Tommaso BONINI
Full proficiency in English and French, native Italian.
Nationality: Italian
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CURRENT ACTIVITY

11/21 – ongoing **Fortescue Energy** Frankfurt, Milan
Origination and Markets Development

- Part of the leading team which aims hitting FID for the flagship projects (i.e., Norway, Brazil) > 1M tonnes of green hydrogen.
    - Geographical perimeter: UK, EMEA, Latin America.
- Sustainable Aviation Fuel expert
- Leading Market section within successful application to Innovation Fund for the flagship Norwegian project – worth c. €200M.
- Constant involvement in talking and negotiating with the major stakeholders – mainly banks and potential off-takers.
- Co-lead the FFI presence in H2Global and understanding of the European financial support mechanisms (e.g., EU H2 Bank).
- Support the M&A effort within the Norwegian region of small-scale green hydrogen/derivatives producers.

03/22 – ongoing **TUM – Technische Universität München** Munich (DE)
Doctorate in green hydrogen economics

- Thesis: *Can green hydrogen be an enabler of the green transition in Europe? An Industry perspective*
- Supervising a Master Thesis regarding some data analytic parts of my PhD thesis projects. *Thesis submitted 26th September 2023.*
- Study of the geopolitical implications of a green-hydrogen, EU-North Africa relationship.

FORMER PROFESSIONAL ACTIVITY

07/19 – 11/21 **EY-Parthenon** Milan (IT)
Senior Consultant

- Analyze the 2050 net-zero emission strategy for a major Italian TSO (revenues c. €5b); ensure its deliverability to main stakeholders and CEO.
- Carve-out of the gas power generation business for a major Italian energy company as part of its RES-concentrating strategic effort.
    - Hydropower business line sold for €1b
- Accompany an energy corporation in its journey to create a new legal entity – business turnover of tens of millions €.

04/18 – 07/19 **Wavestone** Paris (FR)
Analyst

- Define the Digital Transformation Office for a European defense and space company – more than 50 people involved.

04/17 – 07/17 **Leonardo Helicopters** Milan (IT)
Junior Composite Aerospace Structural Analyst

- Assist the Aerostructures Department Chief

- Negotiate with Poland and UK – -8% in transportation costs

FORMER EDUCATION

2017 - 2018 **ESSEC Business School & Télécom ParisTech – 15/20** Cergy (FR)
Advanced Master in Management of Technological Projects

- Thesis: *The Industry 4.0 in France: which opportunities and threats for a consultancy firm?*
- Present to Stelia Aerospace CEO of a new business class airplane seat – decrease 20% weight & 30% manufacturing costs (compared to other similar models)
- Organize the end-year travel to Japan – obtention of a sponsorship by Atos Consulting worth 500€ per student + 35€ per student by Télécom ParisTech

2016 - 2017 **Cranfield University** Cranfield (UK)
***MSc in Aerospace Vehicle Design*, First Class Distinction – 78/100**

- Thesis: *Analysis and Evaluation of LNG as alternative fuel in NASA N3-X concept*
- Design a new regional airliner for Airbus, as a Team Leader – presented to the Chief of R&D (new concepts branch), -25% in fuel consumption & -10% operational costs
- Member of the Music Association, the annual concert

2012 - 2016 **Politecnico di Milano** Milan (IT)
BSc in Aerospace Engineering

2016 - 2017 **Conservatory of music ''Benedetto Marcello''** Venice (IT)
III level in Cello

2007 - 2012 **Istituto Zaccaria** Milan (IT)
***Classic High School Diploma* – top of the class**

LANGUAGE

Languages **English** C2 **French** C2 **Italian** native
Full proficiency in French and English

COMPUTER SKILLS

MATLAB Nastran-Patran Office Pack MS Project CAD

ACTIVITIES, INTERESTS & MEMBERSHIP

Cranfield University Musician Society (2016 – 2017)
Sport Practice of fencing at a competitive level (16th placement at the Italian National Fencing Competition in 2008)
Zagreb International Modern Music Competition