



Forest Research Centre (INIA-CIFOR)



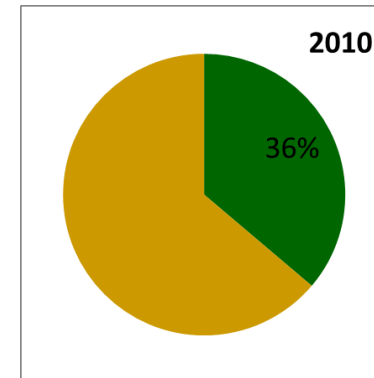
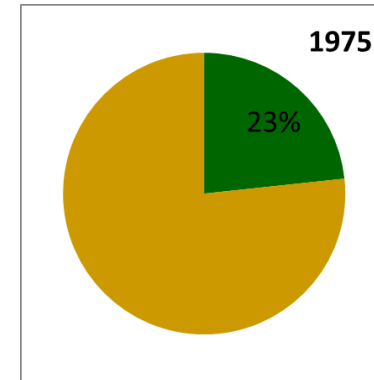


Forests in Spain: 18.3 million ha (and growing)



Fuente: MAGRAMA (2011)

Figura 7: Superficie forestal en España, según el MFE3



Area +50%
Stocks +100%

Forest Research Centre

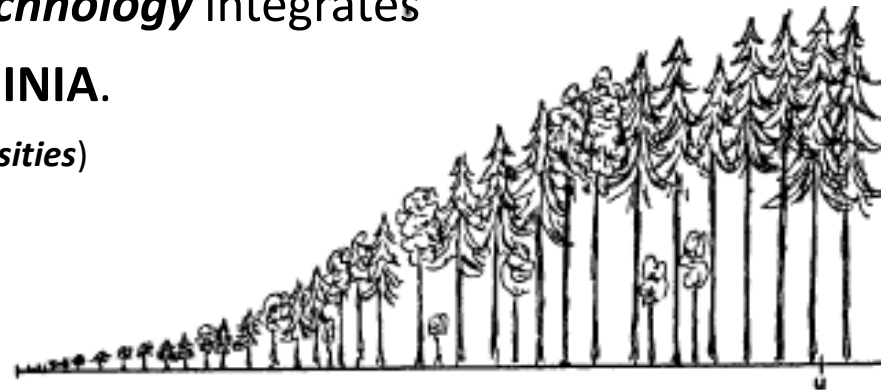
INIA-CIFOR – a century in forest research

1907 Foundation as *Central Institute for Technical Experimentation in Forestry*.

1929 Renamed as *Institute for Forest Research and Experimentation (IFIE)*.

1971 Joining the *National Institute for Agricultural and Food Research and Technology (INIA)* as *Forest Research Centre (INIA-CIFOR)*.

2000 The new *Ministry for Science and Technology* integrates
National Research Institutes, such as **INIA**.
(current *Ministry for Science, Innovation and Universities*)



CIFOR – Functions

- **Research, technological development and innovation,**
- **Teaching and training,**
- **National and international cooperation,**
- **Services, technological support and advice** for government, public administration, associations and enterprises (on contract or agreement base),
...on forests, forest products and services.

**Priority for research and diagnostics
as support for governmental politics**

CIFOR – Mission and vision

- R** To generate scientific knowledge of excellence about forests, forest ecology, multifunctional forest management and forest products and services,
- &
- D** To contribute to the advance of the forest sector, its competitiveness and the rural development,
- &
- i** To provide solutions demanded by the society from forest and forest managers.

CIFOR - Forest Research Centre

3 Departments

Forest ecology
and genetics

Forest dynamics
and management

Forest Products

9 Research Groups

Populations genetics and evolution

Forest dynamics & management

Wood and cork technology

Genomics of forest species

Forest fires

Cellulose and paper

Functional ecology of forest species

Forest monitoring, sustainable manage. & global change

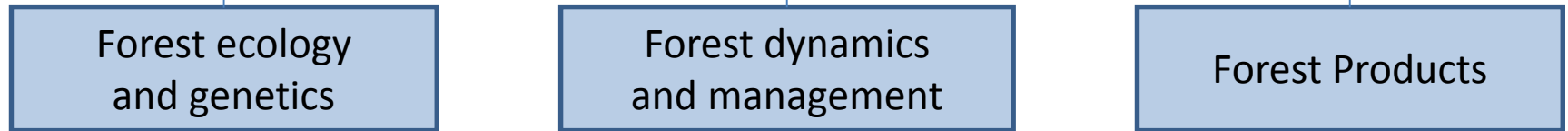
Forest pathology

Plantation forestry

30 Researchers

CIFOR – Scientific collaborations

3 Departments



iuFOR Sustainable Forest Management Research Inst. (U. Valladolid)



INAGEA Inst. Agroenvironmental Research and water economy (UIB)



JRUs with universities, technological centres, and research stations

CIFOR - Forest Research Centre

3 Departments

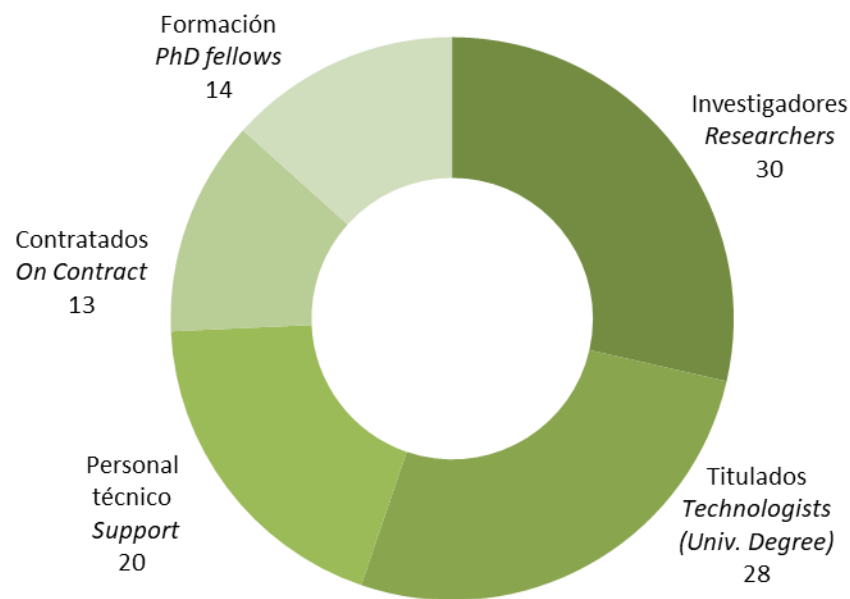
Forest ecology
and genetics

Forest dynamics
and management

Forest Products

77 staff members, 28 on contract

- 30 Researchers
- 28 Graduated technologists
- 20 Support technicians in staff
- 13 Project-funded contracts
- 14 PhD candidates



CIFOR – Research infrastructures

Laboratories

- Cellulose and paper
- Structural wood (ISO 17025)
- Wood physics
- Wood protection
- Forest Chemistry
- Molecular analysis
- Ecophysiology
- Ecology.
- Biometry and forest growth
- Dendrology
- Forest pathology
- Forest fires
- Geographic Information systems



Experimental Sites

- *Climatic Chambers / Phytotrons / Greenhouses*
- *GENFORED- Forest Genetic trial network.*
- *SEGEFORS- Landscape laboratories for sustainable forest management.*

CIFOR – R&D Activities (2018)

R&D projects

28 Spanish R&D projects (1.5 million €/2018).

7 European R&D projects (0.4 million €/2018).

Results

108 journal papers (103 SCI), 8 books or chapters.

3,546 citations, H index 61, NIF 2.3

Training

in MSc and PhD (Technical Univ. Madrid, U. Valladolid, U. Alcalá de Henares, U. Córdoba).

13 PhD candidates, 3 PhD Thesis finished in 2018.

Knowledge transfer, assessment, collaboration and cooperation

Contracts and agreements with administrations or enterprises (0.7 million €/2018).

Participation or coordination of Standardisation Committees, National Advisory Committees,

Research Networks, Networks of Excellence, COST actions, and international organisations (EFI, IUFRO, EUFORGEN, CGIAR-Bioversity International, EPSO, CIFOR, ICRAF).

