



VENETIAN HERITAGE CLUSTER

## PRESENTATION AND SHORT CV

### Introduction

**Venetian Heritage Cluster is the only productive cluster of cultural and environmental heritage in Italy.**

Its main target is to promote and coordinate national and international projects encouraging the collaboration between companies and institutions operating in these sectors.

The Venetian Heritage Cluster is the legal entity which manages the Venetian innovation cluster for cultural and environmental heritage, a network of enterprises, private and public organizations active in the cluster sectors of activity.

### Our Mission

**Venetian Heritage Cluster** coordinates and supports multidisciplinary public-private partnerships (PPP), enterprises, professionals, associations, public and private bodies, research institutes and all subjects interested in carrying out and promoting innovation projects, technological transfer and actions for the development of the Italian and international **productive supply chain** for the **conservation**, the **restoration** and the **valorisation** of the **Cultural** and **Environmental Heritage** in Italy and abroad.

### Our Vision

**Venetian Heritage Cluster** believes that Cultural and Environmental Heritage has an economic value that is fundamental for the development of our Country. That heritage must be preserved, valorised, promoted and developed. **Beauty** is an essential and inescapable asset for physical, psychological and spiritual well-being of human beings and a basic characteristic of our society. In order to maintain it we must develop a strong economy, able to innovate the knowledge about management of cultural heritage, landscape and environmental resources.

Here below are listed the main projects and activities carried out in the last years by the Cluster team.

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## **INTERNATIONAL PROJECTS**

- **ADRIA- HUB** (IPA Adriatic Cross border cooperation Programme 2007 – 2013)  
Bridge technical differences and social suspicions contributing to transform the Adriatic area in a stable hub for a sustainable technological development.
- **PROFILI Project: (Interreg ITA\_SLO)** Creation of a platform for the improvement of cross-border network in construction industry processes.  
Among partners: ANCE Venice (builders Association)  
The project will lead to create an information system to integrate and coordinate knowledge, skills and technologies in design, to implement management held by main protagonists in enlarged construction processes settled in this border area
- **MACC Project: Modern Art Conservation Center (Interreg ITA\_SLO)**  
Target: Creation of a center for coordination, research and restoration of modern and contemporary art.  
Partners: VEGA (Venice Science and Technology Park), Padua University -Department of Construction and Transportation, Fondazione Bevilacqua La Masa.  
The project was launched to create a center for cross-border coordination of existing scientific and technical expertise in contemporary art to support companies and institutions in research and implementation of restoration
- **Parafor Project - Argentina.** To promote and revitalize the wood industry, the Cluster, in conjunction with Veneto Agricoltura and ICE-Institute for Foreign Trade - initiated a project in Argentina.  
To better evaluate the opportunities offered by this project it aims to define tax breaks, incentives and co-financing with the provinces and the Argentine government. This will provide targeted information on possibilities for collaboration between Italian and Argentinean companies, in particular of the wood industry.
- **MAE Project** - China. Veneto Cluster as representative of Veneto Region works in synergy with other Italian Regions to evaluate such interventions can be carried out in China in the field of Cultural Heritage. Veneto Region has been identified as lead coordinator of activities and inter-actions, promoting the Italian cultural heritage system as the main interlocutor for China in Cultural Heritage activities.
- **Support and assistance** to companies for participation in international calls  
The Cluster supports and helps businesses in participating to international calls.
- **FLAA Project: (IPA)**  
Among Partners: ICE (Institute for Foreign Trade), Agemont Spa (Agency for Economic Development of the Mountain), FDL Services Ltd; Abruzzo Region - Department of Economic Development, Technological innovation and information technology, VEGA (Venice Science and Technology Park)  
The project aims to develop a series of activities to increase wood industry.
- **Collaboration with Turkish Ministry for Tourism and Culture and Ankara University.**  
Collaboration for the realization of agreement to develop training activities and execution of restoration projects. The activities will focus on testing Laser Scanner utilization.
- **Collaboration with the National Tourism Organisation of Cyprus (CTO)**  
Collaboration to define educational activities and courses for the enhancement of Cyprus Cultural and artistic heritage.
- **IKTIMED Project (MED) Increasing Knowledge Transfer and Innovation in the Mediterranean Area.**  
Target Project: to promote activities to support knowledge transfer and cooperation between public and private groups

- **SPINE Project (EUROPEAID)**  
Among Partners: Unioncamere Veneto.  
The project involves the development of a network to improve energy and environmental management in construction
- **Businesses support in international calls and tenders participation**  
The Cluster has cooperated with some companies for participation in international tenders concerning monuments and works restoration and conservation
- **Small Businesses Internationalization** - Programme for the Promotion of Veneto Production for the secondary sector  
Partners: CRACA, Confartigianato of Vicenza and others six Veneto companies.  
The project, dedicated to six Venetian companies active in the restoration of cultural and artistic craftsmanship, led to realize a Mission in St. Petersburg (19-22 November 2009) during which meetings were held between b2b representatives of Veneto and Russian companies. During meetings, the Cluster signed two agreements to promote collaborative activities for heritage preservation with the Russian Association of Restorers and St. Petersburg Union.
- **Participation to tender for Venetian walls of Nicosia Lighting**  
Partners: Italian and Cypriot companies  
For this project a working group was set up, with Italian leading experts in lighting and Cypriots counterparts. The project resulted the best project realized in the technical phase.
- **CINA: Charter for the Restoration Center of Scientific Studies on Cultural Heritage**: Scientific Veneto Cultural Heritage Cluster Group wrote this document in collaboration with Chinese Sciences Academy.  
Partners: Chinese Sciences Academy, National Research Council Icis, experts  
The Cluster was contacted by the Chinese Sciences Academy to develop a text containing the basics for creating a proper restoration stone materials, this is the **Restoration of Stone Materials. Technical and Methodological Synthesis**. For requested document, the Cluster set up a special group of experiments in different sectors. December 4<sup>th</sup> and 5<sup>th</sup> 2007, Nanjing, workshops in collaboration with Center for Scientific Studies on Cultural Heritage-Chinese Sciences Academy, on book themes.
- **Studies Activities in restoration and conservation of terracotta army**  
Partners: CNR ICIS, some firms  
The Cluster enabled some companies to analyze the conservation status of the terra cotta Chinese army to propose restoration and enhancement works.
- **Collaboration between Italian and Chinese enterprises**  
The Cluster promoted and realized contacts between its firms and Chinese companies, related to the production, diagnostics and restoration of cultural heritage.
- **Creation of promotional point permanently settled in St. Petersburg** – Call for districts resources allocation, 2005, size 6b  
It was created a framework for promotion and support for foreign companies, located inside the Trade Center in St. Petersburg. **September 24<sup>th</sup>, 2007** inauguration with the participation of Adrian Mason (Director - ICE Office of St. Petersburg) and Olga W. Taratynova (Vice-Chairman of the Committee for the Control and Protection of Historical Monuments - Ministerial Office in St. Petersburg).
- **Agreement between Venetian Cluster of Cultural Heritage, Department of Russia Construction Association and Russian National Society for the Protection of Historical Monuments and Culture**  
Bilateral agreement for expertise's exchange in cultural heritage sector, educational support for entrepreneurial activities through the identification of projects and contracts in Russia
- **Guidelines on Experiences and expertise in restoration, conservation and valorisation of the architectural and archaeological Heritages - IRPP / Saah**  
Partner: Council of Europe, Unioncamere Veneto.

The project led to create a document delivered to the Council of Europe, containing information on skills and assets held by companies and institutions participating in the Cluster (restoration, maintenance, diagnostics, protection and cultural heritage enhancement).

- **Palladio Scholarship. Veneto enterprises and the restoration of Victoria State (Australia) stone artifacts**  
Partners: Vega Science and Technology Park in Venice, Veneto and Venice Research Consortium Innovation.  
**March 6<sup>th</sup>, 2008**, presentation of preliminary study results on the degradation and preservation of historical monuments in Australia, managed thanks to "Palladium Scholarship" Project.
- **VEG.AL Redevelopment in eco-friendly infrastructure production in support of integrated economic development in the cross-border area between Veneto and Albania – (Interreg-Phare Cards)**  
Partners: VEGA Venice Science and Technology Park and the Contemporary Studies Institute in Tirana.  
The project involved conversion of industrial Albanians areas. **June 20<sup>th</sup>, 2008** final conference final
- **Expertises exchange in restoration with Torun University (Poland).**  
Partners: University of Torun, some firms  
**October 10<sup>th</sup>, 2007**, Torun (Poland) conference at Restoration Fair. During the meeting Cluster model has been exposed to institutions and 10 "Excellence" companies.
- **March 30<sup>th</sup>, 2007** - Venice. Seminar: "Restoration and Conservation of historic buildings in Italy and Poland"  
Partners: ALA Assoarchitetti, Torun University of Restoration and Conservation (Poland) and VEGA –Venice Science and Technology Park.  
Seminar, organized in collaboration with Torun University of Restoration and Conservation (Poland), to exchange and update on restoration techniques employed in the two countries.
- **MemArt Project- Memories of Art. The Museums in Venice and along the Slovenian coast (Interreg Italy-Slovenia)**  
Partners. Venice Chamber of Commerce, VEGA Venice Science and Technology Park and Primoska University - Koper.  
The project produced a three languages book t (Italian, Slovenian and English) entitled *MemArt - Memories of Art. The museums in Venice and along the Slovenian coast*. **April 4<sup>th</sup>, 2008** Book Presentation at the Scuola Grande di San Rocco (Venice)
- **The Sacred routes Project – (Interreg Italy-Slovenia)**  
Partners: Venice Chamber of Commerce of Venice, Rest'arte Alvisopoli, Primoska University in Koper, Venice IUAV University, VEGA Scientific and Technological Park of Venice and Venice Opportunities  
The project led to create a book on sacred routes: *The crossroads between Venice and the Adriatic coast of Slovenia*. The work was presented on May 9<sup>th</sup>, 2006 at Venice Chamber of Commerce of Venice.

## NATIONAL PROJECTS

- **“Venezia Origins”** Telecom Italia Foundation Programme .  
Project to develop new technologies for valorisation and dissemination of cultural heritage
- **PROVACI Project** Technologies for seismic protection and artistic complex enhancement  
Partners: CETMA Consortium, Three Consortium, SI.PRE. Ltd., University of Naples Federico II, CRACA, University of Padova, Nanofab.  
The overall project target is the development of techniques and integrated methodologies for seismic protection, safeguard, sites and structures of historic and artistic interest rehabilitation and enhancement.
- **since September 2010 : At Veneto Cluster has been opened the only UNI Consultation point in Venice Province** All public and private companies and professionals can access and free consultation of the database of UNI (Italian Organization for Standardization).
- **FLAA – Filiera Legno Alto Adriatica.**  
ICE (National Institute for Foreign Trade) has given an assignment to the Cluster for a project to revive the productive sector of the wood through innovation and research, using nanotechnology for wood and new construction techniques for houses expansion
- **Proposal for the territorial and programmatic plan for the knowledge transfer** development of product and process innovation, new business planning and the environment - Province of Venice.  
Partners: Province of Venice  
The activity concerns the definition of a best practices, within the province, in the field of environment and cultural heritage.
- **Call start up. Actions in support of proposed projects from start-ups in high and medium high technology areas** (Decree of the Minister of Economic Development, July 7, 2009)
- **MACC** Center for coordination, research and restoration of modern and contemporary art  
Target: to create a companies and institutions network for coordination, research and restoration of modern and contemporary art.
- **Collaboration with Crotone Science Park**  
Support and operational planning to requalify Crotone area in Calabria province(Italy) on VEGA project basis.
- **2015 Industry Programme**  
The Cluster works with companies to present projects for 2015 Industry Programme - Innovative Technologies for Arts and Cultural Affairs and Tourism
- **Coordination and planning on restoration and enhancement activities.**  
The Venetian Cluster is involved in promotion to ensure the technical quality of restoration, preservation, promotion planning and feasibility studies, at national level.
- **Collaboration with MiBAC** (Italian Ministry for Arts and Culture) to promote the Veneto Cluster of Cultural Heritage by cloning the model in Italy starting from sector studying and possible coordination.
- **MU.VI Project:** Study on synesthetic processes and prototyping multimedia interactive exhibition areas to qualify exposures.  
Thanks to *L.R. 18/05/2007, n. 9*, Call for the distribution of grants in support of industrial research, experimental development, innovation and diffusion of technology transfer  
The project will lead to the create a model-prototype for exhibition space which could enrich visitors experience by improving the acquisition of information, whether in museums or during commercial events (fairs, showrooms). The Cluster is project partner.
- **DE.TEC. Project:** New non-invasive technologies for the remediation of dry or damp walls  
Call for resources allocation for the development of cluster agreements - size: 2A. Year 2008  
With the participation of 17 companies, CNR ICIS Padova, Builders Venice Province Association, Builders, Treviso Province Association.

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1<sup>st</sup> in ranking. The project involves studies and testing on new systems and products which could give higher technological contents, to be used for dehumidification of masonry in historical context.

- **Trasf. Lab. Project:** Call for resources allocation for the development of cluster agreements, size: 2C. Year 2008. With the participation of 18 companies. 4th in ranking  
The activity includes organization and strengthening on analytical capacity building, environmental and structural requirements in the Belluno territory, through the analysis of the status quo, acquisition, growth and technology transfer of operational and technological capabilities among firms.
- **Main.Reim Project:** LR 18/05/2007 No 9 – Call for grants distribution in support of industrial research, experimental development, innovation and technology transfer.  
Partner: VEGA, IUAV University of Venice, Ca 'Foscari University and Veneto enterprises.  
Innovative services to give guidelines on supply and demand for innovation between companies, research centers and universities
- **NANOCOAT Project: New nanostructured materials and coatings: technology transfer actions**  
Partners: Spa Agemont Agency for Mountain Economic Development.  
2 pre-feasibility studies on technical and economic alternative to existing treatments to improve wood resistance
- **ATTESS Project: Redevelopment energy and environment** – Call for resources assignment for industry or sector aggregations. Measure A. year 2008  
Partners: Green Building Cluster of Veneto and others companies.  
Redevelopment energy and environment in historical buildings protocols for evaluation and certification. The project led to create an initial text containing the "guidelines" for energy saving measures in historic buildings.
- **June 10<sup>th</sup> 2010:** Three-year cooperation agreement signed with the Veneto Regional Directorate for Cultural Heritage and Landscape- Ministry of Heritage and Culture.
- **MDM SUITE Project** Call for resources assignment in industries or sector aggregations 2C extent. year 2007  
Among partners: Digital Media Cluster, VEGA.  
The project involved the construction of a web-based integrated platform prototype able to support new forms of production process.
- **Assistance in conservation, management and enhancement for Port of Venice historic and artistic heritage**  
Partners: CFLI (Intermodal Logistics Training Consortium) and Port Authority of Venice.  
The activity led to an inventory of historic and artistic heritage (movable and immovable properties) in the port of Venice area and to the establishment of conservation and enhancement activities
- **MAP.RI.SIS. Project: Construction and management of dynamic maps of seismic risk and other natural disasters in Veneto Architectural Heritage.** Call for clusters resources allocation, 2006, size: 2b  
Partners: Padua University  
The project involved the construction of "risk maps" containing information on probabilities about significant damage to historic buildings in a particular area and in a certain period of time.
- **Development of a technical laboratory for technology transfer Project.** Call for clusters resources allocation, 2005, size: 7  
Thanks to this project a center for the restoration and technology transfer to and between enterprises - located in Villa Fabris (Vicenza) - has been created.
- **Portal - Monitoring and Cluster Database Project.** Call for districts resources allocation 2004, size: 8  
The project led to create a database for collection, cataloging and management of all information concerning the cultural heritage sector.
- **Protocol for Restoration and Maintenance of Historic Buildings Project:** Strategies for the control and the design of interventions. Call for districts resources allocation 2004, size: 2.  
The project allowed the identification of best practices in restoration by testing on site materials and innovative methods for conservation and restoration.

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## TRAINING ACTIVITIES

- **ESF-FSE:** collaboration and restoration of cultural heritage: books and documentary material.  
Partner: Con-Ser and Rest'Arte Alvisopoli  
The course focuses on training made by experts in the field of paper restoration and archival library, which can operate both on laboratory and building materials.
- **ESF-FSE:** Collaboration and Restoration of Cultural Heritage  
Partner: Centre consortia of Belluno  
The course operates in working world inclusion, to make possible for young people to work in restoration
- **2009-2010, Mabac Management on Cultural Heritage Second Level Master**  
Partner: Ca' Foscari Venice University and Sorbonne 3.  
Venetian Cluster and Vega were among promoters of the master in training experts management for profit and nonprofit organizations.
- **2008-2009, Mabac Management on Cultural Heritage Second Level Master**  
Partner: Ca' Foscari Vnice University and Sorbonne 3.  
Master in training experts management for profit and nonprofit organizations.
- **2007-2008, Mabac Management on Cultural Heritage Second Level Master**  
P artner: Ca' Foscari Vnice University and Sorbonne 3.  
Master in training experts management for profit and nonprofit organizations.
- **2009, Training for operators in Contemporary Art Restoration - FSE. 2007-2013**  
Partner: Ca' Foscari Venice University.  
The course involved the training of experts for contemporary art restoration
- **2007, Collaboratore restauratore dei beni culturali - FSE C3**  
Partner: DIEFFE Padova  
The course for unemployed, involved training of experts in the field of stone- works restoration
- **2007, Update** for workers in cultural heritage restoration and conservation of FSE-D1  
Partners: DIEFFE – Padova  
The course involved professionals already entered in the field of cultural heritage, providing an update on diagnostic techniques, new methods of intervention and on-site safety.
- **February 13th to 27<sup>th</sup>, 2007, MArch 6<sup>th</sup> to -13<sup>th</sup> 2007, Course of History Goldsmith.**  
Partners: Ateneo Veneto, Goldsmith Venetian Company, Venice Casino and Tourist Promotion Agency of Venice Province  
Course for the construction of seminars on the Venetian churches treasures
- **ESF-FSE: product and process innovation in construction and restoration**  
Partner: CFLI (Intermodal Logistics Training Consortium).  
The work consists in courses for staff already employed and specific modules for unemployed. Lessons offer an update on cutting-edge techniques and methods for construction and restoration.
- **ESF-FSE: Intervention on historic masonry cleaning. Masonry polluted by heavy oil accidentally released into the water of the Venetian lagoon**  
In collaboration with the University Ca 'Foscari di Venezia.  
This course provides the skills needed to design and develop interventions for cleaning historic buildings surface, even thanks to laboratory research and testing methods on real systems.