

Alessio Nasca

CONSULTANT & RESEARCH PROJECT MANAGER · MANAGEMENT ENGINEER



Summary

Consultant & Research Project Manager at Energy & Strategy. MSc in Management Engineering, Energy & Environmental Management at Polytechnic of Milan. Main research and application fields: Sustainable & Electric Mobility, Circular Economy and Energy Transition & Decarbonization. Volunteer for AFS Intercultural Programs a non-profit organization and sending coordinator for the city of Milan. Passionate about sports, swimmer and marathoner.

Work Experience

Energy & Strategy

Polytechnic of Milan, Italy

CONSULTANT & RESEARCH PROJECT MANAGER

Dec 2021 - Present

- Served as Project Leader for Smart Mobility Report 2022
- Served as Project Manager for Circular Economy Report 2022
- Served as Project Manager for consultancy projects:
 - Water Management: tools for reducing continuity risk and adapting water efficiency measures

SENIOR BUSINESS ANALYST

May 2021 - Dec 2021

- Served as Project Manager for Circular Economy Report 2021 & Smart Mobility Report 2021
- Served as Project Manager for consultancy projects:
 - Strategic analysis of the E-mobility Italian market
 - Environmental and social impacts related to the "Ecobonus" measure for low carbon emission vehicles

BUSINESS ANALYST

May 2020 - May 2021

- Served as Project Manager for Circular Economy Report 2020
- Served as Analyst for Smart Mobility Report 2020, Smart Building Report 2020 & Energy Innovation Report 2021
- Served as Project Manager for consultancy projects:
 - Designing of Circular Business Models for social housing applications
- Served as Analyst for consultancy projects:
 - Analysis of urban KPIs for energy monitoring data
 - Future scenarios development of "alternative fuels" and their energy, environmental, social and economic impacts

JUNIOR BUSINESS ANALYST

Sep. 2019 - May 2020

- Served as Analyst for Renewable Energy Report 2020, Digital Energy Efficiency Report 2020 & Smart Building Report 2019
- Served as Analyst for consultancy projects:
 - Strategic analysis of energy efficiency measures applied to SMEs
 - Thermal energy storage system applications within industrial plants
 - Regulatory application and development of Energy Communities with the Italian market
 - European applications of energy communities based on blockchain technology

Polytechnic of Milan

Polytechnic of Milan, Italy

TEACHING ASSISTANT

March 2020 - Present

- Teaching assistant of MSc courses Energy Management Lab [2], Circular Economy Business Models & Circular Economy Lab
- Tutor and supervisor of +10 MSc thesis in Management Engineering at Polytechnic of Milan

Systemia s.r.l.

Catania, Italy

INTERNSHIP

Mar. 2017 - Sep. 2017

Education

Polytechnic of Milan

Milan, Italy

MSc. IN MANAGEMENT ENGINEERING - ENERGY & ENVIRONMENTAL MANAGEMENT - 110/110

Sep. 2017 - Oct. 2019

- Thesis: The Environmental Impact of Electric Vehicles: a comparative LCA-based evaluation framework and its application to the Italian context

University of Catania

Catania, Italy

BSc. IN INDUSTRIAL ENGINEERING - 104/110

Oct. 2013 - Mar. 2017

- Thesis: Analysis of a Nearly Zero Emission Building

Huddinge Gymnasiet

AFS INTERCULTURAL PROGRAM

- One Year exchange program as high-school student
- Hosted in a local family that fostered intercultural understanding

Stockholm, Sweden

Aug. 2011 - July. 2012

Skills

Software MS Office, AutoCAD

Soft Skills Positive attitude, Problem solving mindset, Team work, Time management, Resiliency

Languages Italian, English, Swedish, Spanish

Publications

Factors affecting cost competitiveness of Electric Vehicles against alternative powertrains: A Total Cost of Ownership-based assessment in the Italian market

S. FRANZÒ, A. NASCA, V. CHIESA

Journal of Cleaner Production

June 2022

La decarbonizzazione del trasporto off-road

S. FRANZÒ, A. NASCA, V. CHIESA

Sustainable Track

29 Nov 2021

The environmental impact of electric vehicles: A novel life cycle-based evaluation framework and its applications to multi-country scenarios

S. FRANZÒ, A. NASCA

Journal of Cleaner Production

16 June 2021

Circular Business Models in the built environment: an empirical investigation on enablers and barriers

D. CHIARONI, S.FRANZÒ, A. NASCA, A. URBINATI

28th Innovation and Product Development Management Conference (IPDMC)

6 - 8 June 2021

Circular Housing – Circular Economy in the real estate field

N. VINCENTI, L. CAMPADDELLO, S. PEZZOLI, R. FALSINA, D. CHIARONI, A. NASCA, C.PROSERPIO, V. CASTELLANI

4th Product Lifetime And The Environment (PLATE) 2021 Virtual Conference

26 - 28 May 2021

The environmental impact of electric vehicles: a comparative LCA-based evaluation framework and its application to the Italian context

S. FRANZÒ, A. NASCA

15th International Conference on Ecological Vehicles and Renewable Energies (EVER)

10 - 12 Sep 2020

Extracurricular Activities

AFS Intercultural Programs

VOLUNTEER

- Contributed in 10+ national training and formation camps for exchange students
- Support and assistance to students from all around the world that decided to live a school program in Italy, and Italian students that decide to live a school program abroad

Catania/Milan, Italy

Sep. 2013 - Present

SENDING COORDINATOR

- Selection, support and training of Italian students that want to live a school program abroad

Milan, Italy

Apr. 2018 - Sep. 2022

Adidas Runners

RUNNER & MARATHONER

- Valencia Marathon - (Eds. 2019, 2022)
- Athens Marathon - (Ed. 2018)

Milan, Italy

Sep. 2017 - Present

Associazione Italiana Arbitri (AIA)

FOOTBAL REFEREE

- Referee for the F.I.G.C.

Catania, Italy

Dec. 2012 - Sep. 2017