building

- Training courses
- Fellowships
- Scientific visits
- Expert missions

Procurement

- Radiotherapy machines
- Gamma irradiators
- Accelerators : E-beam, ion-beam
- Reactor vessel

Safety & security

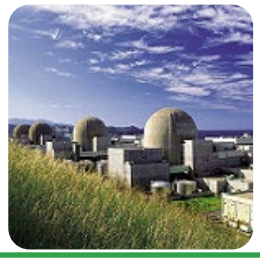
- Strengthening regulatory safety infrastructure
- Legal issues

Activity clusters

Water & environment



Energy planning & nuclear power


Health & nutrition



Food & Agriculture



Radiation Technology



Safety & Security


Nuclear Knowledge Management



Focusing on quality requested input from Frank Bruhn

Scope

- Logical Framework Approach (LFA)
- TC requirements

Stakeholders/users

- All participating Member States
- Relevant Secretariat staff in TDs and TC

Quality assessments are carried out each biennium

- project description, logical framework matrix, workplan

Tools for quality and monitoring requested input from Frank Bruhn

	PPAR	Field Monitoring Methodology (FMM)	Self-Evaluation (SE)	Outcome Monitoring (OM)
Status	On-going	On-going	On-going	Pilot
Level	Project	Project or programme	Project or programme	Outcome/Impact of project or programme
Characteristics	**Project progress** • achievement of planned results • feedback on the quality of TC inputs.	**Project implementation** progress according to quality criteria, including identification of corrective actions	**Assessment of project results** according to M&E criteria: • Issues to be improved • Lessons learned	**Achievement of expected change** (planned outcome) at MS level, following completion of project

Tailoring the TC programme to the needs of Member States

- One size doesn't fit all!
  - TC support is tailored to the needs and priorities of each Member State
  - LDC priorities tend to focus on food and agriculture, and health and nutrition
  - They face common challenges: safety infrastructure, human and technical capacity, and financial limitations
  - 35 LDCs participated in the TC programme in 2017 - case-by-case assessment of needs
  - TCDC, partnership building and resource mobilization

LDC/SID specific projects:

- Sustainable Development Goals
  - Utilizing the Sustainable Development Goals to Integrate Nuclear Science and Technology in Member States' Attainment of their National Development Plans
- Least Developed Countries
  - Contributing to the Development of Least Developed Countries by Building Human and Institutional Capacities in Nuclear Sciences and Technology
- Small Island Developing States
  - Applying Nuclear Science and Technology in Small Island Developing States in Support of the Sustainable Development Goals and the SAMOA Pathway

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IAEA Technical Cooperation Programme

Technical cooperation: delivering results for peace and development