


Maryam SADIGHI



 Maryam.sadighi@engie.com

 [in/maryam-sadighi/](https://www.linkedin.com/in/maryam-sadighi/)

Personal Summary

A PhD candidate in Energy Economics with experience in energy industry. Experienced Researcher with a demonstrated history of working in the research industry. Skilled in economics of energy transition based on solutions implemented at corporate, local, and global levels.

Digital Skills

Expert:

- Microsoft Office
- LEAP (Long Range Energy Alternative Planning)
- PolySun (Simulation of solar systems for buildings)
- SAM (System Advisor Model)

Intermediate:

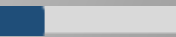
- PYTHON
- HOMER PRO (Optimization of microgrid design)
- AutoCAD
- MATLAB
- HAP (Carrier's Hourly Analysis Program)

Basic:

- PVSyst
- SolidWorks

Languages

English  Proficient

French  Pre-Intermediate

Persian  Native

University of Paris-Saclay, Paris, France | Nov 2021- now
PhD in Energy Economics

EIT InnoEnergy Master School | Aug 2018- Sep 2020
Double Degree MSc. In Renewable Energy (RENE)

- **École Polytechnique, Paris, France.** | Sep 2019- Sep 2020
M.Sc. in The Energy Environment: Science Technology and Management (STEEM)
- **KTH Royal Institute of Technology, Stockholm, Sweden.** | Sep 2018- June 2019
M.Sc. in Energy Innovation
- **ESADE Business & Law School, Barcelona, Spain.** | Sep 2018- July 2019
Entrepreneurship and Strategic Innovation Course

University of Tehran, Tehran, Iran. | Sep 2012- July 2017
B.Sc. in Mechanical Engineering

Work Experience

- **ENGIE, France** | July 2021-now
PhD Candidate at ENGIE Research and Innovation, "Economic analysis of clean hydrogen for industrial applications"
- **Chair Energy and Prosperity, France** | Jan-Apr 2021
Researcher, "Hydrogen as an energy vector"
- **EDF R&D Lab Les Renardières, France** | Apr-Sep 2020
Intern in Department TREE, "Techno-Economic modeling of photovoltaic production and self-consumption in the tertiary sector"
- **Zagross Co, Iran (commercial refrigerators and freezers manufacturer)** | Jun-Sep 2017
Cooperation with the R&D department in enhancement the manufacturing line
- **IRAN Air, Iran (the national flag carrier airline of Iran)** | Jun-Sep 2016
Intern in the R&D Department, Aircraft general familiarization practical training



Patents & Innovations

- **An air-conditioned motorcycle helmet using solar system**, Iran Intellectual Property Office (registration number: 94283) | July 2017



Honors & Awards

- **Awarded full scholarship** by KIC InnoEnergy to study M.Sc. in RENE (Renewable Energy) | Aug 2018
- **Ranked 2nd** for "Game Changing Impact Challenge" at "European Utility Week", Paris | Oct 2019



Conferences

- **INRAE International Conference in Innovation and Climate Change Governance**, Paris | May 2022
- **43rd IAEE International Conference in Mapping the Energy Future -Voyage in Uncharted Territory**, Tokyo | July 2022
- **International Conference on Sustainability, Environment, and Social Transition in Economics and Finance (SESTEF)**, Paris, France | December 2022