Research and Development
Uruguayan Forestry

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ForestValue
Outreach seminar 8–9 Oct 2019
Buenos Aires, Argentina
Interests for the seminar

- National research in the forestry/wood sector in Uruguay
- Options for public R and D funding
- Transnational collaboration projects
Forest research - status quo

- Forest Dept. (Agronomy School) - 1963
- Forest Projects Dept. (LATU) - 1965
- Forest General Direction (MGAP) - 1966
- Forestry Program (INIA) - 1992
- LATITUD (LATU) - 2017
- ...and a lot of correlated Research Institutions
Forest research - status quo

- Tree Breeding
- Pest and diseases
- Forest management, modelling
- Forest soils, water
- Forest physiology
- Wood technology, biomass
- Biodiversity
- ...and many other disciplines (not specific forests science's)
Subject matter

How to characterize the forestry sector

- **Regions.** There are 3 with different bio-geographic characteristics. North, West (or Littoral) and Southeast
- **Sub-Sectors or value chain.** pulp, lumber, native-forests
- **Business ecosystem.** Few big integrated companies, many TIMO’s and many forestry farmers
- **Institutions.** All former forest-related institutions exists. Research, unions, government, NGO’s
Solid wood (Pinus & Eucalyptus)
Solid wood (Pinus)
Pulpwood (Eucalyptus)
Solid wood and Pulpwood (Eucalyptus)
Pulpwood (Eucalyptus)

pinus
eucalyptus
native forests
forests soils
Subject matter

Meat 1,696
Milk 568
Rice 433
Soya 865
Options for public R and D funding

- ANII (National Agency for Research and Innovation)
- LATU - LATITUD
- INIA
- CSIC (Sectorial Research Commission- UdelaR)
- Ministries (Agriculture, Environment, Industry)
- Specific Programs or Projects (PNUD, IABD, WB, GEF, etc)
Transnational collaborations projects (and programs)

- **Procisur** (Argentina, Bolivia, Brazil, Chile, Paraguay y Uruguay)
- **FONTAGRO** (Latam & Spain)
- **IICA** (Inter-American Institute for Cooperation on Agriculture)
- **CyTED** (Latam & Spain)
- **ANII+** Canada, Nederland, Israel, Austria, Argentina, UK, Australia, Germany, Chile, Brazil, Finland, etc.
- **Consortia & Cooperatives** (IPEF, SIF, FNC, CAMCORE, etc.)
Some challenges...

- From a biological point of view: to contribute significantly for a good forest health status
- From a forestry point of view: to improve the silviculture management (incl. diversification) and to provide public genetic resources
- From a sectorial point of view: to aggregate and generate information for future scenarios; to develop technologies for SME’s
- From an environmental point of view: to understand the role of forests in soil, water, carbon and climate dynamic
- From a social point of view: to ensure a right information as support for the public opinion and the political decisions
Thanks for your attention!

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