



# Universidad Politécnica de Madrid (UPM) The Technical University of Madrid

Higher education and research in all engineering fields:  
Aeronautics, Agronomy, Architecture, Energy, Forestry, Industrial,  
Mining, Naval, Informatics and Telecommunication

Javier Lopez

Head of International Research and Innovation Office

[j.lopez@upm.es](mailto:j.lopez@upm.es)

# UPM characteristics

## Spanish University

- 4.000 researchers, 200 research groups, 20 Research Centers or Institutes
- Leader in Industrial/private research projects, European Projects, Nº of Patents and start-up creation
- With long tradition in participating in EU projects (collaborative projects with industry as technology developer/applied research)
- Among main beneficiaries of Spanish Euroingenio Plan (granted in competitive calls)

# Support structure in EU programs

Since early 90s, it exist personnel (in Vice-rectorate of Research) supporting researchers in the management of EU projects (contracts and justifications of costs)

Thanks to Euroingenio (Eurociencia), we create in 2007 a new structure (European Projects Office) covering pre- and post-award. Benefits of the funding:

- New Personnel contracted
- Increasing of operating costs (travels, training, consultancy,...)
- An internal Strategic Plan for our participation in EU programs (Ministry funded depending on institutional objectives (€) and their fulfillment)

# UPM participation in Framework Programs

2007

Euroingenio



SIXTH FRAMEWORK  
PROGRAMME

25M€ in total  
6,25 M€ per year



SEVENTH FRAMEWORK  
PROGRAMME

83M€ in total  
12 M€ per year



47M€ until now  
12 M€ per year

Since the creation of International Office (thanks to EuroIngenio) UPM has duplicated its EU funding

Team of 14 persons managing 100 projects and 250 proposals by year). Structured in two units:

### Pre-Award

Information on programs and calls

Training

Institutional representation

Support for proposal building and searching for opportunities

### Post-Award

Contract management

Consortium Agreement support (IPR, background, foregrounds rights, publication rights...)

Justification of costs

Audits

## Some tips for success

- There must be a clear Institutional Strategy for Internationalisation of Research: use initially external resources to co-finance the new supporting structure, but with the intention to consolidate it in a near future.
- Dedicated different staff for each group of activities (Pre/Post)
  - Administrative task are always more demanding and urgent
  - Different profiles: Promotion/Commercial activities Vs Management/Administrative activities
- Dedicate time to pre-pre award: positioning and marketing UPM (representing the institution defending all groups and researchers)
  - Among National Admin.(NCP), EU Commission, Industry
  - Search for opportunities and new initiatives (PPP/JTI) to position UPM among the proposers and founders
- Structure Pre-Award in Programs (get knowledge of the rules/responsible/participants of each program)
- Structure Post-Award in Activities (Contract management, Consortium Agreement support, justification of Costs,...)

## Other CDTI supporting programs

UPM was awarded by Service contrat with CDTI (through open call) to involve New Spanish industries in EU projects:

**So far we have get 2M€ for new comers in H2020: mainly SMEs**

As H2020 is more and more focussed in Innovation this tool incentivate us in collaborating in EU projects with national industry for validating (and exploiting) our research results.

## Other CDTI supporting activities

CDTI co-finance since 2007 a Post-graduate studies in “Promotion and Management of International Research Projects” managed by UPM European Office

15 ECTS (“Expert title”)

168 lecture hours (including practical exercises as to build a proposal for a specific open call)

40 students each year, selected according to the ambition of the FP participation of the institution they work for

**in 8 editions we have trained more than 300 new professional experts in EU programs working for the Spanish research system**



# Studies for “Expert in Promotion and Management of European R&I Projects”

## Structure:

- M1: The European Union: evolution and its science and technology systems
- M2: The European Framework Program (H2020)
- M3: How to build and write a successful H2020 collaborative proposal
- M4: Management and administrative issues of FP projects
- M5: Support structure for the participants
- M6: Other European Research and Innovation Programs (ESA, COST, LIFE, Interreg, Eureka, COSME, Art 185,...)

Teachers: National Representatives, EC officers, experts from successful FP beneficiaries, UPM researchers and EU Office staff