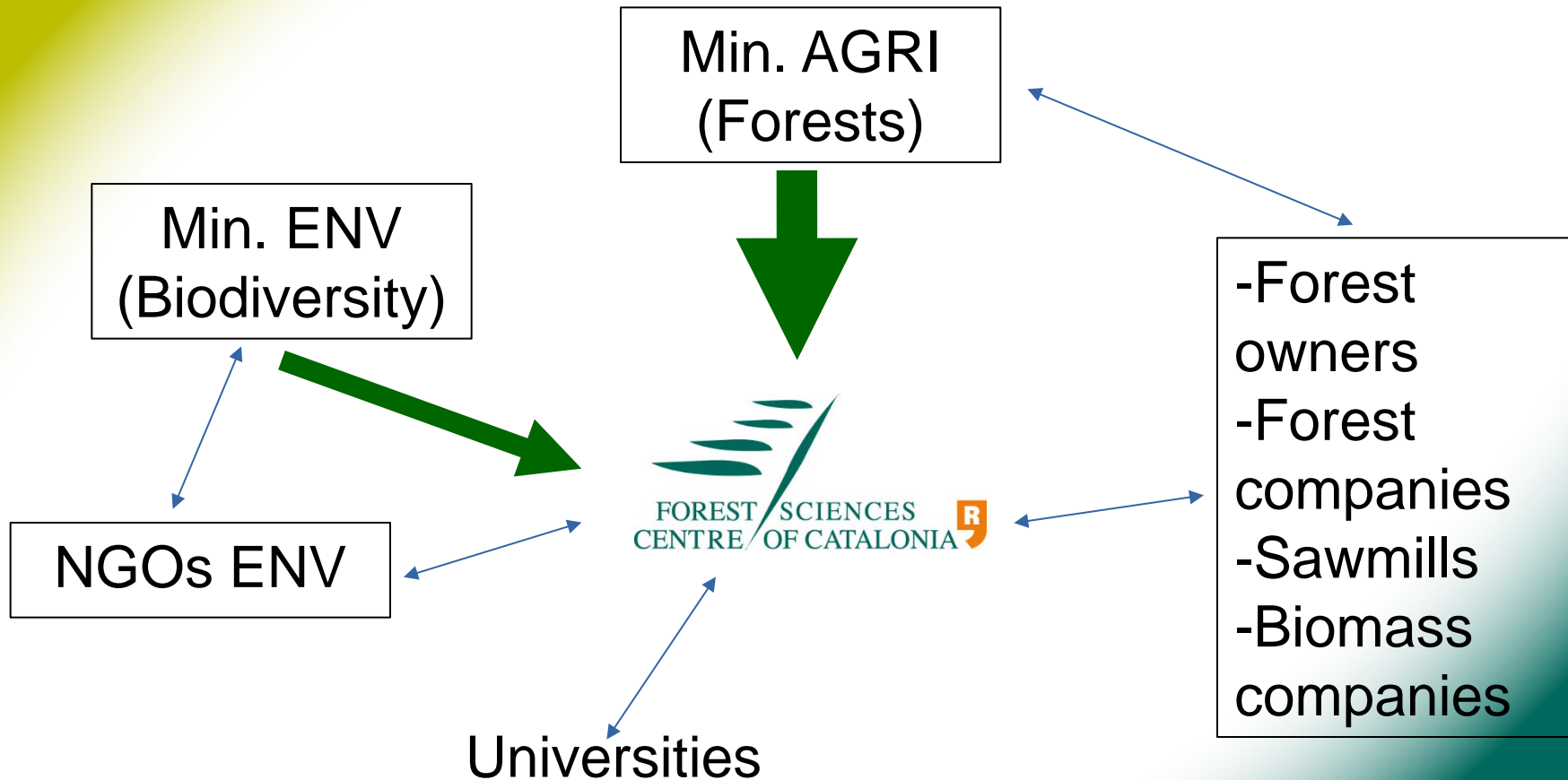


Forest Sciences Centre of Catalonia (CTFC)



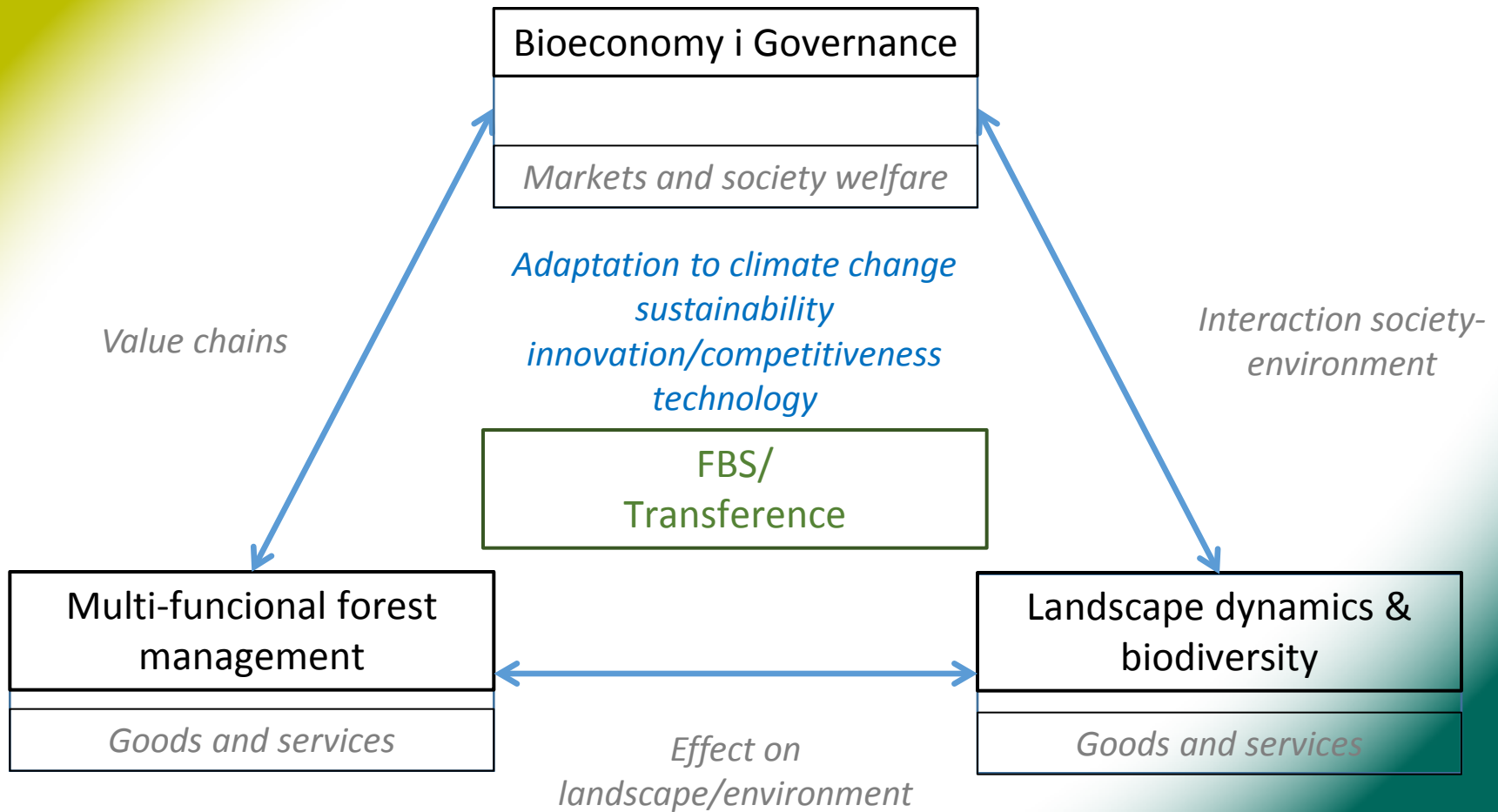




Modernization and
Competitiveness of
the **forest sector**

Rural
Development

Sustainable
Management of
ecosystems



84

People

25

Doctors

5

M€ annual
budget

70%

Self-
financed

15

Years of
international
expertise



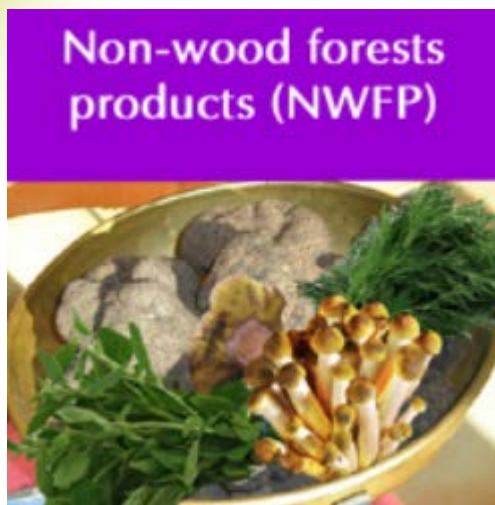


- Forest management guidelines for the adaptation of productive forests to climate change
- Introduction of forested buffers in agricultural areas with high nitrates concentration
- Forest restoration in arid areas
- Post forest-fire forest management
- Valuable broadleaves for high quality timber production
- ...

Ecosystems
functioning and
biodiversity



- Protected species monitoring
- Habitat modelling and global change scenarios
- Habitats restoration
- Compatibilisation of arid agriculture and steppic birds
- Conservation of *Tetrax urogallus*
- Conservation of *Taxus baccata*
- Ecosystems services linked to biodiversity
- ...



- Production and mycological diversity
- Mycological production into forest planning and management (mycosilviculture)
- Ecology and cultivation of the black truffle (*Tuber melanosporum*)
- Cultivation, processing and marketing of medicinal and aromatic plants
- Habitat improvement for honey production
- Co-coordinators of the European non-wood forest products (NWFPs) network
- ...

Bioeconomy and Governance



- In Catalonia: only 30% of the annual growth harvested; GDP local products 0.06%; GDP forest sector 1.6%
- Understand the demand and markets of emerging products (green chemistry, substitution of fossil-based products,...)
- Establish new processes and bio-products (CLT, local bioenergy systems, new products using cork, etc.)
- Study and promote the bioeconomy into the circular economy approaches; also including the agri-food sector
- Study and promote governance policies

Catalan Institute of Wood

Working lines

- R+D
- Advanced technological services
- Support programs for innovation
- Consultancy
- Promotion and spreading
- Education

Areas

- Raw materials
- Wood processing
- Construction
- Refurbishment and restoration



Catalan Institute of Wood

Featured projects

- Characterization of 15 local hardwoods and softwoods
- Woodsonics
- Unci'Plus
- IforWood
- Woodtech



La Gestion des Peuplements et la Valorisation du Bois de Pin à Crochets
La Gestión de las Poblaciones y la Valorización de la Madera de Pino Negro

