



Roberto Pagani

Professor of Architectural Technology and Environmental Design,
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Roberto Pagani is Full Professor of Building Technology and Environmental Design at Politecnico Torino (Italy). He is the Science and Technology Counsellor of the Italian Ministry of Foreign Affairs at the General Consulate of Shanghai, from 2016 to 2022.

Former researcher at Brookhaven National Laboratory, NY USA. Since the 1990s he is independent expert of the European Commission (DG Energy, DG Research) and project coordinator of many EU demonstration projects on renewable energies and sustainable urbanization. He is among the first in developing Sustainable Energy Action Plans at the city level in Europe. He is the initiator of the Smart City platform for the city of Torino; coordinator of the Smart Cities working group of Kyoto Club; member of the Steering Group Italy of the World Green Building Council. Since 2003, he has extended collaborations in China. He is the concept designer of the new Sino-Italian Science and Technology Park of Luoyang (Henan). He is also acknowledged as Visiting Professor at the Harbin Institute of Technology (HIT) and academic adviser of the Institute of Urban Planning and Design of the Jiangsu Province. From 2012 to 2015, Professor Pagani is mainly based in Beijing, at the Tsinghua University, as the EU co-Director of the Europe-China Clean Energy Centre (EC2), an initiative of the European Union in conjunction with the National Energy Administration (NEA) and Ministry of Commerce of China (MofCOM). In this role, he contributes to the EU-China Energy Cooperation Roadmap 2020, and to various energy programs among European and Chinese cities.

BIOGRAPHY

1953 - Born in Piacenza (I)

1972 - Scientific High School degree

1977 – Master Degree in Architecture at Politecnico di Torino

1979/80 - Researcher at Brookhaven National Laboratory, National Center for Analysis of Energy Systems, Upton, NY USA

1992–2016 Independent expert and evaluator for the European Commission

2003 – Full Professorship at Politecnico di Milano

2005 – Full Professor of Politecnico di Torino

2007 – Academic Advisor of the Institute of Urban Planning and design of the Jiangsu Province PRC

2011 – Visiting Professor at Harbin Institute of Technology (P.R.China)

2012 – Invited Professor at Curtin University, Perth (W.Australia)

2012–2015 EU Co-director of EU-China Clean Energy Centre (Beijing, PRC)

2016–2022 Science and Technology Counsellor of the Italian Ministry of Foreign Affairs and International Cooperation at the Consulate General of Italy - Shanghai PRC

Since the 1990s Pagani developed a dissemination activity of the information and knowledge coming from the various demonstration projects already developed in Europe with his research company Softech Total Environmental Action. In that period, he was an invited speaker in conferences and seminars in many countries: Italy, France, United Kingdom, The Netherlands, Belgium, Germany, Spain, Portugal, Greece, Denmark, Poland, Check Republic, Hungary, Russia, Romania, Cyprus, Brazil, and Japan. In 1995-2000, he established a European Group and co-ordinated the RESET Project "Renewable Energy Strategies for European Towns", among the cities of Barcelona, Glasgow, Grand Lyon, Torino, and St. Petersburg (as observer city). RESET conducted energy action plans in the four cities, with the involvement of the key players and with a final deliberation from the local authorities. In 1996, the RESET Network aggregated other relevant European cities: Rotterdam, Copenhagen, Porto, and South Dublin. RESTART, the new project, accomplished a targeted demonstration on sustainable building in the 8 participating cities, where the equivalent of 4.000 sustainable dwellings were developed, built, and monitored. Pagani was the European Co-ordinator of the project for the duration 1997-2002, in close relation with the 21 project contractors. Between 1996 and 2002 he was the methodology co-ordinator of the Urban Pilot Project of Torino: "The Gate: living not leaving", for the urban district of Porta Palazzo (Art. 10 ERDF Regulation). Member of Scientific Committees in Italy and abroad, he wrote more than 120 scientific publications, books, articles, mainly published on international magazines and conference proceedings.

Full Professor of Architectural Technology since 2003, he belongs to Politecnico di Torino, where he performed the Prolusion at the Inauguration of the Academic year 2007-2008 on the subject: "Architecture and Sustainability: Utopia or New Design Challenge?"

In the 2010's, he started a new zero-energy urban settlement (Concerto AL Piano) in the framework of the European CONCERTO Program, co-financed by the European Commission. The contract involves the participation of 16 partners in Italy, The Netherland, Portugal, and Hungary, for developing a sustainable urban demonstration project.

Roberto Pagani represented the EU Concerto Program in the SET Plan "Smart Cities Platform" (Stockholm 2009). His interests on sustainable cities lead him to be appointed by the City of Torino to plan and develop the platform for "Torino Smart City" and to coordinate the Italian Chapter of the Kyoto Club Smart Cities Working Group.

Since 2003, he has extended collaborations in China, where he is accredited as Academic Advisor of the Jiangsu Institute of Urban Planning and Design in Nanjing. Pagani is also acknowledged as Visiting Professor at the Harbin Institute of Technology (China), and at the Curtin University in Perth (Australia). He is the designer of the new Sino-Italian Science and Technology Park of Luoyang (Henan Province).

From 2012 to 2015, Roberto Pagani has been endorsed by the European Commission and by the EU Delegation to China as Co-Director of the Europe-China Clean Energy Centre, based in Beijing at the Tsinghua University. EC2 is an initiative of the European Union, in conjunction with the National Energy Administration (NEA) and Ministry of Commerce of China (MofCOM). In this role, he contributes to the EU-China Energy Cooperation Roadmap 2020, and to various energy programs among European and Chinese cities.

Since 2016, Roberto Pagani is the Science and Technology Counsellor of the Italian Ministry of Foreign Affairs and International Cooperation at the General Consulate of Italy - Shanghai where he cultivates the scientific and technological collaboration between Italian, European and Chinese universities, and research centres.