

EUROPASS
CURRICULUM VITAE



PERSONAL INFORMATION

First name / Surname	STEFANO SESANA
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Certified e-mail	stefano.sesana@ingpec.eu
Nazionalità	Italian
Birthplace and date of birth	ROMA, 25. V. 1963
Marital status	Married, 3 children

WORK EXPERIENCE

Date	<u>Since 1996 and now</u>
Position held	Partner of the associated firm SCL- Ingegneria Strutturale (www.scl-ingegneria.it) Since 1996 I have been carrying out my professional activity in the context of the Associated Firm SCL Structural Engineering, as Designer, Works Manager and Inspector of reinforced concrete and metal carpentry works, with a prevalence of professional assignments in the civil, industrial and logistics sectors. As partner of the Associate Firm, in addition to technical direction and supervision, I play a managerial role in the administrative, technical-economic and organization of, both internal and external resources. I also take care of the commercial and technical-economic management of the Clients and projects for which I am responsible. The main areas I deal with are industrial and logistics structures. In these sectors I am in charge of some of the main clients of the Firm such as: Procter & Gamble, IKEA, Amazon, Zalando in the logistics field. Comeca, Alstom, Hamon, Degremont Suez in the industrial sector.
Date	<u>Since 2021 and now</u>
Position held	Technical Chairman of F.E.M. - Product Group Racking and Shelving.
Date	<u>Since December 2013 – and now</u>
Position held	Deputy Secretary of WG1 of the ERF (European Racking Federation) and, from 2015, of CEN TC / 344, for the revision of the European standard EN15512 for the design of industrial pallet racking.
Date	<u>Since February 2012 and now</u>
Position held	Coordinator of the WG5 “Seismic design” working group of CEN / TC 344 for the development of the new European Standard for the anti-seismic design of industrial pallet racking type shelving.
Date	<u>2007 – 2012</u>
Position held	Member of the del Board of the European Racking Federation (ERF) for the development of the technical standard FEM 10.2.07 for the design of industrial drive-in shelving.
Date	<u>2004 - 2008</u>
Position held	Consultant for ACAI (Italian Association of Steel Constructors) “Poles” section and monotubular towers. Development of a specialized calculation procedure for the design and verification of lighting poles.

Date	<u>2005 - 2006</u>
Position held	Counselor of IGQ Committee - Istituto Italiano di Garanzia della Qualità (Italian Institute of Quality Assurance, accredited by ACCREDIA) for the CE certification of lighting poles; activity subsequently developed by another engineer collaborating with the Associated Firm.
Date	<u>1990 - 1995</u>
Position held	Professional collaboration at Studio BCV Progetti – Milano. Structural Engineering firm of Prof. Eng. Giulio Ballio, Dott. Eng. A. Vintani and Dott. Eng. C. Raffa. Position held: assistant in design and in work management
<u>RESEARCH</u>	
Date	<u>2017 – and now</u> Fastcold Research (research funded by the European Community), on fatigue in thin profiles, SCL referent as scientific partner.
Date	<u>2017 – and now</u> Steelware Research (research funded by the European Community), on the design methods of self-supporting warehouses. As part of the collaboration between Studio SCL and ACAI - Italian Association of Steel Constructors - I participated in research related to the study of seismic behavior of industrial shelving in collaboration with "Politecnico di Milano" and other European Universities.
Date	<u>2012 – 2014</u> Seisrack 2 Research (research funded by the European Community), SCL referent as scientific partner.
Date	<u>2010 – 2012</u> Seisrack 1 Research (research funded by the European Community)
Date	<u>2008</u> As part of the European Ecolader research: full scale tests on a vibrating table performed at the University of Athens.
Date	<u>2006</u> On behalf of ACAI: full scale tests on a vibrating table performed at the University of Athens for the study of shelving seismic isolation.
<u>MAIN REFERENCES RELATED TO DESIGN, WORK MANAGEMENT AND TESTING</u>	
<u>INDUSTRIAL</u>	<p>BRIANZA ENERGIA AMBIENTE (Brianza Energy environment). Technical-administrative testing of the upgrade works of the MSW treatment plant in Desio - member of the testing commission as a structures expert (2015-2018).</p> <p>HAMON RESEARCH COTTRELL. Executive design of SCRUBBERS structures for urea abatement. ASCE7 - AISC - ASME standards</p> <p><u>2007</u>- Abu Dhabi (Snamprogetti) – Tatarstan</p> <p><u>2008</u> - QAFCO 5 and 6 - Qatar (Snamprogetti)</p> <p><u>2009</u> - Arzew - Algeria (Mitsubishi)</p> <p><u>2014 – 2015</u> - Executive and construction design of bag filters structures - BV-JAVA; Executive and construction design of steel structures for smoke treatment plants; ERG refinery in Priolo Gargallo (Siracusa); Steel support structures for electrostatic precipitator.</p> <p>TURBOSONIC INC. ITALIAN BRANCH MEGTEC – DURR. Design of venturi scrubbers (pressure equipment for the petrochemical industry) ASME VIII div. 1 and 2 standards</p> <p><u>2015 – 2017</u> Tecnicas Reunidas – PetroPeru (Peru)</p> <p><u>2013</u> - Tecnicas Reunidas - Hellenic Petroleum (Greece)</p> <p>SPX COOLING TECHNOLOGIES. Executive and construction design (law 1086) of steam condenser structures.</p> <p><u>2009</u> - SORGENIA POWER PLANT, Turano Lodigiano (Ansaldo)</p> <p><u>2011</u> – THERMAL POWER PLANT TORINO NORD (Iren Energia)</p> <p>COMECA S.p.A. Executive and construction design of dedusting's fumes metal structures and steel plants (extraction hoods, filters, chimneys, pre-separation, quenchers, ducts, supports).</p> <p><u>2018-2019</u> Steel Mill Cogne Acciai Speciali (CAS). Aosta, Italy. Construction of a new UHP extractor hood and new fumes line, including aspiration from the new dog-house.</p>

2018 – 2019 HES Steel mill Henningsdorf (Germany). Installation of a new quench tower and suction enhancement.

2004-2011 - FERRIERE VALSABBIA Odolo (Brescia - Italy)

Enhancement of primary and secondary flue gas systems New secondary suction hood, pre-separation group and active carbon, ducts and support.

2004-2005 - ASIC – SICILY STEEL MILL (Catania - Italy)

Upgrading of the fume extraction plant.

2005-2006 - ESF Steel mill, Riesa (Germany, Feralpi Group)

New fume extraction and dedusting plant.

2006-2007 - FERALPI STEEL MILL, LONATO (Brescia - Italy)

New primary and secondary fume extraction and dedusting plants.

2006-2007 ALFA ACCIAI STEEL MILL (Brescia – Italy)

New primary and secondary fume extraction and dedusting plants from EAF1 and EAF2 furnaces.

2003-2008 STEEL MILL, Calvisano (Brescia - Italy)

Upgrading of fume dedusting plant.

2008-2009 - ORI MARTIN STEEL MILL (Brescia - Italy)

Upgrading of the fume dedusting plant.

2008-2009 - VALSUGANA STEEL MILL (Trento - Italy)

New fume dedusting plant.

DEGREMONT SUEZ Italia; Executive design of metal structures and plants for the treatment of sludge produced by water purification.

2010-2011 - Municipality of Le Havre (France) Sludge incineration plant (executive design).

STFE Ecologia; Executive and construction design of steel structures plants in the steel industry.

2006 – ASIC – SICILY STEEL MILL (Catania - Italy)

Aeraulic screening plant

2007 - LUCCHINI - LOVERE PLANT (Brescia - Italy). New secondary extractor hood

2007-2008 - ARVEDI STEEL MILL (Cremona - Italy)

Fume extraction and treatment system of the new steel plant

BOLDROCCHI ECOLOGIA; Executive and construction design of the steel structures of new fume extraction and treatment plants

2002 – SOLLAC STEEL MILL, Dunkerque (France)

Torpedo car wash station

2002 – MARCINELLE STEEL MILL (Belgium - Riva Group)

Structures for the new dog-house

2003 - SAM STEEL MILL, Montreau (France - Riva Group)

Structures for the new flue gas plant

2004-2005 - BUZZI-UNICEM GROUP

Structures for fume dedusting plants (Barletta and Spoleto – Italy)

2003 e 2007 - FANNA PLANT (Udine - Italy)

Metal structures of the new bag filter

BIMEC - LUCCHINI PLANTS; Executive and construction design of metal structures for fumes dedusting and plants in the steel industry (extraction hoods, filters, chimneys, pre-separation, ducts, supports)

2000 – 2001 ASCOMETAL PLANTS, Dunkerque and Allevard (France)

New fumes plant

2001 – 2005 LUCCHINI PLANT, Piombino (Italy)

Casting machine

Revamping of secondary plant for converter building

Fume extraction hood from converter building

2003 - 2004 LUCCHINI PLANTS Servola, Trieste (Italy)

Casting machine and Casting shed: foundations and elevated structures of the flue gas system o

ALFA ACCIAI

2007 Executive and constructive design of the structures and mechanics of Oven 2 compartmentation (soundproof wall and swing door with guillotine moved by actuators)

AREA IMPIANTI Executive and construction design of the steel structures of new electrostatic precipitators for the treatment of fumes in glass production plants

CIVIL ENGINEERING

2005-2006 AVIR Aprilia (Latina - Italy)
2006 - SAINT GOBAIN Aniche e Chanteraine (France)
2007 - SAINT GOBAIN Chalon (France)

PROCTER & GAMBLE Italia S.p.A.

2009 Gattatico Plant (Reggio Emilia - Italy)
Logistics center: static testing of the seismic adaptation of the warehouses structures (Phase 1)
2008 Pomezia Plant (Roma - Italy)
Logistics center: static testing of the seismic adaptation of warehouse B structures
2000 Campochiaro Plant (Campobasso - Italy)
Executive design of the anti-seismic adaptation, to UBC-97 standards,
of the prefabricated reinforced concrete warehouse structures during the construction phase.

PORTOVESME s.r.l.

2008 Executive design of the structures of the new electrolytic zinc production plant: three steel sheds, one prefabricated reinforced concrete shed with direct foundations;
Foundations, direct and on piles, of buildings, tanks and plants.

S. GIUSEPPE LAVORATORE PARISH, Cernusco sul Naviglio (Milano, Italy)

2007 Paul VI Oratory. Responsible and Inspector for the works in c.a. of the new oratory.
TEKNE S.p.A.

2001 Executive design of the new STIHL compound structures in Cambiago (Milano - Italy).

LOGISTIC STRUCTURES

IKEA Italy Distribution

2021 Italy, Piacenza Logistics Center - DC2 - Module 5. Works management, to 1086 law, of the structures for the installation of new anti-seismic shelving.

2018-2019 Italy, Piacenza Logistics Center - DC2 - Module 7. Works management, to 1086 law, of the structures for the installation of new anti-seismic shelving.

Zalando Italy

2018-2020 Zalando new logistics center in Nogarole Rocca (Verona, Italy). Works management, to 1086 law, of the structures for the logistical outfitting.

SSI Schaefer Italia

2018-2019 Zalando new logistics center in Nogarole Rocca (Verona, Italy). Design, to 1086 law, of the pick tower and conveyor structures.

BITO Italia

2016-2017 Fiege logistics center in the Business Park of Stradella (Pavia, Italy). Design, to 1086 law, of the structures of two new pick towers.

DEMATIC Italy Structural design of automatic multi-shuttle shelving:

2017 Polo (Teolo – Padova, Italy)

2018 Aispag (Monselice – Padova, Italy)

2019 Teddy (Gatteo - Forli-Cesena, Italy)

2019 Amadori (San Vittore – Forli Cesena, Italy)

2019 Kering (Trecate – Novara, Italy)

ELETTRIC80

2016-2018 Circleville, Ohio, USA. For Sofidel America, design and technical supervision during the assembly of a self-supporting automatic warehouse.

EAB Structural design, in seismic areas, of radioshuttle type shelving

2018 Piccoli – Alzano Lombardo (Bergamo, Italy)

2018 Borghi Group – Ravarino (Modena, Italy)

2019 Pronto Food – Montichiari (Bergamo, Italy)

2017-2019 Renner – Minerbio (Bologna, Italy)

2014 Bunge – Ravenna, Italy

2014 Alce Nero - Castel San Pietro (Bologna, Italy)

MECALUX/Esmena

2011-2014 Conselice (Ravenna, Italy) for Surgital S.p.A. on behalf of Swisslog Italy. Design and construction management, to 1086 law, of self-supporting warehouse for cold storage.

Amazon Logistic Italy

2013-2014 Logistics center of Castel S. Giovanni (Piacenza, Italy). Static testing, during construction (Law 1086), of the pick towers.

MODUL BLOCK S.p.A

2008 Executive design of anti-seismic shelving for an automatic warehouse to be built in La Miranda, California, USA

METALCOOP s.c.a.r.l. Design of industrial shelving for Ipercoop warehouses in Italy and Croatia.

1997-2005 ITALY: Bari, Surbo (Lecce), Vigevano (Pavia), Lastra a Signa (Firenze), Sesto S.

SPECIAL ACTIVITIES IN LOGISTIC
STRUCTURES (RACKS, SHELVING
AND FLOORING)

Giovanni (Milano), Milano, Sesto Fiorentino (Firenze), Cuornè (Torino), Cuneo, Sarzana (La Spezia), Cascina (Pisa), Novate (Milano), Ferrara, Arezzo, Cesena, Vignate (Milano), Beinasco (Torino), Porto d'Ascoli (Ascoli Piceno), Carasco (Genova). CROATIA: Osijek and Spalato

CONSTRUCTOR DEXION Italy

2000 OPEL ITALIA - Distribution center of Fiumicino (Rome, Italy). Executive design and construction supervision of the rack shelf.

1998-2000 STIHL - Cornaredo logistics center (Milan, Italy): Construction management of the pick tower of light shelving.

ARMES S.p.A.

1998 BINDI - S. Giuliano M.se (Milano, Italy). Design of shelving and metal support structures for cold storage systems

1999 ENEL Cagliari (Italy)

Self-supporting warehouse in the inter-zonal center of Sardinia Region. Design of the metal structures.

IKEA Retail Italy Feasibility studies, design, construction management and testing of shelving seismic improvement interventions.

2012-2014 Sales points of Salerno, Rimini, Villesse (Gorizia), Collegno (Torino), Parma, Carugate (Milano), S. Giuliano (Milano) - Interventions carried out on behalf of the shelving manufacturer.

2013 Sales points of Brescia, Ancona, Padova, Genova: feasibility studies related to shelving seismic adaptation.

2013-2014 Design, on behalf of the manufacturer Tegometall, of shelving installed in the shops of Bologna-Casalecchio, Pisa, Corsico (Milano)

Amazon Logistic Italy Logistic center of Castel S. Giovanni (Piacenza)

2013-2015 Static testing (law 1086) of multilevel shelving with service floors and mezzanines in carpentry (pick towers)

2012 Technical specifications, testing and third authority inspections for the design and installation of pallet racking.

Procter & Gamble EMEA area (Europe, Africa, Asia) - Static testing and third authority inspections of industrial shelving design and installation.

1996 – and now

Italy: Campochiaro (Campobasso), Gattatico (Reggio Emilia), Pomezia (Roma)

Germany: Euschirken, Weiterstadt (WELLA), Craisheim

Great Britain: West Thurrok (London), Skelmersdale

France: Amiens, Paris (ROCHAS)

Spain: Matarò

Greece: Athens

Poland: Warsaw, Alexandrow Lodzki

Romania: Timisoara, Urlat (Bucharest)

Hungary: Budapest

Czech Republic: Rakona

Turkey: Sekerpinar, Gezbe

Morocco: Ain Sebaa (Casablanca), Mohammedia

Egypt: 6th of October City (Cairo)

Russia: Novomoskovsk

China: Tianjin, Guangzhou, Taicang

India: Mandideep

Thailand: Bangkok

Korea: Chonan

Philippines: Cabuyao

Nigeria: Ibadan, Lagos

South Africa: Johannesburg

Procter & Gamble Third authority inspections, on behalf of Procter & Gamble, related to the design of self-supporting automatic warehouses carried out, in Europe (activity partly shared with the partners of Studio Associato SCL)

2005 Great Britain: Skelmersdale e West Thurrok

2008 Germany: Weiterstadt (WELLA)

2009 Great Britain: Manchester

AJ Produkter AB Halmstad, Sweden Collaboration in the development of the new corporate sector of industrial shelving

2014 - ongoing Design of a high-density storage shelving system: design and optimization of

<p><u>REFERENCES RELATED TO DESIGN, WORK MANAGEMENT AND TESTING SHARED WITH THE PARTNERS OF SCL INGEGNERIA STRUTTURALE, ENG. STEFANO CALZOLARI AND ENG. SILVANO LACAVALLA</u></p>	<p>components, design of specific solutions, coordination and processing of tests for the determination of project parameters (EN15512 standard), capacity calculation, consultancy on the development of a configuration software, training of the technical department staff</p> <p><u>2014</u> Certification of the capacity of current production racks (Company MetalDesign - Trnava, Slovakia): coordination and processing of tests for the determination of project parameters (Standard EN15512), calculation of standard configurations capacities.</p> <p>Tekne S.p.A. Final design of the new Varese Hospital "Clubhouse and Macchi Foundation"</p> <p>LMI Lazzari Montaggi Industriali Portovesme S.r.l. Steel and reinforced concrete load-bearing structures for the new cadmium plant and leaching plant</p> <p>Hamon Research Cottrell Italy S.p.A. Enichem P.to Torres. Fumes dedusting system</p> <p>Sirti S.p.A. FF.SS. Interconnection portals with one or more tracks</p> <p>Ponteggi Dalmine S.p.A. LEGOPRINT - Self-supporting warehouse</p> <p>Armes S.p.A. IRIS Ceramics. Self-supporting warehouse BORGOLON. Self-supporting warehouse DILAT. Self-supporting warehouse FEMI-CZ. Self-supporting warehouse SACART. Self-supporting warehouse</p>
<p><u>EDUCATION AND TRAINING</u></p>	<p><u>March 1998</u> training course for "Evaluators of Quality Systems" ISO 9000, organized by AICQ. Exam passed successfully.</p> <p><u>Since 1990</u> Enrolled in the professional register of the Milano Order of Engineers at n. 16176.</p> <p><u>1989</u> Politecnico di Milano - Graduated in Civil Engineering Specialization in Structural Engineering Graduation mark: 96/100.</p> <p><u>1982 High School Diploma: scientific High school</u> - Liceo parificato Leonardo Murialdo di Albano Laziale, Rome. Graduation mark: 60/60.</p>
<p><u>LANGUAGES</u> MOTHER TONGUE OTHER LANGUAGE</p>	<p>ITALIAN ENGLISH Understanding, Writing and Speaking: Proficient user</p>
<p><u>SKILLS AND COMPETENCES</u></p>	<ul style="list-style-type: none"> • Design of steel and reinforced concrete structures (civil and industrial areas) • Design, development and management of logistics structures (industrial shelving, self-supporting warehouses): structural calculation, experimentation, technical inspections • Seismic engineering • Stress analysis in civil and mechanical fields

Milano, 9.1.2023
Eng. Stefano Sesana

I authorize the treatment of my personal data