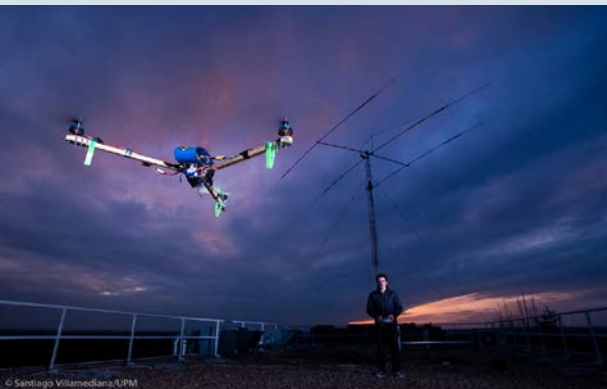


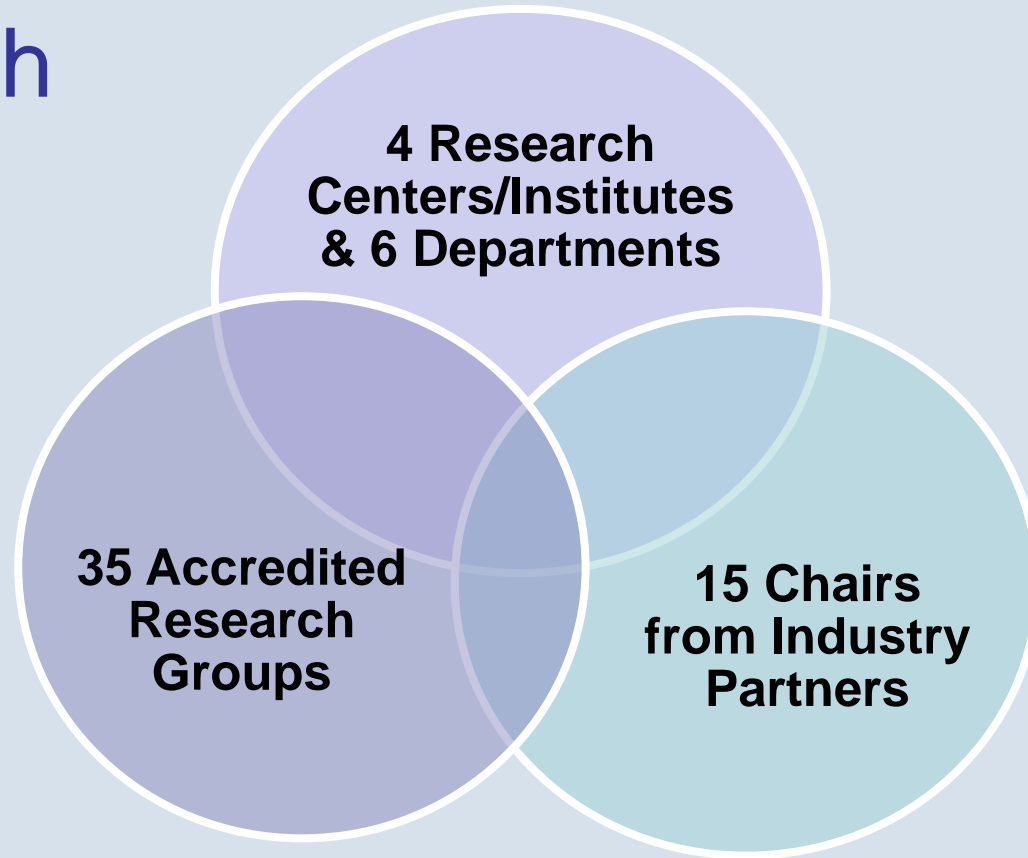
# R & D at ETSIT-UPM

Broadly speaking, we aim at:

- contributing actively to technological knowledge generation & transfer through research and innovation...
- ... within a school that educates professionals in the areas of Telecommunication Engineering and Biomedical Engineering with a sound knowledge of ICTs.



# Research Units



# Overview

Institutes/Centers + Departments + Groups + Chairs

~350 national/internat. RDI projects (public & private funding)

Broadly, 20-25% of UPM RDI funds come from ETSIT-UPM



Historically, these Centers/Institutes/Groups emanate from our Departments:

- 6 Departments:



*Signals, Systems and Radiocommunications*

*Telematics Engineering*

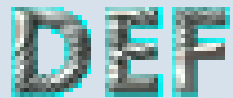


*Electronic Engineering*



Departamento de  
Tecnología Fotónica  
y Bioingeniería  
Universidad Politécnica de Madrid

*Photonic Technology and Bioengineering*



*Phys. Electronics, EE and Applied Physics*

*Mathematics for ICTs*



- 2 Departmental Sections:

- Organization Engineering, Business Administration and Statistics
- Linguistics

# Research Institutes and Centers

- 4 Research Centers or Institutes located at ETSIT:
  - Solar Energy Institute, **IES**
  - Institute of Optoelectronic Systems and Microtechnology, **ISOM**
  - Center for Advanced Materials and Devices in ICTs, **CEMDATIC**
  - Information Processing and Telecommunications Center, **IPTC** (new, the biggest in UPM)



# Main Research Areas

- Signal Processing and Communications
- Radiofrequency Technologies
- Telematics
- Biomedical Engineering
- Electronic and Photonic Technologies
- Solar Energy and other sustainable energies
- Horizontal Technologies

