



CENTRO DE INVESTIGACIONES ENERGÉTICAS, MEDIOAMBIENTALES Y TECNOLÓGICAS

CIEMAT

Legal Profile

Configuration

CIEMAT is a Public Research Institution attached to the Ministry for Science and Technology through the General Secretariat of Scientific Policy.

It is ruled by :

A Governing Council whose president is the Secretary of State of Scientific and Technological Policy.

A Management Structure run by the Vice-President and General Director.

Also counts with Groups of Experts which collaborate on the strategic orientation of activities.

Mission of CIEMAT

(Research Centre in Energy, Environment and Technology. Ministry of Science and Technology)

CIEMAT has the mission of promoting and carrying out research and technological development projects in the fields of Energy and Environment. These activities must be in the international vanguard of science and technology and keep a close connection with other research groups with similar objectives.

As a technological research centre must be the link between basic research, mainly performed in the academic world, and the national industry. Thus, the results must be capable of be transferred to the industry in order to generate the necessary knowledge to acquire and incorporate technology in the most economic way and with the minimum environmental impact.

CIEMAT must have the capacity to act as an adviser to the national authorities in the fields of technology and energy strategy.

Operation

CIEMAT works, mainly, under the formula of research under contract.

Research work under contract has the following characteristics:

a) Definition of the projects.

The research work is carried out around specific projects, directed essentially towards the attaining of actual results.



Projects are defined both by researchers and, where appropriate, by "the client", and are approved by CIEMAT.

b) Financing.

These projects are financed by public organisations, private companies or CIEMAT itself.

c) Checking

A close and efficient checking of the projects in terms of definition of objectives, fulfilment of budgets, attaining of aims, etc. is carried out.

d) Ownership of the results.

Depending on the contract, the ownership of the project results may be shared between CIEMAT and the client. Clients may have the sole right to use the results of the project.

e) Confidentiality.

It is established in the contract.

Fields of Activity

The CIEMAT projects are directed to:

Improve the efficiency and environmental quality of Fossil Fuels.

Make progress in the safety of the Nuclear Fission Energy.

Demonstrate the role of the Nuclear Fusion as an alternative energy with a future.

Increase the competitiveness of Renewable Energies in the Energy market.

Contribute to implant the objectives of Environmental Quality which are compatible with industry and the necessary technical solutions.

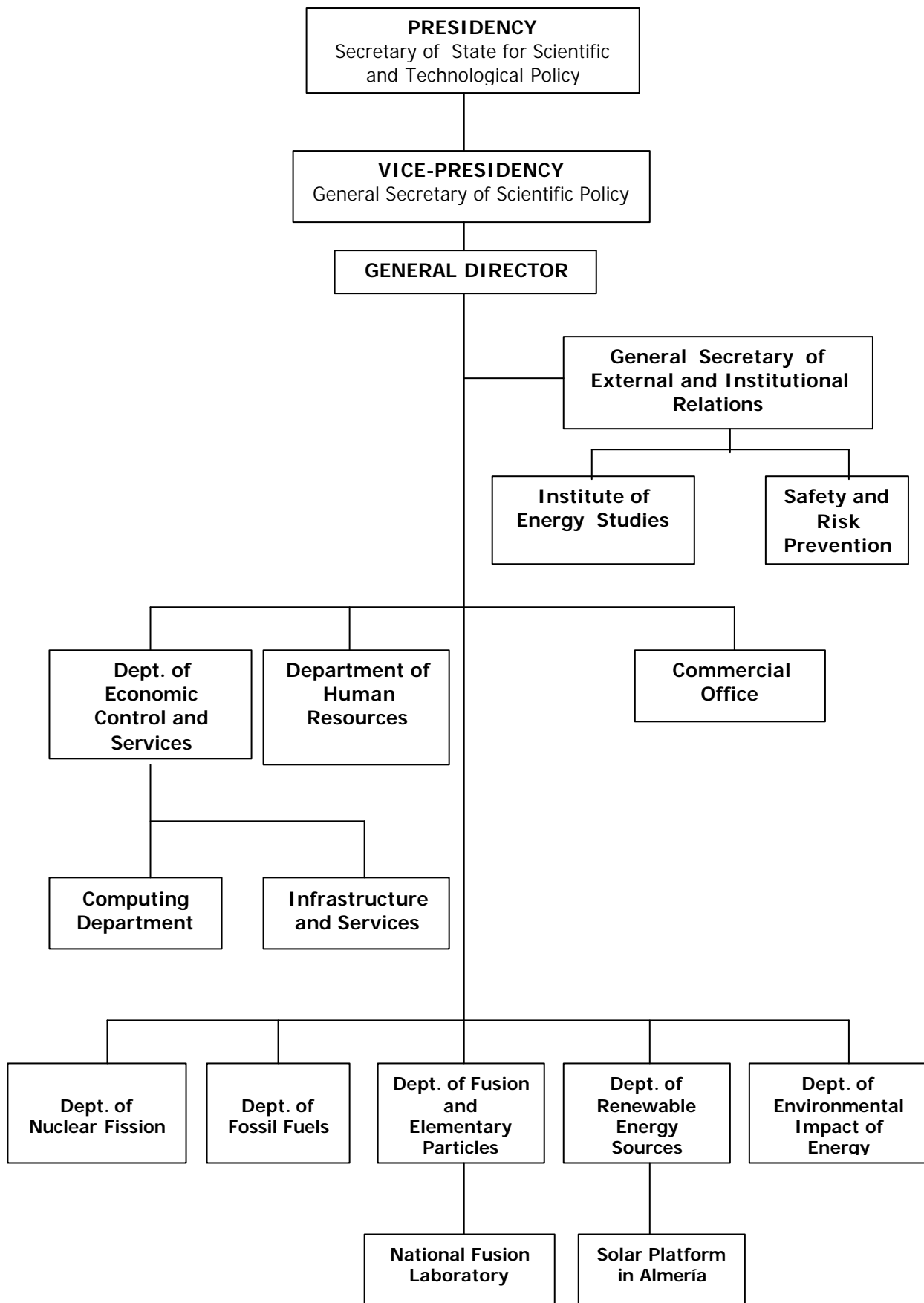
Activities

- Basic research. Of a strategically character, to acquire knowledge.
- Applied research. Of a strategically character, to generate new technologies.
- Technological development. To develop and transfer technology.
- Testing and certification. Mainly of a commercial character.
- External services. Of a commercial character.
- Training and Education. To improve the professional qualification of the research teams.

Output Indicators

- Basic research: Articles in important international magazines, congress communications, etc.
- Technological research: Patents, procedures, etc.
- Technological development: Agreements, contracts, prototypes, etc.
- Testing: Income, clients.
- External services: Income, clients.

ORGANIZATIVE CONFIGURATION OF CIEMAT





GENERAL DATA ON CIEMAT

(At 01/01/2000)

Economic Resources

COSTS IN EACH AREA FOR 1999	Millions Pta	
	Overall	Partial
Nuclear Fission	1569	
Fossil Fuels	710	
Fusion and Elementary Particles	2346	
<i>National Fusion Laboratory</i>		1617
<i>Other Areas</i>		729
Renewable Energies	2057	
<i>Solar Platform in Almeria (PSA)</i>		705
<i>Other Areas</i>		1352
Environmental Impact of Energy	2265	
Training and Further Studies	258	
Chemistry and Electronics	496	
TOTAL	9701	

BREAKDOWN OF 1999 COSTS	Millions Pta	%
Personnel	5672	58
Current Account and Services	2211	23
Membership Fees	55	1
Infrastructure	1686	17
External Transfers	77	1
TOTAL	9701	100

SOURCES OF INCOME IN 1999	Millions Pta
Preliminary State Budget (PSB)	7277
R&D income generated from PSB	881
Commercial Operations	90
Extra-budgetary Account of EURATOM- -CIEMAT Association	646
Spanish-German Agreement (PSA)	358
CIEMAT-ENRESA Association	449
TOTAL	9701



Human Resources

WORKFORCE	31/12/1999
Functionaries:	
· With Higher Degree (A)	126
· With Lower Degree (B)	44
· Clerks and Technicians (C)	132
· Auxiliary Personnel (D)	85
· Support Personnel	4
Sub-total	391
Permanent Staff:	
· With Higher Degree	179
· With Lower Degree	21
· Non Graduate	380
Sub-total	580
Temporary Staff:	
· With Higher Degree	148
· With Lower Degree	8
· Non Graduate	10
· Supply Staff	5
Sub-total	171
Personnel on Practice:	
· With Higher Degree	25
· With Lower Degree	-
· Non Graduate	28
Sub-total	53
Grant Recipients:	31
TOTAL	1226



DISTRIBUTION OF PERSONNEL BY ACTIVITIES	%
Technical Departments	58
R&D Support	11
Security and Risk Prevention	3
Institute of Energy Studies (IES)	2
Radiological Protection Service	2
Maintenance and Works	3
General Services	3
Management	18
TOTAL	100

General Co-ordinates

Name : **CIEMAT**
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