

## Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Alessandro Speccher**

Address(es)  
Telephone(s) Via Cavour, 45A, 38060 Castione (TN)  
+39 349 0074798

E-mail [alessandro.speccher@gmail.com](mailto:alessandro.speccher@gmail.com)  
[alessandro@speccher.com](mailto:alessandro@speccher.com)

Nationality Italian

Date of birth 16/02/1980

Gender (Male)

### Occupational field **Education, Regenerative Thinking, Green Building, Building Industry, Energy Efficiency**

Introduction I am Alessandro Speccher. From the last 14 years I work as Green and Regenerative Consultant and educator. My background is multidisciplinary, academically speaking it is the result of studies in pedagogy during high school and environmental engineering and architecture at the universities; practically speaking it is the result of the opportunity to spend my working time always with smart and innovative companies mainly within the building industry, both in Europe than USA.

My activities within the building sector started in 2007, working in the creation of GBC Italia, on the first LEED targeting projects (like the Renzo Piano Museum of science of Trento "Muse) and the first community of Green Leaders in Italy, as part of the core team of GBC Italia and one of the first LEED AP in Italy.

In the last 14 years more than 4500 professionals followed my classroom, both in Academia and market, in order to understand what is a Green Building, how is it possible to do it and to to prepare for the international exams LEED AP, LEED GA, WELL AP, Living Future Accredited.

I worked as engineer within mechanical companies and international architectural firm doing green design optimization in several projects around the world and developing state of the art calibrated dynamic energy modeling analysis (more than 300.000 m2 of certified/under certification buildings with several rating systems as LEED, WELL, BREEAM).

I have given numerous lectures in conferences on Sustainability and Green building topics, both national and international. In December 2018 I opened the 4th Conference on Heritage and Historic Building preservation in Tel Aviv, Israel, in front of 850 attendees.

In 2019 I spent 15 days in Seattle, at the International Living Future Institute, doing a Short Term Scientific Missions on net Zero Energy Building, covered with a grant of the European project "Cost Restore".

I'm accredited as LEED AP , WELL AP, USGBC Faculty, WELL Faculty, Living Future accredited, ISO 50001 auditor and Energy Management Expert in accordance with UNI 11339. Some times I write article and publication on environmental topics.

If you want to meet me I usually spent my week between Milan and Trento. During the week end I used to be into the wildlife of the mountains (skiing or climbing) or taking photos in front of a building or a contemporary artwork.

## Work experience

Dates	April 2009 - now
Occupation or position held	<b>President's assistant - Education Manager</b>
Main activities and responsibilities	<i>February 2014 - Now: Part time Education Manager. 2 days/week</i> Education Manager and teacher for the institutional education programs of GBC Italia. The main topic is the application of sustainable patterns on building stock. Teacher for customized education program and education program developer (for example: designer of the Green Facility Specialist Curricula launched by IFMA Italia and GBC Italia). Companies that I work with are: Margaritelli spa, Gruppo Frati spa, Panasonic Italia, BTicino, Kone spa, Grohe, Comology, Mapei spa, Saint gobain group, ICMQ, Nativa, Technip spa, Plastica Alfa, Artelia spa, Climaveneta, confindustria Belluno, Favero&Milan, Arpa Lombardia, Cushman&Wakefield LLP and many others.
Name and address of employer	<i>2009 - 2014: FULL TIME: President Assistant, Senior Developer</i> During those years I worked on the first national adaptation of LEED outside the USA: LEED Italia. During this period I usually spent many weeks of the year in the USA, following the international relationship with US GBC and the World GBC. Adopting the Triple Bottom Line approach, I usually teach "how to have a sustainable approach" both in University (listed below), Public Administration (Trentino School of Management, Comune di Trento, Comune di Conselve, comune di Este.....) and Private Companies .. Hundreds of public speech and conference were done during this 4 years, covering the topics of energy efficiency, sustainable patterns and green building and process optimization. GBC Italia, Piazza Manifattura 1, 38068 Rovereto , TN, Italy
Type of business or sector	Education, Building Industry, Sustainability, Innovation and Market Transformation
Dates	November 2013 - September 2018
Occupation or position held	<b>Head of Environmental Services (Part time activities)</b>
Main activities and responsibilities	Green Building & Energy Consultancy - LEED AP BD+C - Expert in energy management . Within the integrated workflow of Progetto CMR I work on 3 main topics: 1. Design Optimization during the design phase through dynamic energy simulation analysis 2. Energy saving during the Operation and Maintenance phase with simulation audit approach. 3. Green Building Certification and environmental consulting services. I have practical experience with LEED, Breeam , WELL and Living Building Challenge protocols in more than 300.000 m2 of certified/under certification buildings. Main activities was: Lendlease' Spark One development, Beni Stabili's The Sign Development, Salvatore Ferragamo new Warehouse and office in Osmannoro, Lamborghini's new office in Sant'Agata and many many others. Speaker within several conference such as Greenbuild Euromed promoted by USGBC and GBC Italia, and Rebuild Italia.
Name and address of employer	Progetto CMR srl, C.so Italia, 68 - 20122 Milano (Italy)
Type of business or sector	International Design Firm, Building Industry
Dates	November 2011 - 2018
Occupation or position held	<b>Adjunct Professor into 2<sup>nd</sup> level Masters on sustainability topics</b>
Main activities and responsibilities	Designer and teacher of the "Rating system education module" within the "2 <sup>nd</sup> level Master "Sustainable Construction Process" of University of Venice IUAV from 2011 to 2018. Designer and Teacher of the module "Wellbeing in Building, WELL AP exam prep Module within the 2 <sup>nd</sup> level Master "Sustainable Construction" of Polytechnic of Milan. Within my module I teach : <ul style="list-style-type: none"><li>- regenerative approach</li><li>- green building rating system</li><li>- LEED GA Exam Prep and WELL AP Exam Prep</li><li>- Effective communication</li></ul> During those years I taught annually a variable number of hours, from 30 to 50 (the curricula had same modification during the years)
Name and address of employer	IUAV, University of Venice, Santa Croce 191 Tolentini, 30135 Venezia, Italy Polytechnic of Milan, Piazza Leonardo da Vinci, 210133 Milan, Italy
Type of business or sector	Education - Innovation
Dates	November 2011 – February 2012
Occupation or position held	<b>Professor's Assistant into the "Sustainable Architecture" curricula, prof. Marco Filippi</b>
Main activities and responsibilities	Within this curricula I taught green building rating system and LEED Protocol for 20 hours within a course that is 60 hours long. Research Field: Sustainable Approach, Quality Control In building sector, Commissioning
Name and address of employer	Polytechnic of Turin, Corso Duca degli Abruzzi, 24 10129 Turin, Italy
Type of business or sector	Education

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2009 - 2017</p> <p><b>Teacher</b> in many master by several universities (the collaboration with University of Venice, I'm adjunct professor there, is mentioned above due to the long time relationship)</p> <p>Lecturer in many masters and curricula offered by several University (length of the lessons: from 8 to 40 hours) on the following topics: Building environmental evaluation, LEED Protocol, International rating system, Energy Audit, Commissioning, Integrative design.</p> <p>2009: Lecturer within the PhD School (Evaluation Methodology applied to building sector), University of Naples, Via Giovanni Paladino, 39 80138 Napoli, Italy</p> <p>2009: Lecturer within the Master in Bioecologic Architecture, La Sapienza, University of Rome, Piazzale Aldo Moro, 5 00185 Roma</p> <p>2010: Lecturer within the Master in Sustainable Architecture, European Design Institute (IED), via A. Sciesa, 4 20135 Milano, Italy</p> <p>2010: Lecturer with the "Building Evaluation" (prof. Sergio Mattia), Polytechnic of Milan, Piazza Leonardo da Vinci, 32 20133 Milano, Italy</p> <p>2012: Lecturer within the Sustainable Architecture course, Polytechnic of Turin, Corso Duca degli Abruzzi, 24 10129 Turin, Italy</p> <p>2013: Lecturer within the Master in Architecture (Project Appraisal module), Polytechnic of Milan, Piazza Leonardo da Vinci, 32 20133 Milano, Italy</p> <p>2014: Lecturer within the Architectural Composition course (prof. Sergio Boidi, prof. Alessandro Meda), Polytechnic of Milan, Piazza Leonardo da Vinci, 32 20133 Milano, Italy</p> <p>2015: 1 hour of lesson within Master Lighting Design &amp; LED Technology, Politecnico di Milano Via Durando, 38/A 20158 Milano</p> <p>2015: Lecturer within the Master in BioArchitecture and energy efficiency, Università di Cagliari, via Marengo, 2- 09123 CAGLIARI</p> <p>2016- 2017: 1 hour of lesson within Master Lighting Design &amp; LED Technology, Politecnico di Milano Via Durando, 38/A 20158 Milano</p> <p>Education</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>September 2007 – April 2009</p> <p><b>Project Manager</b></p> <p>Project Manager and LEED AP for many projects. Member of the core staff of Habitech, the founding member of Green Building Council Italia, I worked on energy&amp;atmosphere topics, HVAC plant and dynamic energy simulation. LEED Consultant for the first Italian registered projects.</p> <p>Habitech, Distretto Tecnologico Trentino, Piazza Manifattura 1, 38068 , Rovereto (TN) Italy</p> <p>LEED Certification, Building Industry, Innovation</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>March 2008 – February 2009 (part time)</p> <p><b>Mechanical Engineer</b></p> <p>Dynamic Energy Simulation, HVAC designer</p> <p>TESI ENGINEERING, via Brennero 167, Trento, Italy</p> <p>Mechanical Engineering</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>2015 - now</p> <p><b>Professional Photographer and Writer (only for special projects)</b></p> <p><i>Social and environmental photography:</i></p> <p>in 2019 I started to introduce a social and environmental point of view in my artistic production:</p> <p>2019 - La nuova ecologia - Melting Glacier Reportage</p> <p>2019 - IL magazine del Sole 24 ore - Colombia Reportage , photos of mine, text of Emanuele Bompan</p> <p>2019 - La Stampa - Reportage on glaciers suffering the climate change, photos of mine, text of Emanuele Bompan</p> <p><i>Art and Architecture photography</i></p> <p>After a long experience in the building industry I start to merge my technical know how with my artistic view.</p> <p>2017: San Nicolao project's reportage, work made for Progetto CMR.</p> <p>2016 - Artes / Xmq of pit, ready for the mosh!, curated by Valentina Lacinio and Andrea Bruciati, Art Verona; Verona (IT)</p> <p>2015 : 1metre column for 1883 Magazine, a project with artist Caterina Rossato, London (UK)</p> <p>2015: First Prize, Next Landmark, Floornature International Architecture and Urban Photography Contest, Milano (IT)</p> <p><i>as a Writer:</i></p> <p>2019 - Alessandro Speccher, Recognising Resources Are Limited by Granting Them an Identity, Renewable Matter #26, 2019 ISSN 2385-2240</p>

Name and address of employer  
Type of business or sector  
Alessandro Speccher, via Cavour 45A, Castione di Brentonico (TN), Italy  
Press, communication, art

Dates  
March 2004 – June 2008

Occupation or position held  
**Teacher - Tutor**

Main activities and responsibilities  
Information Technology Teacher for 2 companies (listed below) on the following topics:  
- Training for ECDL exam - IT introduction (basic knowledge)  
- Office Suite - Photoshop

Name and address of employer  
DBF Informatica snc, Via Ergisto Bezzi 38068 Rovereto Trento, Italy  
Delta Servizi srl, Via Bassa, 42 Trento, Italy

Type of business or sector  
Education – Information Technology

Dates  
1996 - 2003

Occupation or position held  
**Chef de Partie - Sous Chef - Chef**

Main activities and responsibilities  
Manage the second course line in \*\*\*\* Hotel in Dolomites and Chef for a catering service company

Name and address of employer  
Hotel Medil \*\*\*\*, Campitello di Fassa, Trento, Italy (1996-2000)  
Il Desco, Catering Services, via Battisti 13, Calliano (TN) Italy

Type of business or sector  
Food & Tourism

### Education and training

Dates  
2001 - 2007

Title of qualification awarded  
Bachelor in Environmental Engineering

Principal subjects/occupational skills covered  
Building Sustainability

Name and type of organisation providing education and training  
University of Trento

Level in national or international classification  
University

Dates  
1995 - 2000

Title of qualification awarded  
High School Diploma – qualified as a Teacher for Elementary School

Principal subjects/occupational skills covered  
Psychology and Pedagogic Methodology for Elementary School's Children

Name and type of organisation providing education and training  
Istituto Magistrale Fabio Filzi, Rovereto, TN, Italy

Level in national or international classification  
High School

### Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment  
*European level (\*)*

**English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	C2	C1	C1	B1

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences	<p>Sustainability requires an integrative approach, I attended several classrooms in the USA, with USGBC, on integrative design approach and collaborative design.</p> <p>With my wide experience as a teacher and a professional speaker I attained very good communication skills.</p>
Organisational skills and competences	<p>During my working life I managed lot of topics, from food to knowledge. Although those experiences my principal competences are on innovation and not on organisational aspects.</p> <p>In 2009 I attended a course in Project Management, that course was 80 hours long and made in collaboration with Habitech, PK Consulting and Essedi Strategie d'Impresa.</p>
Technical skills and competences	<p>LEED AP BD+C, WELL AP , LFA, Fitwel Ambassador</p> <p>USGBC Faculty, WELL Faculty</p> <p>GBC Italia Faculty,</p> <p>P.E. (section B)</p> <p>Qualified Auditor in accordance with ISO 19011:2012</p> <p>Qualified Auditor in accordance with ISO 50001</p>
Computer skills and competences	<ul style="list-style-type: none"> <li>- European Computer Driving License;</li> <li>- Deep knowledge: Windows XP Operative system, Macintosh OS X, Designbuilder, Microsoft Office, Photoshop, Joomla CMS, Internet</li> <li>- Basic knowledge: Linux Suse 10, Video Editing, Autocad, Archicad</li> </ul>
Artistic skills and competences	<p>Analog / Digital Photography.</p> <p>My artistic work published on: <a href="http://www.vogue.it/photovogue/Profilo/31725005-42fd-4635-bdb0-2a6f4e071657/User">http://www.vogue.it/photovogue/Profilo/31725005-42fd-4635-bdb0-2a6f4e071657/User</a> and available here: <a href="http://photovogue.artandcommerce.com/artist-detail.php?artist_id=13423">http://photovogue.artandcommerce.com/artist-detail.php?artist_id=13423</a> . More information on my website: <a href="http://www.speccher.com">www.speccher.com</a></p> <p>I started to study piano in 1992 and until 2008 I had hundred exhibitions with several different bands, from piano solo (jazz) to contemporary music orchestra director (Gruppo Sperimentale Riccardo Zandonai), from traditional music (Canta storia) to electronic music (with dj 5<sup>th</sup> suite).</p>
Other skills and competences	<p>During my first 5 years of activity within the building industry I spent lot of my working time abroad, mostly in the USA (Washington DC, Chicago, New York, Phoenix, Grand Rapids, Boston), but also in Canada (Toronto and Ottawa), Spain (Barcellona), UK (London), Germany (Stuttgart), India (Mumbai and New Delhy).</p> <p>Colombia, Morocco, Caribe, Poland, Albania, Bosnia- Erzegovina, Greece are other countries that I visited.</p> <p>Those travels gave me an high adaptability to different conditions.</p>
Driving licence	<p>Driving License for:</p> <ul style="list-style-type: none"> <li>- car</li> <li>- motorbike</li> <li>- sailing boat and motorboat with no limits of distance from the coast</li> </ul>

## Publications

- Best practices in order to achieve operative Net Zero Performances, Short Test Scientific Mission final report, European Cooperation in Science and Technology, Cost Action 16114 – Rethinking Sustainability Towards in Regenerative Economy
- La nuova Ecologia, Melting Glacier Reportage, reportage with Emanuele Bompan's text, 2019 ISSN 1127-686x
- Alessandro Speccher, Recognising Resources Are Limited by Granting Them an Identity, Renewable Matter #26, 2019 ISSN 2385-2240
- IL , IDEE e LIFESTILE, #111 , Sole24ore, reportage with Emanuele Bompan's text, 2019 ISSN 977197430700680099
- Alessandro Speccher, Sostenibilità divergente, IoArch n°46/2016,
- Alessandro Speccher, *Sostenibilità: un cambio di paradigma, un nuovo modo di guardare la realtà*, IUAV Giornale dell'università, n°114/2012, Università IUAV, ISSN 2038-7814
- Giuliano Dall'O', **Alessandro Speccher**, Elisa Bruni , *The Green Energy Audit, a new procedure for the sustainable auditing of existing buildings integrated with the LEED Protocols* , Sustainable Cities and Society , Elsevier 2012, ISSN: 2210-6707
- I wrote section 1.8 of : Giuliano Dall'O', *Green Energy Audit: Manuale operativo per la diagnosi energetica e ambientale degli edifici*, Edizioni Ambiente 2011, ISBN 978-88-6627-009-6
- Alessandro Speccher, *Il sistema di certificazione LEED*, Arketipo n°47/Dicembre 2010, Il sole 24ore , ISSN: 1828-4450
- Alessandro Speccher, *Sustainability of buildings: the LEED rating systems and theirs introduction in Italy*, *ATTI E RASSEGNA TECNICA - SOCIETA' DEGLI INGEGNERI E ARCHITETTI IN TORINO 2011*, SIAT, ISSN: 0004-7287
- Alessandro Speccher, *The LEED Protocols: going over the rating system*, pp.58-60 *QUALENERGIA settembre/ottobre 2010*, ISSN: 1590- 0193

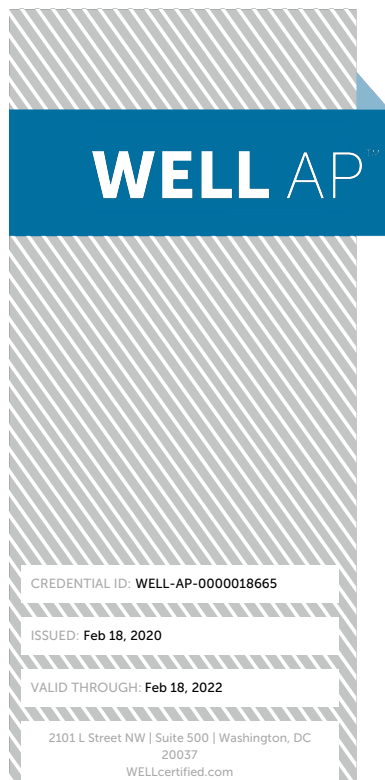
## Academic one time activities:

- During the last 10 years I taught several seminar (4 hours long) on the sustainable approach topics, in many Universities (in brackets are reported the professor's name that hosted the seminar):
- University of Naples, Faculty of Architecture (prof. Fusco Girard)
  - University of Florence, Faculty of Architecture (prof. Maria Antonietta Esposito)
  - University of Trento, Faculty of Engineering (prof. Paolo Baggio)
  - Polytechnic of Turin, Faculty of Architecture (prof. Marco Filippi)
  - Polytechnic of Milan, Faculty of Architecture (prof. Andrea Dragoni, prof. Sergio Mattia, adj prof. Alessandro Meda)

Dichiarazione sostitutiva di certificazione - art. 46 e 47 del DPR 445/2000 Consapevole che le dichiarazioni false comportano le applicazioni delle sanzioni penali previste dall'art. 75 e 76 del DPR 445/2000, dichiaro che le informazioni nel cv sono veritiere"

**Allegato: Projects (extract, last 5 years)**

committente	rating system	stato	Certificazione raggiunta/obiettivo	attività	superficie
gruppo bancario	LEED CS v3	under Combined Review	platinum	LEED Design / ADMINISTRATION	3208
gruppo bancario	LEED CI v3	under Combined Review	platinum	LEED Design / ADMINISTRATION	1200
Fondo d'investimento	LEED CS v3	Certificato	platinum	LEED Design + ADMINISTRATION	12500
Fondo d'investimento	LEED CS v3	Design Reviewed under construction	platinum	LEED Design + ADMINISTRATION	11500
Fondo d'investimento	LEED CS v3	Design Reviewed under construction	platinum	LEED Design + ADMINISTRATION	4750
Università	LEED NC v3	under construction	gold	LEED CONSTRUCTION	20000
Società internazionale di logistica	LEED NC v3	Design Reviewed	silver	LEED Design / ADMINISTRATION	9704
Società internazionale di logistica	LEED NC v3	design reviewed, under construction	silver	LEED Design / ADMINISTRATION	28270
Fondo d'investimento	LEED v4	under design review	gold	LEED Design consultancy	24000
Luxury Brand	LEED NC v3	Certificato	platinum	LEED CONSTRUCTION	3200
Centro di Ricerca	BREEAM NC	Certificato	Very Good	BREEAM CONSTRUCTION consultancy	3500
Luxury brand	LEED NC v3	Certificato	platinum	LEED CONSTRUCTION	35000
Developer	LEED v4	under construction	platinum	LEED architectural Design consultancy	37594
Developer	Well v1	under construction	platinum	WELL architectural Design consultancy	37594
Fondo d'investimento	BREEAM in USE	Certificato	Very Good	BREEAM administrator	4000
Developer	LBC, LEED v4	under construction	Platinum	Environmental Consultancy	900
Impresa di Costruzioni	LEED 2009	under construction	Gold	LEED CONSTRUCTION	25.000







HEREBY RECOGNIZES

# Alessandro Speccher as a Fitwel Ambassador

June 17, 2020

Fitwel is the premier certification system for optimizing building design and operations to support health and well-being. Fitwel Ambassadors are well-versed in the evidence-based connection between design and health, and have a clear understanding of how to integrate the Fitwel Strategies into projects and portfolios.

  
Joanna Frank, President & CEO, Center for Active Design

  
Reena Agarwal, Chief Operating Officer, Center for Active Design



Fitwel & Design is a registered trademark of the U.S. Department of Health & Human Services (HHS). Participation by The Center for Active Design and/or any other organization does not imply endorsement by HHS.

## Allegato: Accreditations (actually not maintained)



### CERTIFICAZIONE DEL PERSONALE

PERSONNEL CERTIFICATION

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CERTIFICATO N° **16-03324**

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PERSONA CERTIFICATA

**Alessandro Speccher**  
nato a Rovereto (TN) il 16/02/1980  
CF: SPCLSN80916H612B

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OGGETTO DEL CERTIFICATO

**ESPERTO IN GESTIONE DELL'ENERGIA**  
SETTORE Civile

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NORME DI RIFERIMENTO

UNI CEI 11339:2009

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SISTEMA DI CERTIFICAZIONE

Condizioni Generali di Contratto - PS DOC 01  
Regolamento Tecnico - PS DOC 02 EGE  
Schema di certificazione elaborato secondo l'art. 12 comma 1 del D.Lgs. 4 luglio 2014 n° 102 con riferimento al Decreto Direttoriale del 12 Maggio 2015.

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PRIMA EMISSIONE First Issue	EMISSIONE CORRENTE Current Issue	SCADENZA Expiry
24/03/2016	24/03/2016	23/03/2021

  
**ING. LORENZO ORSELLO**  
 DIRETTORE GENERALE

ACCREDITA 

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