

## JOB OFFER

### "Contrato por obra o servicio con cargo a proyectos de investigación" \*

*Temporary contract for a specific project or service charged to Research projects \**

Madrid, ...9 .....September.....21.. Day/Month/Year

1. **Profile** (select):

Research

I+D Management

2. **Professional category:**

POSTGRUADO NO DOCTOR

3. **Task to be develop:**

(to be included in the contract)

Preparation of economic-financial models and development of debt financial instruments based on photovoltaic risks (green bonds) and EAFRD financial instruments to support the introduction of the technology (ex-ante analysis). Analysis and validation of projects from the financial point of view, including the preparation of stochastic models to estimate the risks of the projects and their aggregation as collateral for debt instruments (securitization). Development and implementation of protocols and tools for monitoring the financial and economic performance of projects (deviation from initial assumptions).

4. **Place of work:**

Instituto de Energía Solar - Campus Sur

5. **Address:**

E.T.S. Ingeniería y Sistemas de Telecomunicación (C/Nikola Tesla, s/n - 28031 Madrid)

6. **Working time:**

37,50 h/week (Full-time =37,5 h/week)

7. **Annual gross salary(€):**

€18.000,00

8. **Expected duration** (months)

24

9. **Expected start date:**

01-10-21

10. **Required degree:**

Master in Industrial Mathematics

11. **Required experience:**

Financial instruments development and modeling. Financial economic analysis of renewable energy projects. Knowledge of blockchain and financial mathematical models. Hyperledger Fabric for developing applications. Ability to prepare technical and scientific materials, including software, communications and publications. High level of English.

12. **Other**

(Research group, research line, special conditions, etc., deemed necessary to clarify)

Photovoltaic Systems Research Group

**Applicants must send a curriculum vitae to:**  (e-mail)

Deathline for curriculum vitae admission: Day/Month/Year 24 September 21 at 14:00 a.m./p.m. hours

NOTE: The job offer must remain published in the noticeboard of the center and/or web, during at least 10 calendar days

**Responsible Researcher:** NARVARTE FERNANDEZ LUIS -  
DNI 02621156F

Firmado digitalmente por NARVARTE FERNANDEZ LUIS - DNI 02621156F  
Nombre de reconocimiento (DN): cn=ES, o=UNIVERSIDAD POLITÉCNICA DE MADRID, ou=CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO, ou=ETIS TELECOMUNICACIONES - DPTO DE TELEMÁTICA Y ELECTRÓNICA, serialNumber=DCES-02621156F, sn=NARVARTE FERNANDEZ, givenName=LUIS, cn=NARVARTE FERNANDEZ LUIS - DNI 02621156F  
Fecha: 2021.09.09 12:17:37 +02'00'

**Stamp of the institution**

Signed: Luis Narvarte Fernández.....

[Name and surname]

**JOB OFFER AND RESOLUTION PUBLISHED in:**

**Date of publication:** Day/Month/Year .09 / .09 / .21

**Date of resolution:** Day/Month/Year .27 / .09 / .21

Noticeboard of the institution:

Web (Please indicate the complete web address and attach a screen copy:

\* There are 5 working days to appeal the resolution from the date of publication of the resolution.

Attach: signed resolution / open selection criteria, transparent and based on professional merits / composition of the selection committee (minimum 3 persons).