Julia Fernández Chozas

PERSONAL INFORMATION

Date of birth	14th October 1984
Nationality	Spanish
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EDUCATION

Apr 2010 - Mar 2013 — **Industrial PhD,** Civil Engineering Dept. of Aalborg University (Aalborg, Denmark).
PhD Supervisors: Jens Peter Kofoed and Hans Christian Sørensen.
PhD Title: "Technical and non-technical issues towards the commercialisation of wave energy converters".
Dissemination activities, delivered training and publications can be accessed at <www.juliafchozas.com/publications/>.

Jun 2011 - Dec 2011 — **Edinburgh Business School,** Heriot-Watt University (UK).
Course on **Finance** as part of the MBA Programme (20 ECTS, A grade).

Sep 2002 - Sep 2008 — **Power Systems Engineering (BSc, MSc),** Madrid Polytechnic University (Spain).
MSc Thesis: "An overview of wave energy for electricity generation". Published in the Book titled "Energía Undimotriz" (ISBN 9783659029981, 2012).

Sep 2006 - Sep 2007 — **Erasmus Exchange Programme,** Technical University of Lund (Lund, Sweden).

EXPERIENCE

Apr 2013 - Present — **Julia F. Chozas, Consulting Engineer,** Consultancy in renewable energies.
Services: engineering and economic consultancy and training to bring value to renewable energy projects. Website: <www.juliafchozas.com>. Selected projects:
Planning of energy systems, markets regulation and smart grids: energy planning of future smart energy systems with high penetrations of wind, solar PV and wave energy. In partnership with the Energy Planning group of Aalborg University.
Review of Smart Energy Systems for policy recommendations: review of smart grid, smart thermal and smart gas projects funded in Denmark.
Assessment of the Cost of Energy of offshore renewable energies at an international level. Client: the International Energy Agency-Ocean Energy Systems (IEA-OES).
The Danish Cost of Energy Calculation Tool: development of a dedicated software to evaluate the economic feasibility of wave energy projects at different locations.
Techno-economic benchmark analyses for the wind and ocean energy sector.
Specialised training in the marine energy field to industry and universities.
Selected clients: Iberdrola (SP), Aalborg University (DK), Fundación Jorge Juan (SP),the Danish Institute of Studies Abroad (DK), All-Island Master in Marine Energies (IR).
Facilitator of ENSIGHT Game, a training tool of DONG Energy on electricity markets.
Project Proposals writing for SMEs and large consortiums.

Expert Evaluator of Project Proposals:

Feb 2015 - Present — *Swedish Energy Agency*
Apr 2014 - Present — *European Commission,* Expert Evaluator of the Horizon2020 Programme.
July 2011 - Present — *AENOR:* Spanish Agency on Normalisation and Certification.

Jun 2014 – Jun 2015	**Aalborg University,** Civil Engineering Department, Offshore Energy Research Group. Main tasks include: technical and economic feasibility analyses of innovative energy technologies, benchmark analyses of offshore technologies, writing of projects proposals and lecturer.
Jan 2012 - Mar 2013	**Energinet.dk:** partnership project with the Danish grid operator about the technical and economic benefits of diversified energy systems. Problems analysed: integration of wind and wave in electricity markets, predictability of wind turbines and wave converters power output, assessment of balancing costs.
May 2011 - May 2012	**INORE,** the International Network on Offshore Renewable Energy. Steering Committee member and event manager of the 6th INORE Symposium. Tasks: representative of industrial relations, accountant responsible, sponsorships coordinator, and local contact person.
Jan 2009 - Dec 2011	**Research Engineer at Spok ApS** as part of the Wavetrain2 Project funded by the European Commission (Copenhagen, Denmark). Achievements: Trained as an expert in the wave energy field. Gained valuable experience on communication skills, publication of results and oral presentations, and actively involved in dissemination activities for offshore renewable energies. Built an extensive international network within the ocean energy sector. Management and execution of R&D projects in the field of: wind/wave forecasting, techno-economic benefits of combined wind-wave systems, non-technical barriers of wave energy, offshore wind and wave developments, public acceptability of renewable energy projects, and integration of wind and wave energy into the grid. Wave Dragon technical development: design of the power take-off system and connections to the grid, analysis of power performances at different deployment sites together with economic assessments, laboratory testing of a small-scale unit, industry consultation processes and successful proposals writing.

LANGUAGES

Spanish: Mother tongue, **English**: Proficiency, **Danish**: Fluent, **Swedish**: Intermediate

REFERENCES

Hans Christian Sørensen, CEO at Spok ApS and Director at Wave Dragon.

Jens Peter Kofoed, Head of Division of Marine Engineering at Aalborg University.

Kate Freeman, INORE Steering Committee member.

Per Ebert, independent Strategic Advisor in the Energy Sector.

More references are available upon request

GENERAL INFORMATION

I am a results-oriented, determined, self-driven and responsible person, with excellent planning skills. I am also social and international, and a dedicated team player.

I am also interested in literature and architecture, and fond of travelling. I enjoy swing and flamenco dancing, piano playing and sports: bike, padel, ski, gympa, windsurf.

Active participation with NGOs: Energy Crossroads (facilitator of "Changing the Game"), INORE, BEST, RotarAct, CISV, and in coaching of new university students.

Concerned and receptive about the energy sector and its needs: new energy sources, upgrades in electricity markets, energy planning and development of new energy systems.

For further information about projects carried out and other business activities, please visit <www.juliafchozas.com>