



PERSONAL INFORMATION

Davide Mescia



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-  Skype Davide Mescia

Sex Male | Date of birth 25/09/1977 | Nationality Italian

POSITION
PREFERRED JOB

Project Engineer

WORK EXPERIENCE

R&D Project Engineer

Asja Ambiente Italia S.p.A. (via Ivrea 70, 10098, Rivoli (TO), www.asja.biz)

Apr 2015 to present

TOTEM ENERGY srl

- Responsible for maintenance and improvement of management platform of the MCHP TOTEM: BOM, PDM, Standard Referent of Engineering Department and coordinator of corporate functions for the management of the process of product innovation and implementation in the MRP system
- Technical Adviser within working groups for the promotion of energy efficiency in associations (CTI, AICARR, Elettricità Futura). Speaker in Aicarr courses on microcogeneration.
- Responsible for certification of Totem to European Directive (GAD, BED, Machine Directive)

Mar 2008 – Apr 2015

ASJA AMBIENTE ITALIA SPA

- Responsible of R&D projects: planning of new projects, definition of objectives, identification of partners, research of public funding, establishing of timelines and project costs; coordination, managing of relationship with research institutions and partners; exploitation of results; technical and economic reporting to obtain contributions.
Main topics: Gas cleaning, Emissions reduction, Biogas and BioH₂ production via anaerobic digestion, Gas monitoring and sensing.
 - Project Management: planning, authorization and construction of renewable energy power plants fuelled by vegetable oils, biogas and landfill gas.
 - New business areas development: Micro CHP, Biomass Gasification, Business Opportunity abroad.
- Business or sector Renewables, Energy Efficiency and Environment

Jan 2007 – Feb 2008

Post-doctoral Fellowship

Material Science and Chemical Engineering Department, Politecnico di Torino

- Coordination of research activities and management of European research projects on Soot and NO_x emissions abatement, Environmental Catalysis and Steam Reforming .
- Research on diesel exhaust after treatment systems (SCR, DPF, H₂-SCR) in collaboration with private companies (General Motors, CRF Fiat, Iveco SpA , Comaglia SpA).
- Management of departmental laboratories: responsible for using and maintenance of analysis equipments (SMPS TSI, IR Analyzers, Chemiluminescence, FID, Paramagnetic, Gas Chromatography, others).

Business or sector Research

EDUCATION AND TRAINING

Jan 2004 – Dec 2006	<p>PhD in Chemical Engineering Level 8</p> <p>Material Science and Chemical Engineering Department of Politecnico di Torino</p> <ul style="list-style-type: none"> ▪ Thesis: "Catalytic After treatment of diesel exhausts". Development of catalytic DPF traps for particulate abatement. 										
Sep 1996 – Dec 2003	<p>Degree in Environmental Engineering</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Course</td> <td>Environment</td> </tr> <tr> <td>Registration</td> <td>1996-1997</td> </tr> <tr> <td>Date of graduation</td> <td>17 December 2003</td> </tr> <tr> <td>Thesis subject</td> <td>Catalytic Wall-Flow traps for Diesel Particulate abatement</td> </tr> <tr> <td>Thesis Type</td> <td>Experimental with Departmental Equipment</td> </tr> </table>	Course	Environment	Registration	1996-1997	Date of graduation	17 December 2003	Thesis subject	Catalytic Wall-Flow traps for Diesel Particulate abatement	Thesis Type	Experimental with Departmental Equipment
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Registration	1996-1997										
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Thesis Type	Experimental with Departmental Equipment										

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- | | |
|------------------------------------|--|
| Social and Communication skills | <ul style="list-style-type: none"> ▪ Team work: in Asja he worked in different multidisciplinary teams for the development of new projects and business opportunities. ▪ Good communication skills gained through the experience as Project Manager and Researcher in Asja: relationships with research institutes, business partners and suppliers. ▪ Speaking skills gained through the participation as speaker at national and international conference during the PhD and in Asja. |
| Organisational / managerial skills | <ul style="list-style-type: none"> ▪ Management and coordination skills acquired through the development of research and industrial projects. ▪ Leadership: responsible for a team of 10 people during post-doctoral fellowship. |
| Job-related skills | <ul style="list-style-type: none"> ▪ Specialization in exhaust gas after treatment and gas cleaning (during PhD). ▪ Specialization in Renewable Energy plant development and Energy Efficiency (in Asja). Knowledge of national and regional regulations in the field of renewable energy and environment. |

- Computer skills
- Excellent knowledge of Windows operating system and Microsoft Office™ tools (Word™, Excel™, Power Point™, Microsoft Outlook);
 - Use of the main browsers (Internet Explorer, Mozilla Firefox, Google Chrome);
 - Excellent knowledge of AutoCAD LT and Microsoft Project;
 - Basic knowledge of graphic design applications (Photoshop, Corel Draw), programming languages (Matlab, C++), simulation programs applied to Chemical Engineering (Aspen, Fluent) and process control (Labview).
- Driving licence
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ADDITIONAL INFORMATION

- Publications Co-author of about 20 publications in international journals and participation at national and international conferences on exhaust gas after-treatment, gas-cleaning and anaerobic digestion.
- Presentations
- Projects Since 2009, member of the Order of Engineers of Turin.
- Conferences
- Seminars
- Honours and awards
- Memberships
- References

Autorizzo il trattamento dei dati personali secondo l'art. 13 del D.LGS. 196/2003

