

Form TECH-6 Curriculum Vitae (CV)

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Position Title and No.	-Senior sustainability consultant -Decarbonization & Climate Advisor
Name of Expert:	Federico Merlo
Date of Birth:	
Country of Citizenship/Residence	Italy

Education:

Institution (Date from – Date to)	Degree(s) or Diploma(s) Obtained
Nov. 2005 – Oct. 2007 Faculty of economics "Federico Caffè" University RomaTRE, , Rome (IT)	Master of science "Environment, Development and Territory Economics", 2nd level degree <u>summa cum laude with honour</u> (equivalent to an international MSc)
August 2007 Helsinki university, Helsinki (FI)	Master's Degree Program in Geoinformatics , single course: "Participatory Geographical Information System in development studies"
Oct. 2001 – Nov. 2005 Faculty of economics "Federico Caffè" University RomaTRE, , Rome (IT)	Bachelor degree in Economics, Finance and Institutions, major in Environmental Economics

Employment record relevant to the assignment:

Present Positions:

COMPANY	TIME	POSITION
Ergo srl	01-2013 / now	Head of energy and climate change, project manager, Senior Consultant sustainability, climate change and HSE matters
Stop Co2 ltd	02-2018 / now	Head of sustainability management, Senior Consultant sustainability, climate change and HSE matters.
Free-lance consultant	01-2018 / now	Sustainability advisor for start up, strategic consultancy for start up, technical expert in sustainability
Contract researcher /consultant	01-2020 /now	Scuola Superiore Sant'anna di Pisa, corporate carbon footprint for the Sport Management department (football club: Juventus and Fc Porto)

Adequacy for the Assignment:

1. Key Qualifications (relevant to project):

Federico Merlo is a senior consultant with 15 years of experience in the sustainability matters involving Health, safety energy and Environment. Federico has wide experience in **airports supports for management system and technical calculation.**

Key qualification Deep Dive

CLIENT / PROJECT	TIME	POSITION	DESCRIPTION	TOTAL WORKING DAYS (8H) ESTIMATE
Aeroporti di Roma SPA (FCO and CIA Airport)	01-2013 / now	Senior consultant / advisor	<p><i>Strategic support for the sustainability area developing:</i></p> <ul style="list-style-type: none"> - Environmental management system - Sustainability reporting - Energy management system - Airport carbon accreditation - Net Zero decarbonization plan - Green bond/loan carbon KPIs analysis - Carbon credits tender support - Stakeholder engagement plan - Integrated management system context analysis - Commuting plan - Sustainable aviation analysis, including SAF, LTO etc. - Strategic continuative support - Waste management evaluation 	450
Flyzen ltd	10/2014-04/2023	Founder and Chief of Operations	<ul style="list-style-type: none"> • Running Flyzen ltd company as the head of operations as a participate company of Ergo Iberia sl. • Flyzen is a web based platform to calculate carbon emission of airplane landing and takeoff cycle, LTO: <ul style="list-style-type: none"> - Helps airports going green, complying with airport carbon accreditation <p>Helps airlines saving fuel consumption and carbon emissions (ETS related)</p>	200
EBRD – Corporate solution – IRD engineering	08-2014 - 06/2015	Key expert	<ul style="list-style-type: none"> • Quality management and environmental expert support for Khujand airport master plan (Tajikistan) in a co-financed project with the European Bank of Regional Development. • Developing quality strategy and environmental and social action plan while spending 45 working days on site (30 offsite) <p>Developing quality and environmental policy for ICAO/ACI compliance</p>	75
Oil&gas sector ENI SPA and Chemical sector Versalis SPA	01-2015 /now	Senior consultant	<ul style="list-style-type: none"> • Corporate carbon footprint baseline, decarbonization pathway and plan. • Strategic green communication plan • Maintenance of EnMS energy management systems ISO 50001 (Italy), support for the energy reduction planning 	250

1. Other Professional Consultancy Experience Record (chronological order – newer first)

CLIENT (CLIENT OR FOUNDING PROGRAMME)	DESCRIPTION
Versalis Spa	<ul style="list-style-type: none"> Corporate carbon footprint baseline, decarbonization pathway and plan. Strategic green communication plan
Tamoil Spa	<ul style="list-style-type: none"> Corporate carbon footprint baseline, decarbonization pathway and plan. Strategic green communication plan
Gruppo GEDI	<ul style="list-style-type: none"> Corporate carbon footprint baseline, decarbonization pathway and plan. Sustainability reporting
Sant'Anna University	<ul style="list-style-type: none"> Lecturer of organizational carbon foot printing and decarbonisation pathway on SBTI
SUPSI - Scuola universitaria professionale della Svizzera italiana	<ul style="list-style-type: none"> Lecturer of organizational carbon foot printing and decarbonisation pathway on SBTI
Roadis/Trascendet	<ul style="list-style-type: none"> Organization carbon footprint scope 1,2,3 GHG protocol compliant, decarbonisation plan and pathway to NET zero carbon development for the SBTI accreditation
Juventus FC	<ul style="list-style-type: none"> Organization carbon footprint scope 1,2,3 GHG protocol compliant, decarbonisation plan and pathway to NET zero carbon development for the SBTI accreditation
INWIT Spa	<ul style="list-style-type: none"> Development of Energy management system 50001, organisational carbon footprint
Guido Gobino srl	<ul style="list-style-type: none"> Organization carbon footprint scope 1,2,3 GHG protocol compliant, decarbonisation plan and pathway to NET zero carbon development for the SBTI accreditation
VERTI SPA	<ul style="list-style-type: none"> Developing the commuting plan as a target of co2 reduction
ICT group	<ul style="list-style-type: none"> Product carbon footprint based on LCA anylisis / training programme on decarbonisation pathway
Bocconi University	<ul style="list-style-type: none"> Lecturer of organizational carbon foot printing and decarbonisation pathway on SBTI Lecturer of sustainable mobility in Italian metropolitan cities
LUISS University	<ul style="list-style-type: none"> Lecturer of organizational carbon foot printing and decarbonisation pathway on SBTI Lecturer of Developing energy management systems 50001
ADR Aeroporti di Roma	<ul style="list-style-type: none"> Health and safety management system update to the new 45001:2015 Airport Carbon Accreditation: Carbon footprint programme for both Fiumicino e Ciampino airports (city of Rome) 2019 Sustainability report 2018 based on GRI 4.0
Industrie Cartarie Tronchetti spa	<ul style="list-style-type: none"> Product Carbon footprint development for the ICT Poland plant Framework model development for product carbon footprint (corporate level)
Atlantia SPA	Participation in the working group proposal for the harmonization of the sustainability guidelines of the Atlantia group (Autostrade Spa - highways, Adr Spa- airports , etc)

Eni Versalis International	<p>Technical expert HSE (Health safety and environmental) consultant, technical audit and consultancy support including all the supply chain in:</p> <ul style="list-style-type: none"> • Versalis controlled company (PLANT): Oberhausen (Germany), Grangemouth (UK), • Versalis international (office): Shanghai(CH), Mumbai(IN), Moscow(RU) Istanbul (TK), Bruxelles(BE), Bratislava(SL)
Stop Co2 ltd	<p>Head of sustainability management, Senior Consultant sustainability, climate change and HSE matters, main projects:</p> <ul style="list-style-type: none"> • (Retail Food and Drink) Zoi group ltd Strategic concept development, sustainability strategy • (Winery and Hotels) Chene Bleu Winery and la Verriere sustainable gap analysis and strategic positioning • (Food) Amondo srl: sustainability Strategy and positioning, developing the plastic free model
FLYZEN ltd	Developing and Launching of the SFC (sustainable flight compare) platform
ENI exploration & production (DIME)	<ul style="list-style-type: none"> • Maintenance of EnMS energy management systems ISO 50001 (Italy), support for the energy reduction planning
Eni insurance LTD	<ul style="list-style-type: none"> • HSE management support for the Dublin (Ireland) headquarter
Eni Versalis SPA	<p>Technical expert HSE (Health safety and environmental) consultant, technical audit and consultancy support including all the supply chain in:</p> <ul style="list-style-type: none"> • Versalis spa (PLANT) Milan, Porto Torres, Brindisi, Mantova
ENI exploration & production (DIME)	<ul style="list-style-type: none"> • Development of EnMS energy management systems ISO 50001 (Italy)
FLYZEN ltd	<ul style="list-style-type: none"> • Running Flyzen ltd company as the head of operations as a participate company of Ergo Iberia sl. • Flyzen is a web based platform to calculate carbon emission of airplane landing and takeoff cycle, LTO: <ul style="list-style-type: none"> - Helps airports going green, complying with airport carbon accreditation - Helps airlines saving fuel consumption and carbon emissions (ETS related)
EBRD – Corporate solution –IRD engineering	<ul style="list-style-type: none"> • Quality management and environmental expert support for Khujand airport master plan (Tajikistan) in a co-financed project with the European Bank of Regional Development. • Developing quality strategy and environmental and social action plan while spending 45 working days on site (30 offsite) • Developing quality and environmental policy for ICAO/ACI compliance
EU commission (with Adelphi and SSSUP)	<ul style="list-style-type: none"> • Recent Developments in the Application of EMAS and iso 14001, Based on a Survey Recently Carried Out by adelphi and Scuola Superiore Sant'Anna of Pisa
Wind telecomunicazioni S.p.a.	<ul style="list-style-type: none"> • Carbon management including Carbon Footprint analysis ISO 14064 , GHG Protocol. climate savers project partnership with WWF; • Developing ISO 50.001 road map and strategy
Luxottica S.p.a.	<ul style="list-style-type: none"> • Carbon management including Carbon Footprint analysis ISO 14064, GHG Protocol. climate savers project partnership with WWF;
ADR Aeroporti di Roma	<ul style="list-style-type: none"> • Integrated management system development • Quality management system update to the new 9001:2015 • Airport Carbon Accreditation: Carbon footprint programme for both Fiumicino e Ciampino airports (city of Rome); • Development of EnMS energy management systems ISO 50001 • ETS audit and analysis 2008-2012/2013-2020; • ETS support for free allowances in the transition period 2011-2012(NIMS, NER) • Energetic aspects management • Employees trainings and internal Audits for 14001/Emas/50001

	<ul style="list-style-type: none"> • Yearly maintenance of integrated management systems ISO 14001/50001/9001/18001 • Cost benefit analysis mobility management and sustainable transportation • Strategic marketing and benchmarking analysis • Sustainability report based on GRI indicators • Environmental matrix development
IBI lorenzini	<ul style="list-style-type: none"> • Employees training on ETS (emission trading system) energy efficiency and climate change iso 50001 /ghg protocol
MSD Medical health	<ul style="list-style-type: none"> • Employees training on energy efficiency and climate change iso 50001 /ghg protocol
Leather district Santa Croce	<ul style="list-style-type: none"> • Life cycle assessment analysis for leather products
ENI Refining & Marketing	<ul style="list-style-type: none"> • Update environmental management systems procedures ISO 14001 • Compliance audits for legal requirements and ISO14001 ems
ENIMED – ENI Mediterranea Idrocarburi	<ul style="list-style-type: none"> • Compliance audits for legal requirements and ISO14001 ems
DICS – Distretto Centro Settentrionale – ENI Exploration & Production	<ul style="list-style-type: none"> • Compliance audits for legal requirements and ISO14001 ems
STOGIT – Stoccaggi Gas Italia – ENI Group	<ul style="list-style-type: none"> • Maintenance management systems D.Lgs 334/99 (SEVESO) • Compliance audits for legal requirements and ISO14001 ems
Bridgestone Technical Centre Europe-Environmental Affairs and European Regulation department Rome (IT)	<ul style="list-style-type: none"> • Carbon leakage risk analysis for tyre sector in collaboration with ETRMA due to the 2013 regulation of the ETS Proposal; • Strategic analysis on the effect on the new ETS proposal for Benchmarking and Auctioning in tyre sub-sector; • Sustainable Mobility Program (EU- TCE) MAKE CARS GREEN; • Feasibility studies for green marketing communication tool such as EPD® • Environmental report 2009/2010; • ISO 14001 auditor and ETS in field support for Bridgestone Europe Plant in: Bilbao (Spain), Stettin(Poland), Frameries, liege (Belgium), Bari (Italy);
Bridgestone company, (Mecamold s.a) Liege (BE)	<ul style="list-style-type: none"> • <i>create an environmental management system (EMS) and certified14001:2004 by Lloyd's (08-2008);</i> • <i>create a mobility management system for Co2 indirect emission reduction;</i> • <i>Training Iso 14001;</i>

Membership in Professional Associations and Publications:

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Language Skills

2. (Mark 1 to 5 for competence 5 being the highest)

Languages	Reading	Speaking	Writing
Italian (native)	5	5	5
English	5	4	5
Spanish	5	5	5
Catalan	5	3	3
French	3	2	2

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the procuring entity, and/or sanctions by the Government.

31/05/2024

Name of Expert
Date

Signature

31/05/2024

Name of authorized
Date

Signature

Representative of the Consultant/Firm

[the same who signs the Proposal]

	Yes	No
(i) This CV correctly describes my qualifications and experience	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(ii) I am employed by the procuring entity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(iii) I was part of the team who wrote the terms of reference for this consulting services assignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>

I certify that I have been informed by the firm that it is including my CV in the Proposal for the [name of project and contract]. I confirm that I will be available to carry out the assignment for which my CV has been submitted in accordance with the implementation arrangements and schedule set out in the Proposal.

OR

[If CV is signed by the firm's authorized representative and the written agreement attached]

I, as the authorized representative of the firm submitting this Proposal for the [name of project and contract], certify that I have obtained the consent of the named expert to submit his/her CV, and that I have obtained a written representation from the expert that s/he will be available to carry out the assignment in accordance with the implementation arrangements and schedule set out in the Proposal.