IAEA 60 Years
Atoms for Peace and Development

Session I:

The IAEA and its Technical Cooperation Programme

Delivering results for peace and development

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Session Objectives

To provide an overview of the IAEA and the technical cooperation (TC) programme:

- What is the IAEA's TC programme?
- Management of the TC programme
- Delivery of the TC programme

IAEA MANDATE

60 Years
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To accelerate and enlarge the contribution of atomic energy to peace, health and prosperity throughout the world.

IAEA
International Atomic Energy Agency

Historical Milestones

1957
IAEA Statute entered into force

2005
Nobel Peace Prize

As an autonomous international organization within the United Nations system, IAEA is the global centre for cooperation in the nuclear field.

Atoms for Peace and Development

Yukiya Amano
Director General, IAEA

"Our motto is Atoms for Peace and Development. Transferring nuclear technology to developing countries, working to prevent the spread of nuclear weapons, and serving as a global platform for nuclear safety and nuclear security, are core Agency business and most important areas of our work."

IAEA at A Glance

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Main Areas of Work

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Science and Technology

Safety and Security

Safeguards and Verification

Nuclear Safety and Security

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Both aim to protect persons, property, society, and the environment, from ionising radiation.

Nuclear Safety

- Prevent accidents and respond to and mitigate their consequences should they occur.
- "Safety Comes First"

IRRS (Integrated Regulatory Review Service) team members and staff from the Chinese National Nuclear Safety Authority to review safety upgrades carried out as part of work improve safety of Fuqing Nuclear Power Plant. (Photo Credit: NNSA)

Nuclear Security

- Control and protect nuclear and radioactive material and facilities from falling into the wrong hands.

Experts to test a radioactive source tracking system at an equipment fabrication facility outside Hanoi, in Viet Nam.

Safeguards and Verification

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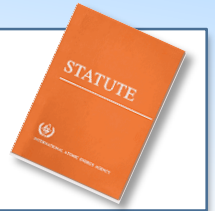
The IAEA Statute authorised the Agency to establish and administer safeguards.



To deter the proliferation of nuclear weapons, IAEA provides:

- Early detection of the misuse of nuclear material or technology.
- Credible assurance to the international community that States are honouring their safeguards obligations to use nuclear material and other nuclear-related items subject to safeguards only for peaceful purposes.

Seals: Checking the Dates When the Seal Was Opened and Closed.

Swipe Check: Collecting and Analysing Environmental Samples for Nuclear Verification

Nuclear Science and Technology

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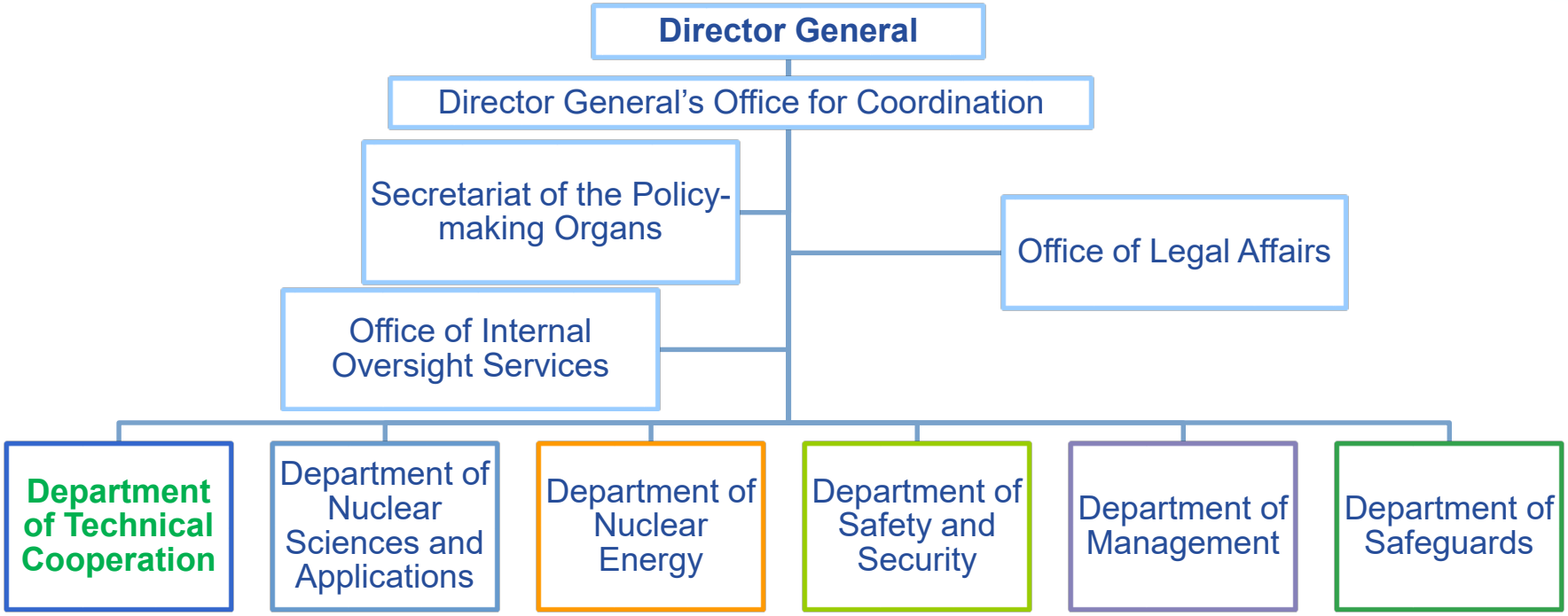
- The IAEA provides support and assistance to over **140 countries/territories** including **35 least developed countries**
- **The IAEA´s Technical Cooperation Programme** serves as a major vehicle for the transfer of nuclear science and technology to all Member States

IAEA makes direct contributions to **9 out of 17 Goals** through nuclear science and technology

TC Strategic Goal

To increasingly promote tangible socio-economic impact by contributing directly in a cost-effective manner to the achievement of the major sustainable development priorities of each country.

IAEA Organizational Structure



Technical Cooperation Department

- Interface between Member States and the Secretariat
- Management of TC programme in cooperation with technical Departments
- Vehicle to support programme implementation and monitoring across the IAEA

What services does the TC Programme provide?

Training fellowships & scientific visits

Equipment & materials

Capacity building

Networking

Knowledge sharing

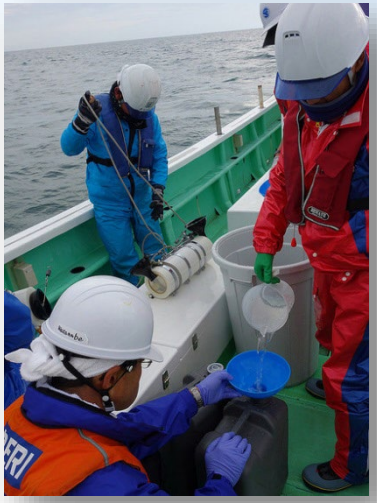
Partnership building

TC Programme aims to support sustainable socioeconomic development in Member States

Technical Cooperation (TC) Projects

Training courses & workshops

Expert assistance



Conferences, symposia & seminars

Contributing to Sustainable Development

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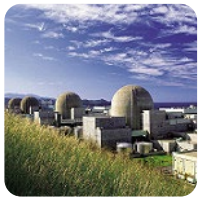
Water & Environment

Energy



Health & Nutrition

Food & Agriculture

Radiation Technology

Safety

Knowledge Management

Where do we work? (2017)

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National TC Projects

- Need/country driven
- Address problems/needs at the national level
- Build on or establish infrastructure
- May involve more than one counterpart / institution

Regional TC Projects

- Build on existing national infrastructure
- Address problems/needs at the regional level
- Promote Technical Cooperation among Developing Countries (TCDC)
- Mainly targeting human resource development
- Create links between regional institutions
- Aim to share information / expertise and experience

Interregional TC Projects

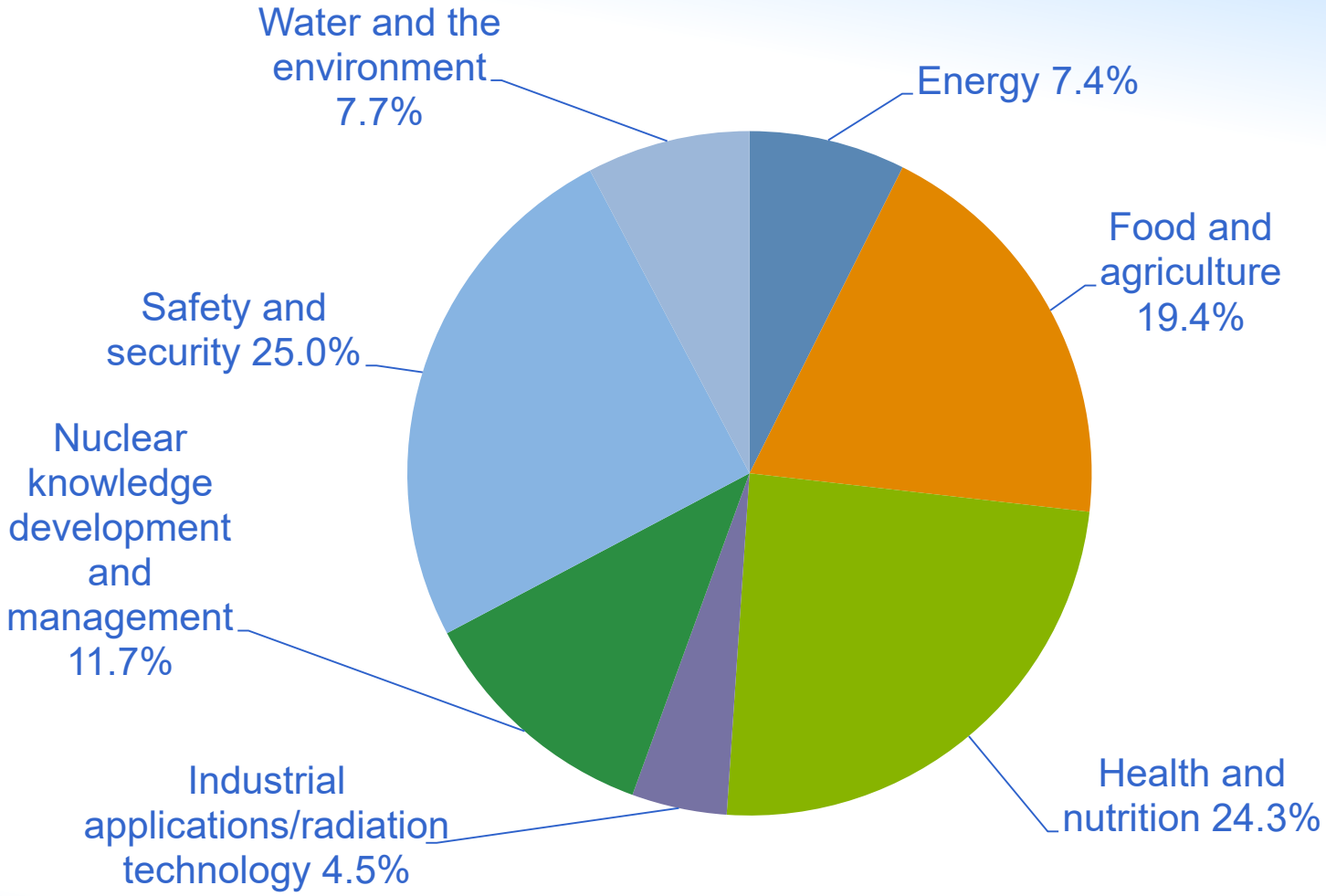
- Address problems / needs of several states in different regions
- Address transboundary issues
- Transregional, global, capacity building
- Deliver support across national and regional boundaries
- Small number of projects
- Mainly targeting human resource development

Contributing to sustainable development: cancer

PACT supports IAEA Member States in integrating radiotherapy into a comprehensive cancer control programme through:

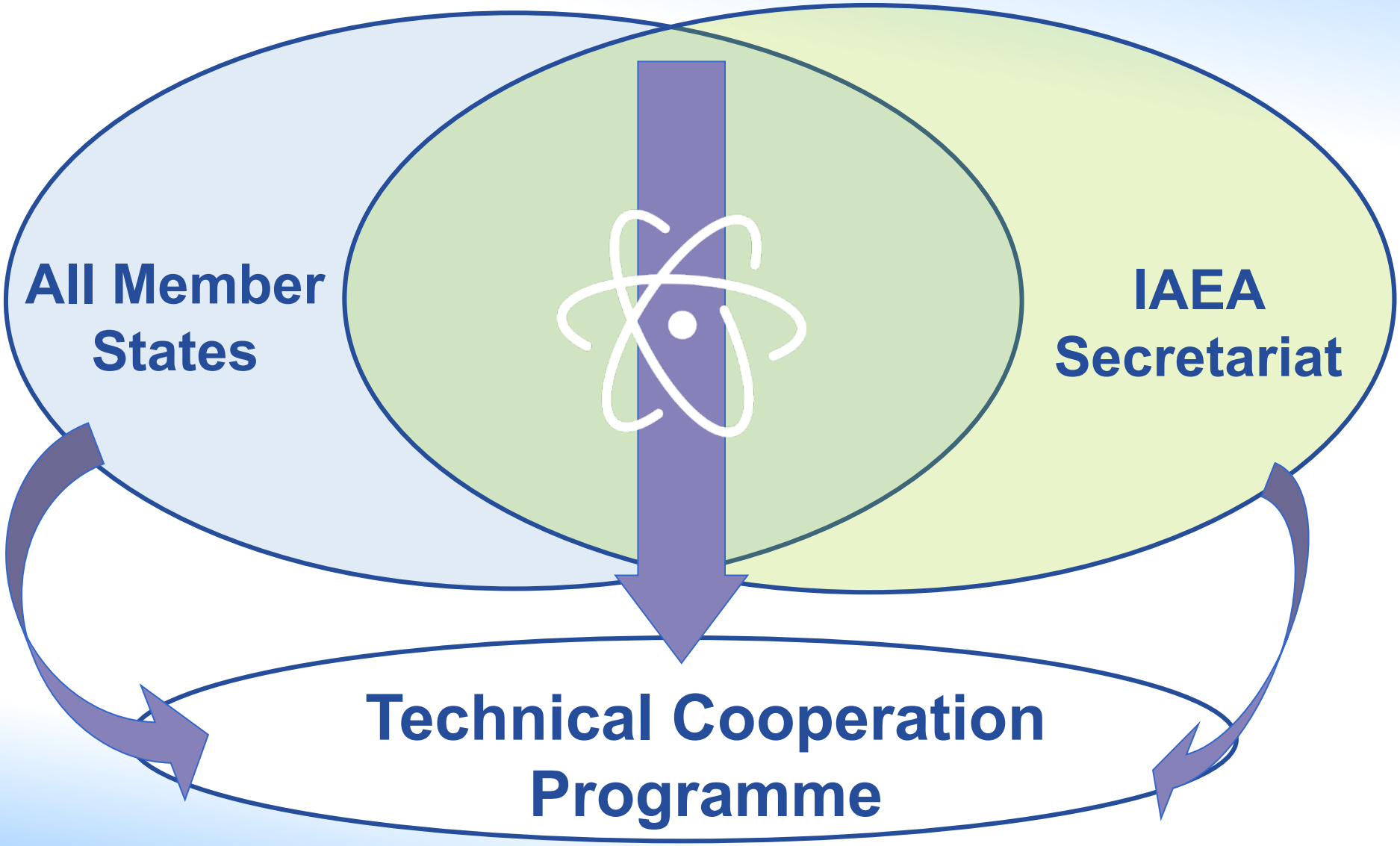
- Assessing national cancer control capacities through impact and follow-up activities
- Supporting resource mobilization for cancer related activities
- Partnerships building to support the implementation of cancer related TC projects
- Other relevant activities

TCP 2017 actuals by programme area



144 countries & territories	807 active projects at year's end	Implementation rate: 86.3%	€ 85 023 445

A shared responsibility



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Technical Cooperation Programme

Technical cooperation: delivering results for peace and development