



**The Abdus Salam
International Centre for Theoretical Physics**



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How does the IAEA work? How to Work with the IAEA?

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How does the Agency work?

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IAEA

International Atomic Energy Agency

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The International Atomic Energy Agency



General Information

The Agency was established in Vienna **in 1957.**

It has a mandate to accelerate and enlarge the contributions of **atomic energy to peace, health and prosperity** throughout the world.

Agency at glance (1) (as of 31 December 2010)

151 Member States

53 years of service

2338 staff

€304 million regular budget

€62.1 million extra budgetary contributions received in 2010

\$85 million target in 2010 for voluntary contributions to the Agency's Technical Cooperation Fund

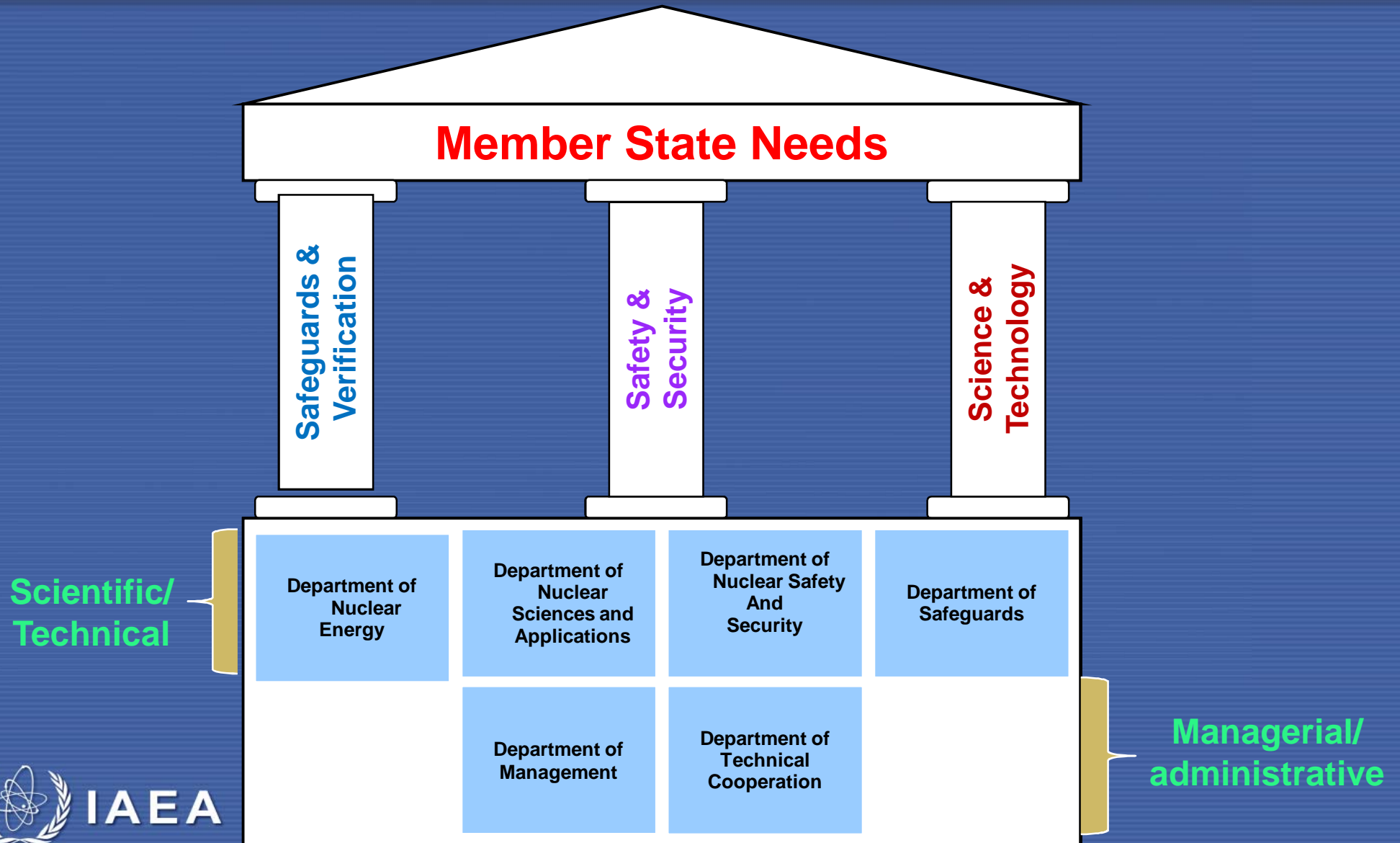
2 liaison offices (in New York and Geneva) and 2 safeguards regional offices (in Tokyo and Toronto)

2 international laboratories (Seibersdorf and Monaco).

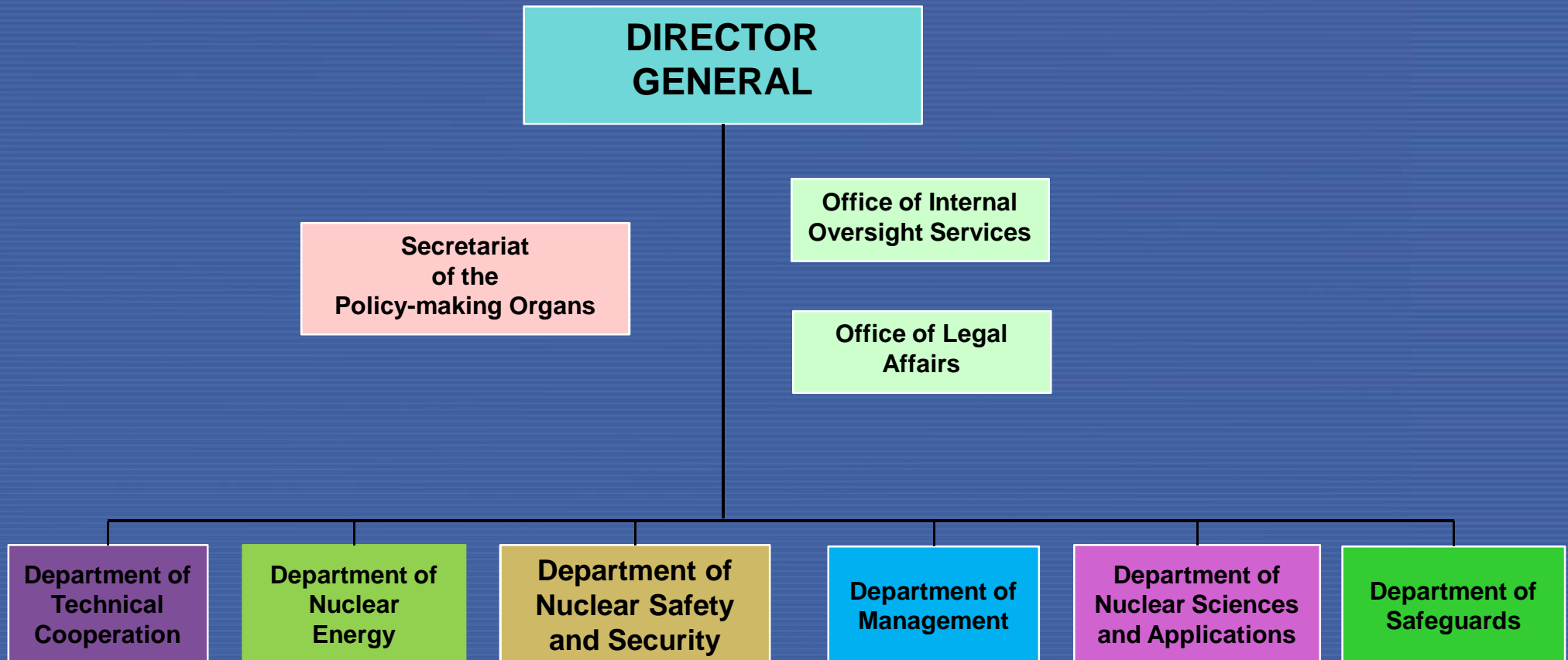
Policy Making Bodies

- ❖ General Conference
- ❖ Board of Governors
- ❖ Member States

The Pillars



Structure: Organizational Chart



Programmatic Structure

MAJOR
PROGRAMMES

Programmes

Subprogrammes

Projects

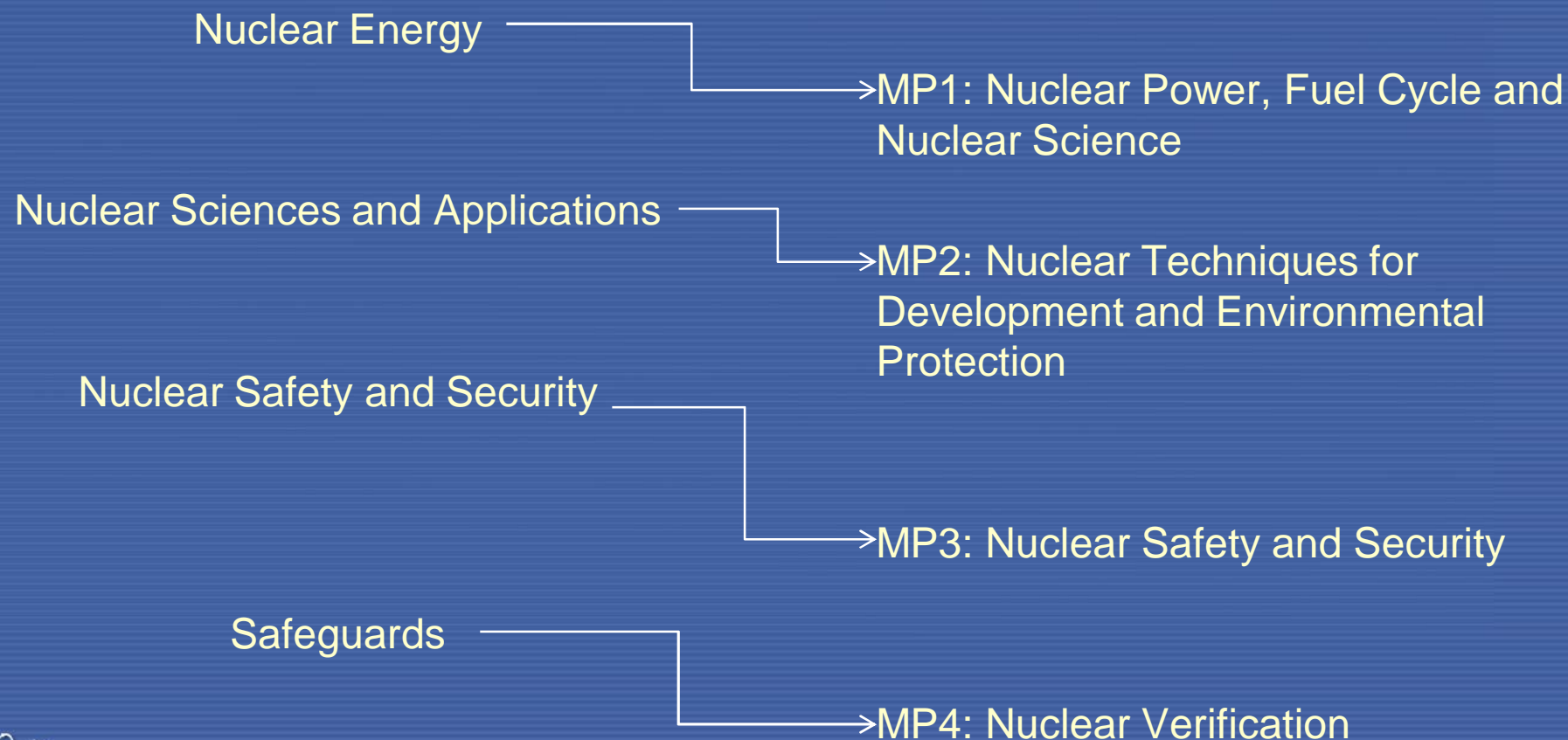
Tasks

Activities

Organizational vs. Programmatic Structure

Departments

Major Programmes



Financing of the Agency

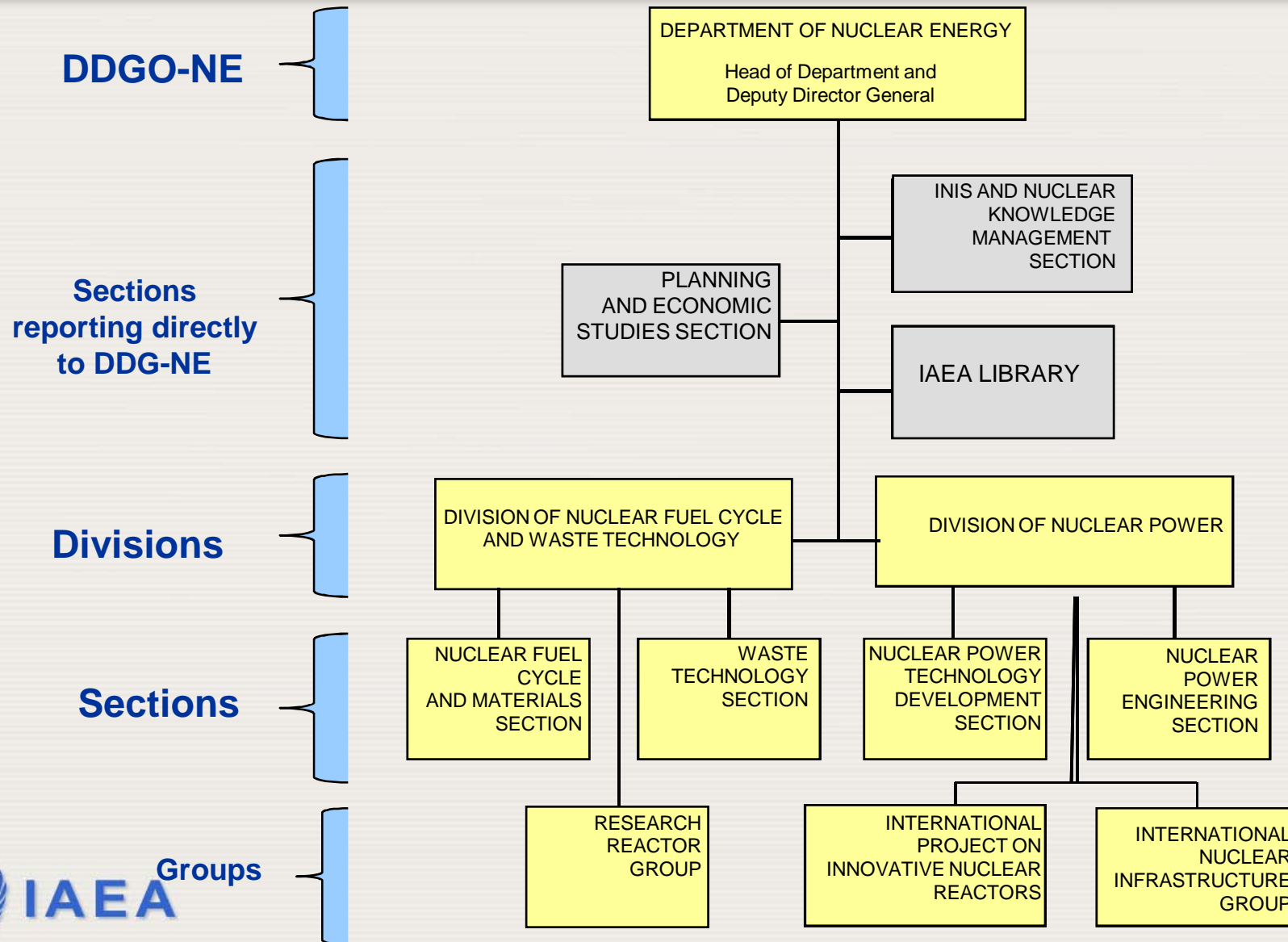
- ❖ **Regular Budget** (scale used by UN to assess contributions from its Members is adjusted to Agency scale (scale of assessment). The Agency's Regular Budget is divided into a safeguard component and a non-safeguards component.
- ❖ **Technical cooperation fund (TCF)** – Voluntary contributions based on the scale from UN and adjusted to Agency purposes. Developed countries make pledges, developing countries pay a certain percentage to the fund (the so-called National Participation Costs)
- ❖ **Extrabudgetary resources**: Voluntary contribution from Member States to a Regular budget project for which not funding is available or for TC Note projects (unfunded).



Department of Nuclear Energy

Fostering sustainable nuclear energy for the future

Department of Nuclear Energy (NE)



Advisory Bodies - NE

**Standing Advisory Group on Nuclear
Energy (SAGNE)**

**13 established Technical Working
Groups (TWGs)**

MP1: Nuclear Power, Fuel Cycle and Nuclear Science

Programmes: 4

Subprogrammes: 19

Projects: 54

MP1: Nuclear Power, Fuel Cycle and Nuclear Science

- ❖ Nuclear Power
- ❖ Nuclear Fuel Cycle and Materials Technologies
- ❖ Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development
- ❖ Nuclear Science

Programme/subprogramme/ projects/tasks/activities

1.1(A) Nuclear Power (P)

1.1.1(A.1) Integrated Support for Operating Nuclear Facilities (SP)

1.1.1.1(A.1.01) Engineering support for design, operation, maintenance, and plant life management for safe long term operation (p)

1.1.1.1/01 Develop, review and revise as needed: Safety Standards related to safe long term operation (SALTO)

1.1.1.1/02 Conduct long term operation Safety Review Services including preparation and follow-up (including assistance missions)

1.1.1.1/03 Develop and update guidance and provide support to Member States in the area of plant life management, ageing and obsolescence

1.1.1.1/04 Develop and update guidance and provide support to Member States in the area of refurbishment outage, maintenance, and inspection activities

1.1.1.1/05 Develop guidance and provide support to Member States in the area of modernisation and upgrading of instrumentation and control (I&C) systems and components

1.1.1.1/06 Develop and update guidance and provide support to Member States in the area of advanced construction and commissioning...

Tasks./
activities

Services and advice to Member States

- ❖ HR development & NKM
- ❖ Advanced Reactor Database
- ❖ Nuclear Infrastructure Review
- ❖ Energy Modelling
- ❖ Uranium Production Site Appraisal
- ❖ I & C Systems Review
- ❖ Information Exchange & Networks and Coalitions
- ❖ Fuel or Radioactive Source Repatriation

NE Databases/Publications

- ❖ Databases
- ❖ Publications
 - ❖ NE Series
 - ❖ Technical Documents
 - ❖ Books
 - ❖ Standards and guides
 - ❖ Fact Sheets
 - ❖ Newsletters

Resources

Staff: < 200 staff members

Regular budget: ~~€~~32 200 000 in 2011

Extrabudgetary funds:~ €20 000 000

Implementation of the Programme

- ❖ International conference and symposia
- ❖ Technical Meetings
- ❖ Training Meetings and Workshops
- ❖ Research Coordinated Projects

International Conferences and Symposia (CN)

- ❖ Every two years the Director General approves a list of major meetings.
- ❖ No limit on the number of participants.
- ❖ Proceedings are published.
- ❖ Open to the public.
- ❖ Finance from the Regular Budget (sometimes also from EB).
- ❖ Financial support for selected participants.



Technical Meetings (TMs)

- ❖ Approved by the Director General annually.
- ❖ Participation of experts will depend upon the nature of the TM
- ❖ Number of participants restricted to those invited.
- ❖ Reports are not necessarily published.
- ❖ TMs are not open to the public.



Training courses, seminars and workshops (TRs)

- ❖ Each TR has a faculty and an audience.
- ❖ Selection of participants is targeted towards trainees with a need to develop new competencies.
- ❖ Lecture material is published .
- ❖ Proceedings are not normally published.

Capacity Building for Sustainable Energy Development

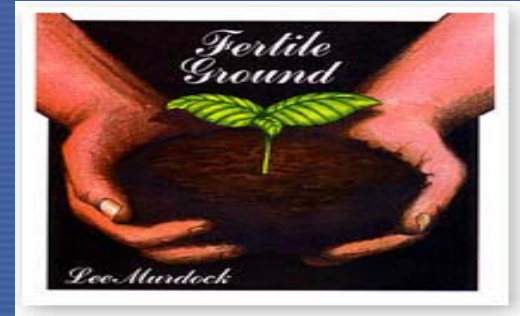


Programme of Coordinated Research Activities



Coordinated Research Project (CRP) (1)

Create fertile ground



Focus on well-defined areas

Exchange knowledge, experience and ideas



Coordinated Research Project (2)

- ❖ 15 scientific institutions for the project.
- ❖ research is conducted in their own countries,
- ❖ Meet at least 3 times during the course of the CRP (RCMs)
- ❖ Annual reports to be submitted

Types of contractual arrangements:

- ❖ Research contracts
- ❖ Research agreements
- ❖ Technical contracts
- ❖ Doctoral contracts

PARTICIPATION (1)

International Conference and symposia

- ❖ 12 months before a CN, Agency sends to MS a packet consisting of covering Note Verbale, Information Sheet, Participation Form, Submission or a Paper and Grant Application. The announcement is placed in IAEA.org.
- ❖ Member States are invited to designate participants and to submit scientific contributions
- ❖ Designation can only be accepted when received through official channels.

PARTICIPATION (2)

Technical, Training Meetings and Workshops

Agency starts the process and sends invitation to Member States through Permanent Missions in Vienna.

Member States designate participants and send request for financial support.

PARTICIPATION (3)

CRP

Every year the IAEA sends its Annual Information Circular to MS inviting submissions of research proposals.

Research institutions submit proposals to the Research Contracts Administration

Links to information

Meetings on Atomic Energy:

<http://www.iaea.org/cgi-bin/maeps.page.pl/search.htm>

Coordinated research activities - IAEA

<http://www-crp.iaea.org/html/role.html>

Building a successful and sustainable relationship



