

SPEAKERS' BIOS Conferenza 13 October **Hydrogen value chain in the Veneto region: current state and perspectives**

The FVCMS/VSF report "Mapping competencies and H2 demand in Veneto"

Pietro Romanin



Pietro Romanin is a Managing director and Partner at **BCG**. BCG works with business leaders, governments, and ecosystems to create energy solutions for a net-zero pathway and beyond - that are practical, equitable, and just. With 100+ offices in more than 50 countries and 30k employees BCG partners with leaders in business and society to tackle their most important challenges and capture their greatest opportunities.

Pietro Romanin is a core member of the firm's energy and climate and sustainability practice and has worked extensively across the energy value chains with utilities, integrated energy companies, EPC and engineering as well as original equipment manufacturers and tech players.

H2 local: the views of academia, infrastructures, administration and associations

Rita Steffanutto



Rita Steffanutto is Director of the Research, Innovation and Energy Directorate of the **Veneto Region**. Between 2016 and 2018, she served as Director of the Organisational Unit Cultural Activities and Entertainment. In the two previous years she held the position of Director of the Unitary Programming Section 2014/2020. In 2008, she was promoted to management positions and has been a regional official since 1998. Previously, she held positions in the provincial administration of Pordenone.

She holds a law degree from the University of Trieste and has also completed a Master's degree in Management of Training and Labour Policies.

Vito Di Noto



Vito Di Noto is Professor of Electrochemistry for Energy and Solid State Chemistry at the **Department of Industrial Engineering, University of Padua**. He founded and coordinates the "Chemistry of Materials for the Electrochemical Metamorphosis and Storage of Energy (CheMaMSE)" group; he is a Fellow of The Electrochemical Society; he is a Japan Society for the Promotion of Science Fellow; he is Outgoing President of the Electrochemistry Division of the Italian Chemical Society; and he is President of the Interdivisional Group on Electrochemical Energy Storage and Conversion (ACEE) of the Italian Chemical Society. On May 31, 2022, the American Electrochemical Society awarded him the ETD, "Energy Technology Division Award", for his research in: 1) primary and secondary batteries based on alkaline and alkaline-earth elements; 2) hydrogen, fuel cells and electrolyzers. His activity is summarised in more than 340 international publications and 30 patents. His h-index is 55.

Massimo Zanon



Massimo Zanon will hold the position of President of the **Venice Rovigo Chamber of Commerce** from 10 December 2020. Since 2018 he has been Chairman of the Board of Confcommercio Servizi della Riviera del Brenta srl and since 2019 he has been Chairman of Confcommercio TERServizi srl. From 2010 to 2020, he was also President of Confcommercio Unione Regionale del Veneto. Since 2012 he has been a member of the board of Confcommercio Nazionale (since 2015 he has also been a member of the executive council); since the same year he has also been a director of CAF Imprese Confcommercio Venezia (of which he was President from 2012 to 2015).

In 1982 he joined Confcommercio Unione Venezia (now Confcommercio Metropolitana di Venezia) and in 2009 he became its President, a position he currently holds, having been reconfirmed for the 2018 - 2023 mandate. In 1980 he joined the management of ASCOM Confcommercio Mandamento di Portogruaro, of which he was then President from 1991 to 1998 and from 2003 to 2006. In 1979, at just 20 years of age, he became the owner of a tourist accommodation business in his home town. An activity that he still carries out today in parallel with his chamber of commerce institutional commitment and appointments in trade associations.

Massimiliano De Martin



Born in Venice 56 years ago, married to Melissa, together they have two children. Graduated as a surveyor, graduated in engineering, owner of the firm active in Mestre for 25 years. He has gained 20 years' experience as a provincial and regional category representative and as president of the Order of Surveyors. He wanted to make available to the city the skills and relationships he has developed in his professional life, namely a strategic overview of the territory. He continues to work as a councillor for the **Municipality of Venice**.

Paolo Menegazzo



Paolo Menegazzo, born in Venice in 1977, graduated in Civil Engineering, specialising in Transport, from the University of Padua in 2002 with a thesis on transport planning discussed at the Technical University of Denmark in Copenhagen.

After an experience as a consultant for the Municipality of Brescia, where he was involved in road traffic surveys and microsimulations on road intersections, he was responsible for the management and technical supervision of the development of European funding opportunities in support of the Veneto Region Spatial Planning, for 5 years.

He joined the **Venice Port Authority** in 2009. He is currently in charge of the Strategic Planning and Transport area. He performs the role of Project Manager and RUP for studies and projects aimed at increasing accessibility, both terrestrial and nautical, for both infrastructural and management aspects.

Davide Bassano



Davide Bassano is currently Director of the Sustainability Department of **Save Group**. In Save Group he followed all the matters related to the environment, health and quality of airports activities. He worked in the manufacturing industry and later in consulting and certification for international companies. He holds a Master's Degree in Oil Engineering, postgraduate Master in Management Systems and Industrial Logistics.

Stefano Miotto



Stefano Miotto è direttore generale di **Confindustria Veneto SIAV** dal 2000. La sua vasta esperienza nella gestione strategica e nel coordinamento di tutte le attività e del personale della società ha portato SIAV ad essere un attore chiave nella Regione Veneto per il supporto alle imprese (in particolare alle PMI) nei processi di trasformazione innovativa.

A livello istituzionale gestisce sovvenzioni e bandi pubblici internazionali, nazionali, regionali che sostengano le esigenze delle aziende sul territorio (in particolare con attenzione alla digitalizzazione e alla transizione verde) e organizza azioni di promozione e divulgazione di iniziative europee, nazionali, regionali a favore delle imprese.

Attualmente fa parte del consiglio di amministrazione di 6 Reti Innovative Regionali ed è presidente di Face Design, il cluster veneto della moda. È responsabile del Centro Reach Veneto e del Digital Innovation Hub regionale di Confindustria, membro dell'Osservatorio Ricerca e Innovazione della Regione Veneto e del Comitato Scientifico della Fondazione Nord Est.

H2 national: the viewpoint of companies and networks

Andrea Pisano



Andrea Pisano is Head of hydrogen initiatives within **Eni's Energy Evolution department**, dealing with the identification and development of decarbonised hydrogen projects.

In 2018, he joined the Office of Eni's CEO and subsequently worked on the implementation of Eni's first medium-long term plan to 2050, which defined the Company's evolution path towards decarbonisation.

A graduate in chemical engineering, he began his career path in the Eni group in 2010, working in Versalis (a chemical company) first as an R&D engineer and then as head of pilot plants in the Mantua Research Centre.

Dina Lanzi



Dina Lanzi is Head of Technology Development in **Snam Decarbonization Projects Unit**. In this role, Dina is responsible for hydrogen and CCS technology demonstrators, and pilot projects implementation. Dina led the first Hydrogen injection in the gas grid in operation in Europe, supplying two industrial end users with a mixture of natural gas and hydrogen at 5 and 10% in the South of Italy.

She is currently president of CIG (Comitato Italiano Gas) for normative activities in the gas system and vice president of H2IT, the Italian association for hydrogen. She is also member of Snam Rete gas board and President of Teraga Holding.

With more than 20 years of experience in gas transmission, all matured within Snam group, Dina developed her competencies in many sectors of the gas value chain, both technical and institutional. After a Master's Degree in Chemical Engineering at Politecnico di Milano, she started her career in a LNG plant and after that she experienced , both technical and institutional roles in pipeline maintenance management, metering, gas technical standards, and relationship with Regulatory body.

Gabriele Lucchesi



Gabriele Lucchesi has been Hydrogen Director of the **Edison Group** since 2021. From 2013 to 2020 he was General Manager of Edison Stoccaggio S.p.A., the Group's subsidiary that operates 3 gas storage sites in Italy. From 2007 to 2013, at Edison, he was Business Development Manager, in charge of the general coordination of the development activities of the Galsi project (Algeria - Sardinia - Tuscany gas pipeline).

From 2003 to 2007 in Paris, at EDF, with the role of Manager Special Projects within the Gas Department of the French Group, in charge of the development of international gas / LNG activities. From 1990 to 2002 in the ENI Group, where he held various positions in the international area (including Negotiations Manager and International Gas Pipeline Manager). He holds a degree in Aeronautical Engineering from the Politecnico di Milano.

Candido Fabrizio Pirri



Candido Fabrizio Pirri is Senior Scientist at the **Italian Institute of Technology** and Full Professor of Physics of Matter at the **Politecnico di Torino**.

In 2022, he became Coordinator of the IIT Project (with funding for the creation of Technological Innovation Infrastructures - Component 2 from research to enterprise) entitled "Components and Systems for Energy Transition" (CoSyET), aimed at creating a Centre of Excellence dedicated to Energy Transition technologies. He is one of the founders of the iENTRANCE Energy Transition Research Infrastructure.

Since May 2018 he is Coordinator of the Center for Sustainable Future Technologies at the Italian Institute of Technology, he is also coordinator of the Piedmontese regional infrastructure CO2 CIRCLE LAB. He holds a degree in Nuclear Engineering from the Politecnico di Torino and a PhD in Physics of Matter.

Hydrogen in Porto Marghera's industrial requalification

Giorgio Biscardini



Giorgio Biscardini is Partner of **PwC Strategy& and Energy**, Utilities and Resources Leader. With more than thirty years of experience in the global energy markets, Mr. Biscardini focuses on the transformation of the energy industry working with large integrated players, newcomers, investors, energy intensive users and government agencies.

Stefano Soriani



Stefano Soriani è professore ordinario di geografia economico-politica nel Dipartimento di Economia, **Università Ca' Foscari Venezia**.

Direttore del Campus Ca' Foscari a Treviso. Coordinatore scientifico del Centro studi sull'economia e sul management portuale (Università Ca' Foscari Venezia, Autorità di Sistema Portuale Adriatico Settentrionale). Delegato nazionale della Società Geografica Italiana per le questioni costiere e marittime. Membro del comitato scientifico di RETE (International Association for the collaboration between cities and ports). Presidente di FORUMVES (Forum per Venezia Sostenibile).

Raffaella Lucarno



Raffaella Lucarno is the Industrial Director of **Eni Sustainable Mobility** (Eni's company dedicated to sustainable mobility) which is responsible for the biogas/biomethane plants, biorefineries (Venice and Gela biorefinery and 50% of the SBR biorefinery in Chalmette -USA) and supply.

In 2022 he moves to the R&D department as Business Partner Energy Evolution with the aim of matching business needs with technological research paths in the field of biofuels/bioprocesses/bioproducts, hydrogen and e-fuels, renewables. In 2023 he moved to Eni Sustainable Mobility.

Over the years he has held various positions on the Board of Directors of Eni's subsidiaries and investee companies; he is currently on the Board of Directors of Eni Sustainable Mobility, St. Bernard renewables (US biorefinery), Ecofuel (production and marketing of oxygenates) and CEPIM (Interporto Parma).

He worked in the traditional refining sector for 27 years, also outside Eni, holding various positions until 2021 when he concluded his experience in this field as Director of the Sannazzaro refinery.

A graduate in Chemical Engineering, she began her professional experience in an engineering company, moving, after a short time, to the Eni Sannazzaro refinery as process engineer.

Graziano Tassinato



Graziano Tassinato is Director of the **Green Propulsion Laboratory Veritas**, the advanced technology research and industrialisation platform funded by the Ministry for the Environment and Energy Security (MASE) and the Municipality of Venice for the green reconversion of the Porto Marghera industrial area.

He currently coordinates several projects of the European Space Agency, MISE and MASE on the topic of CO₂ capture and conversion, production of biohydrogen, synthetic fuels and new materials within the C1 - Gas Biorefinery platform in Marghera.

Over 30 years of experience as R&D Manager in companies, consortia and industrial districts in the field of industrial biotechnology, chemistry, energy and environment; from 2006 to 2018 Head of Research at PST VEGA in Venice, the largest Science and Technology Park in Italy. He currently heads the Coordinator of the experimentation and industrialisation activities of energy and environmental technologies developed by the innovative start - ups established at the Green Propulsion Laboratory.

He has a Master's Degree in Microbial Biotechnology from the University of Florence with a postgraduate specialisation in energy biotechnology at the CNR in Florence; a PhD in supercritical water reactors and a Master's Degree in Environmental Sciences from the Ca' Foscari University in Venice. He also holds a degree in Economic History from the University of Padua with a thesis on the green reconversion of the Porto Marghera industrial area.

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Fabio Bonavita



Fabio Bonavita is Managing Director of **San Marco Petroli** as of 2020. Previously, he held the role of Network Director in the API/IP Group. Since October 2010, with the creation of TotalErg Spa, he held the position of Planning and Control Director and then assumed responsibility for Strategic Marketing. He returned to the oil industry at Erg Petroli Spa first as Director of Planning and Control and then as Network Director and Human Resources Director. Prior to that, he gained experience as Marketing Director at Fiat Auto and at Autogrill Spa as Marketing and Development Director. Earlier in his career, he worked for 11 years at Shell, both in Italy and abroad: 2 years at Shell Switzerland AG and 3 years in London at the headquarters of the Royal Dutch-Shell Group. He started working in International Crude Oil and Petroleum Products Trading and then gained extensive experience

in Retail. Venetian, he holds a degree in Mechanical Engineering with a focus on energy and an MBA from the Politecnico di Milano.

Fabrizio Cardilli



Fabrizio Cardilli è Direttore Sviluppo Progetti Idrogeno del **Gruppo Sapió**. Si occupa di espandere le opportunità dell'idrogeno e delle energie rinnovabili in Sapió. Guida il percorso di decarbonizzazione nelle grandi aziende che rispondono agli interessi commerciali dei clienti verso progetti energetici a zero emissioni di carbonio, sia onshore che offshore, consentendo progetti bancabili a idrogeno e CCUS.

Ha conseguito un MBA, con 15 anni di esperienza globale nella gestione dei prodotti, dei prezzi e dello sviluppo commerciale nei settori dell'Oil & Gas e della produzione di energia.

H2 international: discussing perspectives

Ann-Kathrin Lipponer



Ann-Kathrin Lipponer is Associate Programme Officer at **IRENA**, in Germany. She is an energy professional at IRENA's Innovation and Technology Centre, specializing in green hydrogen and its derivatives. She further analyzes innovations for the energy transition and represents IRENA at the global initiative Mission Innovation. Before joining IRENA, she served as a policy officer in the public sector, focusing on hydrogen and synthetic fuels.

Marco Alverà



Marco Alverà is the co-founder of **Zhero**, a renewable energy company as well as shareholder and co-founder and CEO of Tree Energy Solutions (TES), world leading hydrogen and renewable gas player. Marco has more than 20 years of senior management experience in Europe's most relevant energy companies and he is the author of The Hydrogen Revolution, selected as one of the FT's best books of 2021. He began his career at Goldman Sachs in London before starting and selling a telecom company, and then moving to Enel, today one of the world's largest green electricity companies. He subsequently moved to Eni, where he worked for over 10 until becoming Chief Midstream Officer also supervising the largest European gas portfolio. From 2016 to 2022 he was the CEO of Snam, where he positioned the company as an international leader in green hydrogen and green gas infrastructure. Since 2017 he has been non-executive Director of S&P Global, where he is also Chair of

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the Finance Committee. He is also a member of the Executive Board and of the Steering Committee of the Giorgio Cini Foundation in Venice and a Visiting Fellow of the University of Oxford. He is co-founder of the Kenta Foundation, active in promoting gender balance and combating educational poverty. He holds a degree in Philosophy and Economics from the London School of Economics.

Jonas Moberg



Jonas Moberg has been appointed Chief Executive Officer of the **Green Hydrogen Organisation** in May 2021. From 2018 to May 2021, he held several positions at Trafigura, including as the Global Head of Corporate Affairs and the Global Head of Government Affairs. He was the Executive Director of the Extractive Industries Transparency Initiative 2007-2018, the global transparency and anti-corruption standard implemented by 55 countries and supported by hundreds of large companies and organisation.

Prior to building the EITI, he was a Senior Advisor in the Executive Office of UN Secretary General Kofi Annan, Director at the Prince of Wales International Business Leaders Forum and member of the Swedish Foreign Service, posted to London and Maputo.

He holds law degrees from the London School of Economics and from the University of Stockholm. He co-authored the book “Beyond Governments – Making Collective Governance Work” and has written and commented extensively on transparency, corporate accountability, and the role of business in human rights. He has served on a number of boards and working groups, including as the co-chair of the Ethical Toy Program.

Giles Dickson



Giles Dickson is the Chief Executive Officer of **WindEurope**, a position he's held since 2015. WindEurope is the voice of the European wind industry. It represents the whole value chain of onshore and offshore wind across Europe and has more than 400 members. It engages Governments and other stakeholders on policy and regulation. It organises industry exhibitions, conferences and workshops. And it coordinates publicly-funded R&D in wind.

Dickson is also Chairman of the independent Advisory Council of ENTSO-E, the European Network of Transmission System Operators for Electricity.

From 1992 to 2008 he was a civil servant in the UK Government, working mostly on European affairs. From 2008 to 2015 he worked for the French engineering company Alstom where he was Vice-President for Global Public Affairs.

Case Studies: projects developed by companies in Veneto

Nicola Pianon



Nicola Pianon is Senior Advisor and Senior Partner Emeritus at **BCG**, after 25 years as Partner and Senior Partner. In 32 years of experience in Management Consulting with The Boston Consulting Group he has led more than 600 Projects worldwide, on issues of strategy, organisation and governance, marketing and sales, digital, innovation, manufacturing, distribution, M&A, Private equity.

Since 2020 he has been a member of the Board of Directors of Cà Foscari University, where he has taught as Visiting Professor Strategic Planning, in both the Italian and the English-language Master's degree courses .

Venetian by birth and residence, since 2020 he has been involved in Projects aimed at giving a sustainable future to the City of Venice. In this context, he has collaborated on the creation and launch of the VeniSIA Accelerator, with Cà Foscari University, dedicated to the themes of Sustainability, and on the launch of the Argo Accelerator, again with Cà Foscari and CdP, dedicated to the themes of Travel tech.

Since the summer of 2020, he has also studied and worked on the drafting of a Plan for the revitalisation and repopulation of the City of Venice and collaborated in the gestation and creation of the "Venice Sustainability Foundation", in which he has been a Director in the Operational Management Committee since 2022 and participates in particular in the work of the Hydrogen and Energy Transition Yard.

Prior to BCG 5 years of Product Management experience in Unilever. He holds a Master's degree in Business Administration - INSEAD, Fontainebleau and a Laurea cum laude in Business Administration from the University of Venice (Cà Foscari). He was awarded the title of Commendatore al Merito della Repubblica Italiana by President Napolitano for services rendered to the Republic.

Sergio Trevisan



Sergio Trevisan has been Managing Director of the **Pietro Fiorentini Group** since September 2022 and is directly responsible for the group's renewable energy business development project (biomethane, hydrogen, power to gas). Previously, he held various positions within the company, which he has been part of since 2008. He is also Executive Director of Shanghai Fiorentini Gas Equipment Co.,Ltd., a company branch that manufactures low and high pressure gas reduction stations, valves, pressure vessels and domestic meters for the Chinese market. He has been President of HYTER since May 2021, a company that designs and manufactures electrolysers with AEMWE technology. An engineer, he specialised at the CUOA Business School.

Raffaele Candela



Raffaele Candela is pursuing a master's degree in Marketing & Sales Management at the Milan Polytechnic and has been entrusted with the coordination of Product Managers in the residential segment with the position of Head of Product Marketing Managers at **Baxi**. In 2021, he joined Baxi S.p.A. as Product Manager for the residential wall-hung boilers segment, later joined by the air conditioning segment. With the development of Baxi's hydrogen boiler project, he also took on the role of Hydrogen Country Coordinator. After graduating with a Master's degree in Management Engineering from the Marche Polytechnic University, he took on the role of Product Manager in various HVAC companies where he deepened his knowledge of the sector.

Stefano Marzotto



Stefano Marzotto is Sales Director and Countries Business Leader following Nidec's acquisition of Emerson Industrial Automation and Ansaldo Sistemi Industriali. In this role he coordinates the teams of Italy, Spain, UK, Netherlands, Germany, India and China in the development of power electronics projects with particular reference to emerging markets related to Energy: Hydrogen, Ultra Fast Chargers, Battery Energy Storage.

In January 2009, he began working with Emerson in the role of General Manager of the Drive Centre in Vicenza. In this role, he developed the photovoltaic market first in Italy and then in EMEA. Thus began his interest in the world of energy production and destruction. In 2005, he took on the leadership of the sales office of Ansaldo Sistemi Industriali and increased the company's presence in strategic markets such as harbour cranes, the rubber and plastics industry, the paper industry and electrochemistry.

In 2001, he took on the role of Export Manager, taking on industrial automation projects in India, Russia, Germany and South America. He began his career as a software designer in the R&D area of Ansaldo Sistemi Industriali, coordinating important projects in the steel and people transportation sectors. He graduated in Electronic Engineering with a focus on Mechatronics from the University of Padua in 1994.

Guido Casellato



Guido Casellato is CEO of **H2C S.p.A.** In 2018, he co-founded Progressio M.A., an advisory company dedicated to the origination, development and valorisation of industrial and real estate investments. In 2017, H2C S.p.A., following a virtuous valorisation process, sold Enerco Distribuzione S.p.A. to the Italgas Group, orienting the company's strategies and investments towards new challenges in line with the energy transition and urban regeneration. In 2006, a few years after its establishment and following a significant valorisation process, he led and completed the sale of Energycom S.p.A. (a company operating in the sale of natural gas) to the EON Group. He has over thirty years of experience as a shareholder and executive of

industrial ventures in Italy and abroad. He founded the companies Energycom S.p.A. and Enerco Distribuzione S.p.A. and was President of the Energy section of Unindustria Padua in 2003.

Conclusions: The opportunities of regional programming for the sustainable competitiveness of Veneto

Santo Romano



Santo Romano has been Director of the **Economic Policies, Human Capital and Community Programming Area** since 1 January 2021, coordinating the following areas: Training, Labour, Education and University; Equal Opportunities; Industry, Crafts, Trade and Services; Research, Innovation and Energy Competitiveness; ESF+, ERDF, FSC, Italy Croatia, cooperation programmes.

From 2013 to June 2021 he was Managing Authority of the European Social Fund Operational Programme.

Since 2016 he has been one of the directors placed by the Regional Council at the head of the six general coordination areas into which the entire administrative structure has been divided, directing the Human Capital, Culture and Community Programming Area.

In 2012 he became Extraordinary Commissioner for Training, Education and Employment, as well as Head of the Training Directorate and interim Head of the Education Directorate and then Director of the Training, Education and Employment Department.

After a two-year experience at Ulss 12 as Administrative Manager, he held the position of Manager of the Orientation, Continuing Education and Labour Relations Service at the Training Activities Directorate in the Region.

In a short time, he held roles of increasing complexity and responsibility, first becoming Director of the Employment Directorate and then of the Training Directorate.

Graduated in Economics and Commerce in 1988 and qualified as a Chartered Accountant and Auditor, his experience in Region.