



## Marta Haro Larrode

Technical translator and industrial engineer

EN>ES, DE>ES, ES>EN

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### Work experience

- 11.2017- Present: Freelance technical translator English → Spanish, German→ Spanish and Spanish→ English  
Translation of technical specifications, reports, projects and documents
- 03.2016- Present: Tecnalia Research and Innovation, Bilbao (Spain)  
Research Engineer  
Simulations and validation of HVDC grid models in DIgSILENT PF software
- 08.2015- 02.2016: Academia Técnica Universitaria I+A, Zaragoza (Spain)  
Teacher  
Intensive courses in Engineering Mechanics to groups of engineering students
- 03.2015- 07.2015: DTU, Lyngby (Denmark)  
Junior Research Engineer  
Drafting of the state of the art for different technologies
- 10.2014- 03.2015: JRC Energy Systems Evaluation Unit, Petten (The Netherlands)  
Junior Research Engineer  
Drafting of energy policy reports according to simulations with corporate models
- 06.2013- 12.2013: Institute for Solar Energy Research Hamelin (ISFH), Hamelin (Germany)  
Junior Engineer  
Development of mechanical tests applied to photovoltaic modules and drafting of test protocols in English and German
- 07.2012- 05.2013: Control Centre of Endesa Electrical Distribution, Zaragoza (Spain)  
Junior Engineer  
Incident analysis in electrical substations
- 07.2011- 10.2011: CIRCE, Zaragoza (Spain)  
Junior Engineer  
Translation and review of technical specifications of R&D projects and contact with Suppliers

## **Education**

04.2016- University of the Basque Country (Spain)  
Present: PhD in Electrical Engineering

10.2011- CIRCE, Zaragoza (Spain)  
12.2013: Master in Renewable Energy

10.2010- Aalborg University (Denmark)  
03.2011: Erasmus Semester of the European Union

10.2006- University of Zaragoza, Zaragoza (Spain)  
10.2012: Industrial Engineer specialised in electrical systems

## **IT**

Trados Studio, Microsoft Office Suite (Word, Excel, Access, Power-point), AutoCAD, Visual Basic, Matlab-Simulink v2015 GAMS, R, DIGSILENT PF, Zotero

## **Skills**

Punctuality and seriousness, results-oriented person with technical specialisation in the energy sector. I have international stays in 3 different countries for a period of 2 years while I developed my professional career.

## **International Stays**

One year in Denmark (from 08.2010 to 03.2011 in Aalborg and from 04.2015 to 07.2015 in Copenhagen)

One year in Germany (from.2012 to 06.2013 in Hamelin, Lower Saxony)

Half a year in The Netherlands (from 10.2014 to 03.2015 in Alkmaar)

One month in Ireland (from 07.2003 to 08.2003 in Ballina, Co. Mayo)

One month in United Kingdom (from 07.2005 to 08.2005 in Eastbourne)

## **Publications**

Bayod-Rújula A.A, Haro M.E., Martinez-Gracia A., «Sizing criteria of hybrid photovoltaic-wind systems with battery storage and self-consumption considering interaction with the grid»- pp 582-591 Elsevier Solar Energy, December 2013

Käsewieter J., Haase F., Haro M., Köntges M., «Cracks in solar cell metallization leading to power loss under mechanical loads», Elsevier Energy Procedia, Volume 55 (2014), pp 469-477, 4th International Conference on Silicon Photovoltaics

M. Haro, Í.V.Temez, S. C. Recio, M. S. Mugica, P. E. Lopez, «Integral control of a Multi-Terminal HVDC-VSC transmission system», 2017 Twelfth International Conference on Ecological Vehicles and Renewable Energies, 2017, pp. 1-15

## **References**

Emilio Larrode (elarrode@unizar.es, +34 976 762 319)

Helma Ilse Ilg (Ilg-Mehesz@t-online.de, +49 171 9 680 072)