SOME NUMBERS AND DATA FROM OC2018

123 students

20 different nationalities

Australia, Brasil, Cina, Cyprus, Egypt, Germany, Philippines, Jordan, Japan, Ghana, India, Indonesia, Iran, Italy, Malaysia, Ruanda, South Africa, Spain, Turkey, Venezuela

4 directors

3 + 2 coordinators + organizators

22 ws supervisors + tutors

9 architecture lectures

1 parallel event

17 lecturers

2 critics

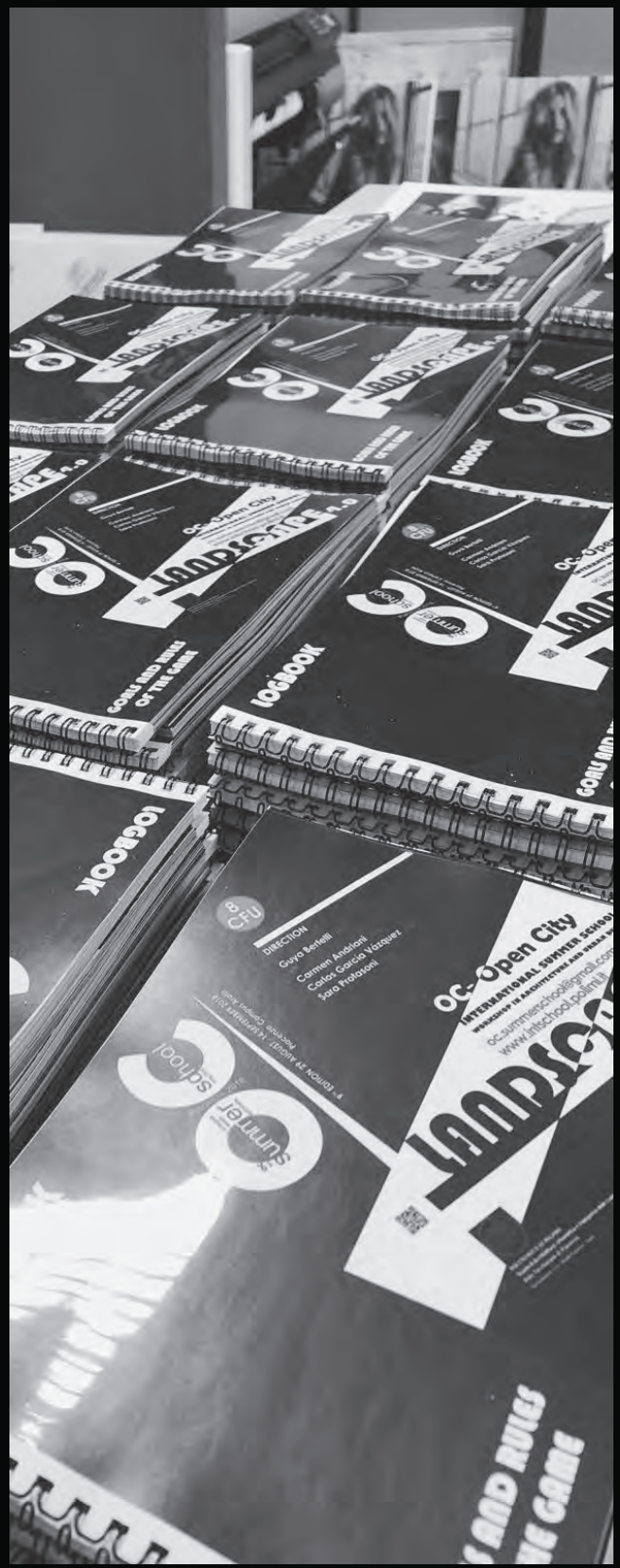
1 visit to Biennale di Architettura di Venezia freespace discussion

2+14+20 jury members in the 3 critic panels

10 nationalities of professors

3 exhibitions

PIACENZA DIARY


LOGBOOK
DIRECTION
Guya Bertelli
Carmen Andriani
Carlos Garcia Vazquez
Sara Protasoni
oc-Open City
INTERNATIONAL SUMMER SCHOOL
WORKSHOP IN ARCHITECTURE AND URBAN DESIGN
oc.summerschool@gmail.com
www.infoschool.polimi.it
oc summer school
LOGBOOK

#8
#28
#30
LUSIGNANI
ABORATORY

CALENDAR

29th August
8.30 PM
CONFERENCE
Camilo Rebelo

30th August
8.30 PM
CONFERENCE
Juan Manuel Palerm Salazar

1st September
BIENNAL SESSION VENEZIA

3rd September
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CONFERENCE
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João Gomes da Silva

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Vladimir Sitta

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Mosè Ricci

14th September
FINAL CRITIC
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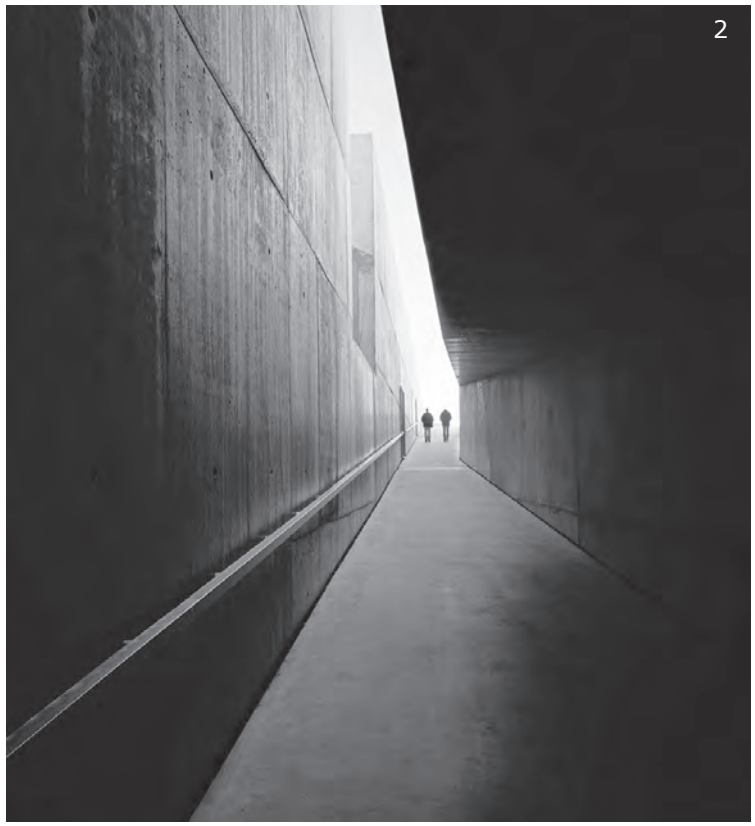
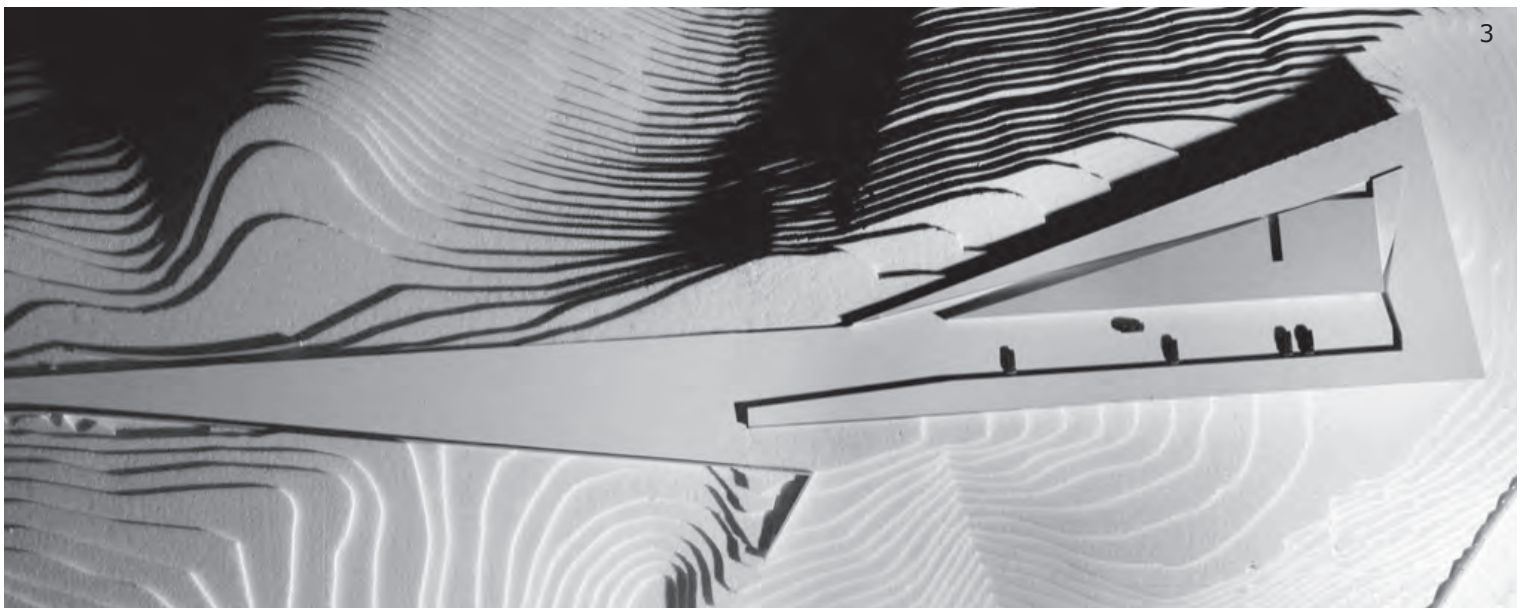
CLOSING CEREMONY

CAMILO REBELO

Graduated at the Faculdade de Arquitectura da Universidade do Porto-FAUP, Camilo Rebelo was one of the main collaborators of Eduardo Souto De Moura, between 1994 and 1998 and from 1998 of Herzog & De Meuron. Assistant Professor at the FAUP since 1999. Established his own office in 2000 in Oporto. Awarded author, namely with the first prize in the international competition for the Museum of Art and Archaeology of Vale do Côa (2004-2009) and the third prize in the international competition for the Oporto Tram Museum (2010), both in co-authorship with Tiago Pimentel; and the honourable mention in the international competition for the Museum of Modern Art of Warsaw (2007), in co-authorship with Susana Martins. Recently awarded with the Bauwelt Prize 2013 with the Museum of Vale do Côa. Invited Professor at the École Polytechnique Fédérale de Lausanne, at the Escuela Técnica Superior de Arquitectura, Universidad de Navarra and at the Accademia di Architettura di Mendrisio. Since 2016 he has been a Visiting Professor at Politecnico di Milano, Piacenza Campus.

1 - 2 - 3 Camilo Rebelo and Tiago Pimentel,
Museum of Art and Archaeology of Vale do Côa Valley (Portugal), 2004-2009





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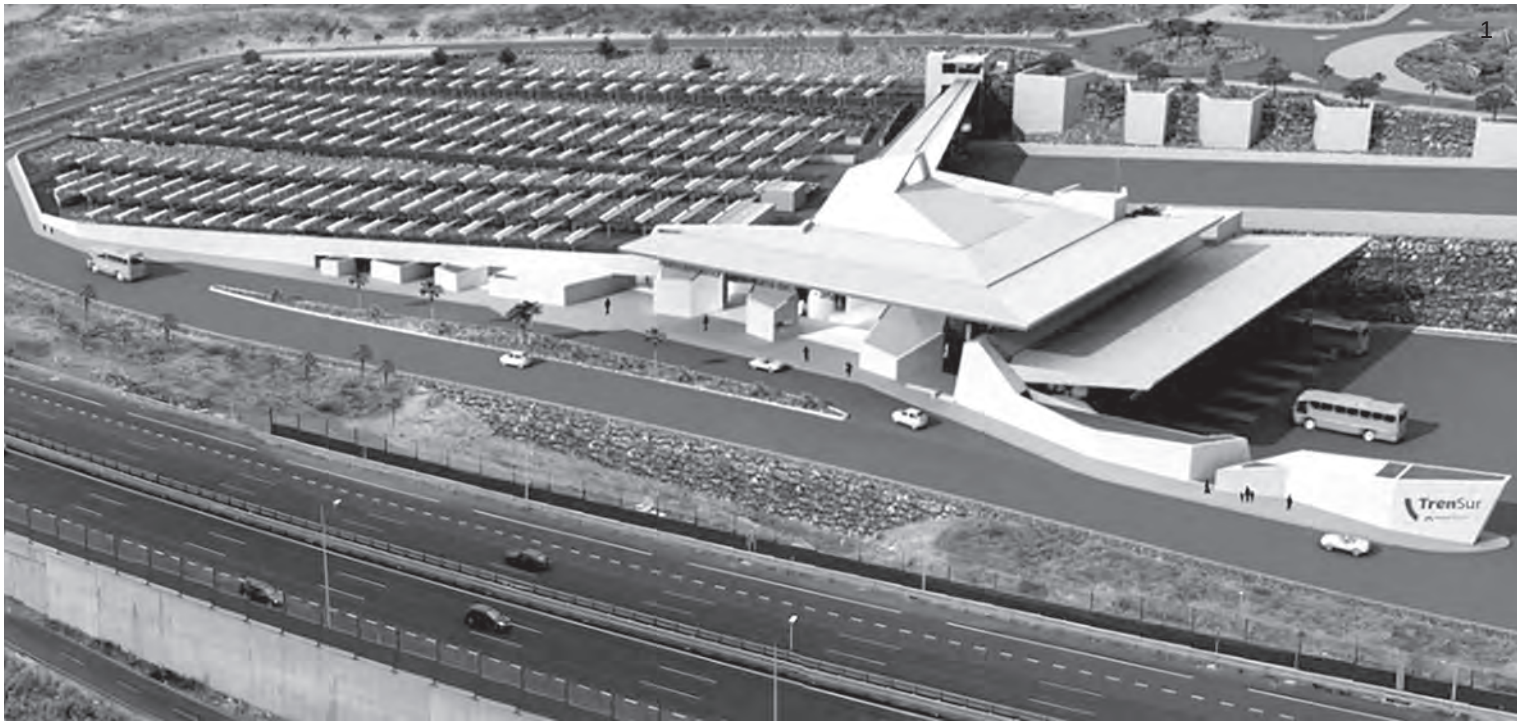
JUAN MANUEL PALERM SALAZAR

Architect based in Santa Cruz of Tenerife, Juan Palerm Salazar is Professor of Architectural, Urban and Landscape Design at the School of Architecture of Las Palmas de Gran Canaria. He was Director of the Second and the Third Biennal of Architecture, Art and Landscape of Canary Islands and he is Director of the Landscape Observatory in the Canary. He participated in the European programmes Erasmus and Tempus Phare and he is currently lectures at the Laboratory of Landscape Architecture at the Institute of Architecture of the University of Venice. He has been also a guest lecturer at Spanish and International Universities sharing many sienrgies and collaborations with Institutions and Professionals about issue of landscape. In 1986 he founded the studio Palerm – Tabares de Nava Arquitectos in partnership with Leopoldo Tabares de Nava y Marín. Since 1986 they have developed architecture, city planning and landscape projects in the Canary lands and in the United States, Italy and Spain.

1 - Palerm & Tabares de Nava, Sur Station, Añaza, Tenerife (Spain), not realized
2 - Palerm & Tabares de Nava, Restoration of García Sanabria Park, Santa Cruz de Tenerife (Spain), 2006



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BIENNALE SESSION VENEZIA

Discussion about design preliminary steps and strategies
with OC directors and supervisors
and with

Chiara Bertoli,
Politecnico di Milano

Martino Mocchi
Politecnico di Milano

There are many thematic analogies among the OPEN CITY, main topic of Politecnico di Milano Summer School, and the FREESPACE, title of the 16th International Architecture Exhibition decided by the curators, Yvonne Farrell and Shelley McNamara:

"*We believe that the practice of architecture is about contributing, engaging and refreshing the continuity of architectural culture. We need to tend to culture, like tending to a garden. In architecture time is not linear. Architecture brings past, present and future together. This is represented as a special focus within the overall Exhibition where the past is reinvigorated from the viewpoint of contemporary architects. A key component in attending to the continuity of tradition in architecture is the practice of teaching. Many of the invited practitioners are actively engaged in teaching. The world of making and building merges with the imaginative world is highlighted within the Exhibition. We have discovered invention and creativity at the micro and macro scales: historic buildings liberated by the intelligence of the architects; forgotten buildings re-visited and brought to life; transformative typologies of habitation; infrastructural needs translated into public and civic facilities*".

The words by Farrell and McNamara (as Grafton Architects they're in the Honour Commitee of OC Summer School), presenting the Biennale, are inspiring for the research students, professors and tutors develop within the OC workshop.
For these reasons, to be in Venezia for one day, in the core of architectural contemporary culture and discussion, sounds as a fantastic occasion to test visions and ideas with international references. And the participation in the Biennale Sessions, which is joined by dozens of Schools worldwide, becomes an opportunity for our Summer School to intensify relationships, partnerships and contacts.
The OC Biennale Sessions was organized in 2 moments: the discussions about workshop topics and ideas by the 3 design groups and the visit to Arsenale exhibition and to national pavillions in the venue of Giardini.

POLIMI
PIACENZA
CAMPUS

29th August
14th September

OC
2018
9th EDITION

DESIGN TEAM 1

DESIGN TEAM 2

DESIGN TEAM 3

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PATRICIA VIEL

Architect based in Milano, in 1986 she began working with Antonio Citterio Patricia Viel and Partners, a multi-disciplinary design practice working in the fields of Architectural, Interior and Urban Design. She is periodically called to participate in conferences, invited to give lectures, also within didactical activities. Since 1999, as a founding partner, she has been in charge of architecture, while taking an active part in the management of the studio. Since 2005 she has been a member of the Board of Directors of IN/ARCH, for the section of the Province of Milan. The studio operates at international levels developing complex long-term projects at all scales. Among the several typologies of projects realized are: urban plans, residential and commercial complexes, industrial establishments, conservative regeneration of public buildings and planning of spaces for work, offices, showrooms and hotels. The firm is also active in the sector of corporate communication and implements projects for temporary events and exhibitions.

JOÃO GOMES DA SILVA

Director and Partner of Global, Arquitectura Paisagista founded in 1997 in Lisbon with Inês Norton. He was lectured as an assistant from 1987 till 1994 in the Universidade de Évora, and since 2001 he is an Invited Professor at the Universidade Autónoma de Lisboa. Since 2010 is Professor at Accademia di Architettura di Mendrisio, and in 2015 was invited as a Visiting Professor in Landscape Architecture at Harvard Graduate School of Design. In 2004, he was awarded with the Valmor and Municipal Prize of Architecture by Lisbon's City Hall, for the Expo'98 project, in co-authorship with Manuel Salgado. With the Salinas Landscape Project in Madeira, in co-authorship with Paulo David, he was awarded in 2007 with the FAD Award, and in 2008, the Audience Award in the V Landscape Biennial, in Barcelona. In 2010, with the Cycling Track-Belém_Cais do Sodré segment, in co-authorship with Atelier P06, was distinguished with the following awards: Red Dot-design Award; SEGD-Merit Award; D&AD-in Book e European Design Awards-Silver Award. In 2010 with the Project for the São Jorge Castle, in co-authorship with João Luís Carrilho da Graça, was awarded with the Piranesi Award.

1 Antonio Citterio and Patricia Viel, Symbiosis, Milan (Italy), 2018

2 - 3 Global Landscape Architecture, Praia Formosa Promenade, Madeira (Portugal), 2006

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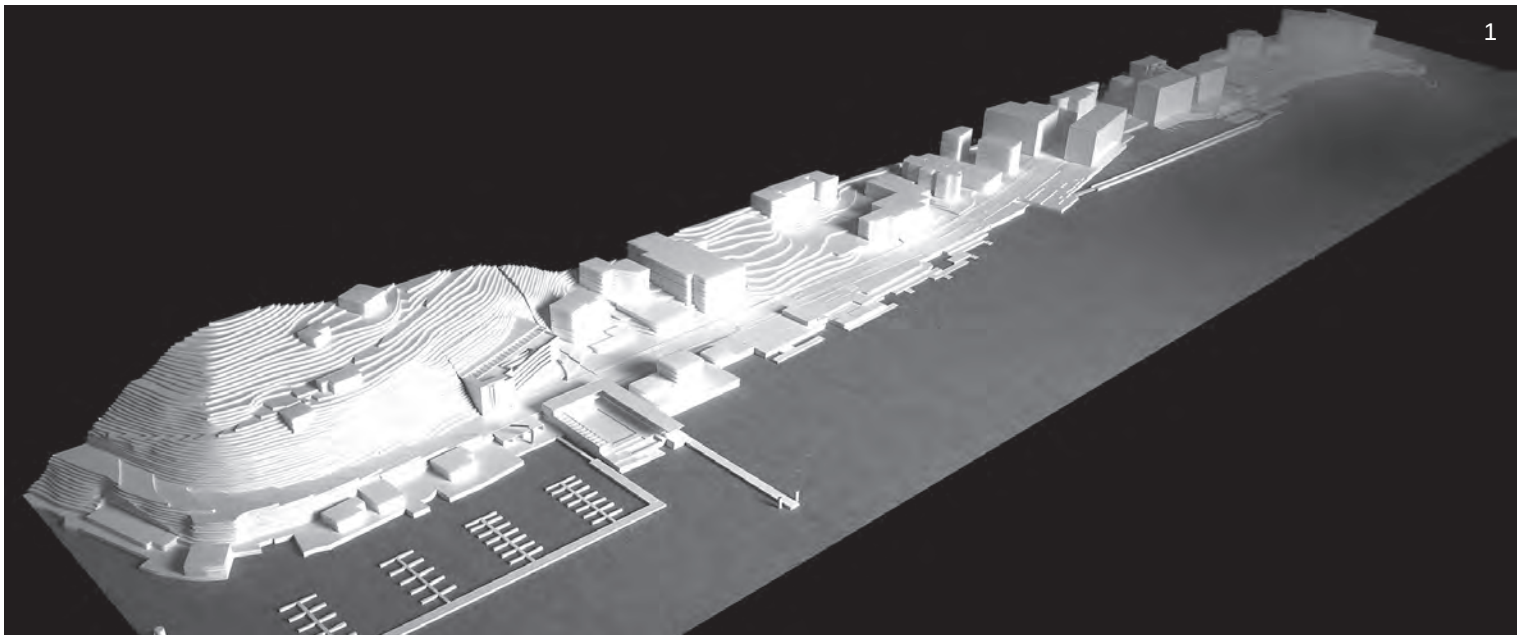
MICHELE ARNABOLDI

Architect based in Locarno. Between 1982 and 1985 he is Tutor in the course of the Professor Dolf Schnebli at ETH in Zürich. In 1985 he founded his office in Locarno (Switzerland), he realized many private and public projects and won a lot of national and international competitions: Expo 2000 in Hannover, Banca Raffaisen (Intragna) and the Cultural Center Palace in Lugano. His work has been shown in numerous collective exhibitions: Ticino Hoy, Madrid; Junge Schweizer Architekten, Nänikon; The 1995 Chicago International Biennale; Young Swiss Architecture. In 1986 he has been Visiting Professor at the Washington University of St. Louis (USA) and Professor in design seminars in various European university like Hamburger Stadtentwicklungsforum, Europäische Sommerakademie in Weimar, International architectural seminar at Monte Carasso and International architecture seminar of Bergamo. Starting from 2002 he is Full Professor of architectural design at Accademia di Architettura di Mendrisio.

VLADIMIR SITTA

Vladimir Sitta is a Czech landscape architect based in Australia. After working in Czechoslovakia and West Germany, he established Terragram in 1986, a landscape architecture firm focusing on the visual and environmental aspects of the urban environment. While a considerable number of his projects are in the realm of the urban landscape/gardens, much attention is also paid to civic design, environmental art, technological innovation and design experimentation. In 1998, he cofounded Room 4.1.3, with Richard Weller. Their firm seeks an interdisciplinary approach, combining the academic and professional creating innovative, even iconoclastic, landscape designs, often introducing extensive planting into urban projects. Their landscaping schemes have won many design competitions and prizes. Built projects include the Garden of Australian Dreams at the National Museum of Australia in Canberra. Sitta won the state of Berlin's Peter Joseph Lenné Prize in 1981 and 1986, and won the President's Award of the Australian Institute of Landscape Architects in 2002.

1 Michele Arnaboldi Architetti, Redevelopment of Lake Paradiso shore, Lugano (Switzerland), 2016



2 Terragram, Walla Mulla Park, Woolloomooloo, Sydney (Australia), 2011

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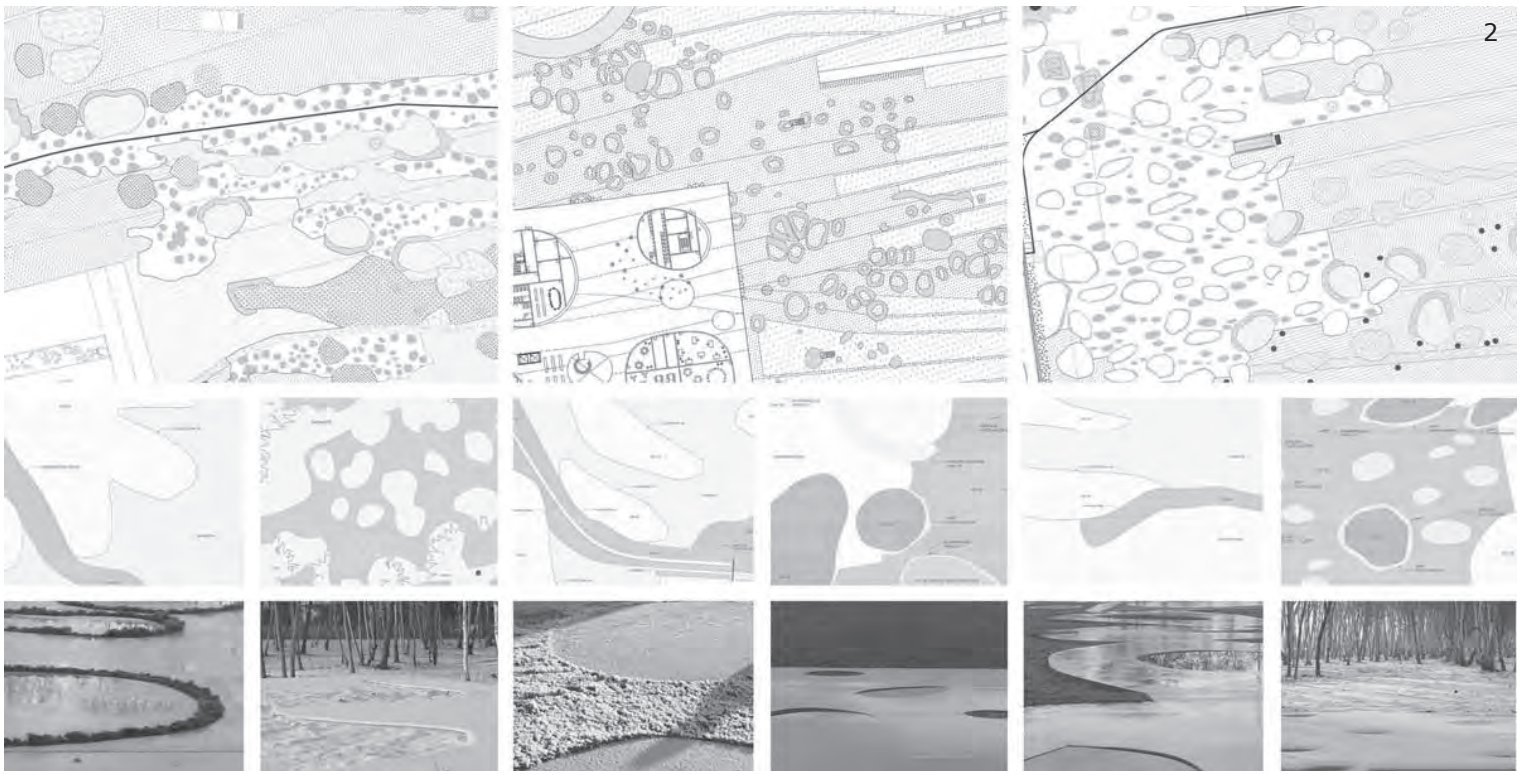
CATHERINE MOSBACH

Landscape architect and theorist, based in Paris, she represents Mosbach Paysagistes that is endowed with several experiences involving projects at a large scale, from sensitive sites to sites of strong patrimonial value. Her activity has often been recognized and included in numerous publications. She gives conferences and lectures about urban green. Her works received several awards: the Espace Public du Moniteur, le Trophée du Paysage du Ministère de l'environnement and Rosa Barba ex æquo. Her competence was developed at different scales of intervention in landscape and programmatic stakes and especially about large and magnetic sites. Among her key projects: the Saint Denis Canal Promenade in Paris, the Archaeological Park of Solutre-Saone-et-Loire, the Botanical Garden of Bordeaux, the other side - Quebec City, the Place de la Republic in Paris and the Jade Ecopark in Taichung. The Museum Park Louvre in Lens in 2013 has receveid the Equerre d'Argent Award on Paris, as well as the Gateway Park has been honored on 2014 by the Iconic Concept Award in Munich.

1-2 Mosbach Paysagiste, Sanaa Architectes, Louvre Lens Museum Park, Lens, (France), 2014



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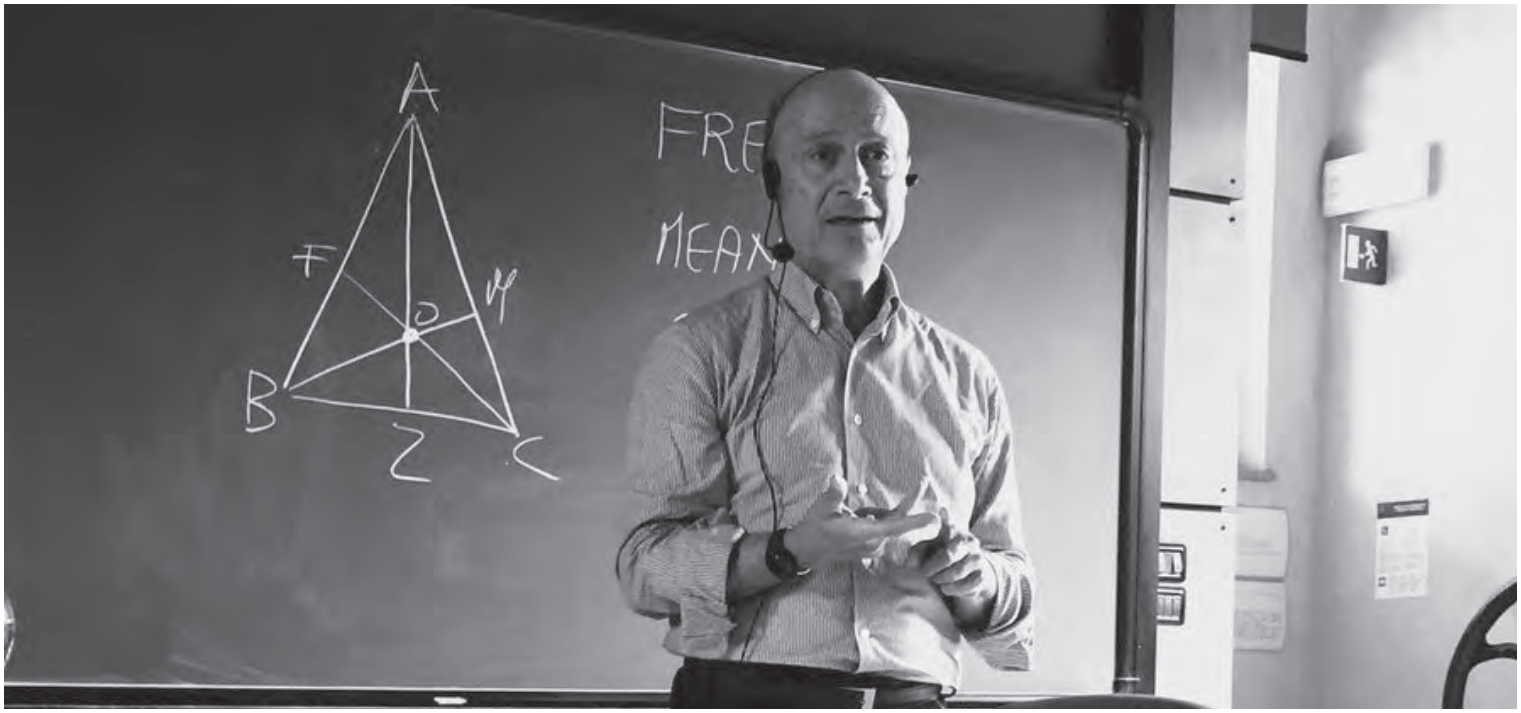
FRANCO FARINELLI

Geographer, Full Professor in Geography at the University of Bologna, he is president of the Association of Italian Geographers. He also taught geography at the Universitè de Genève, University of California (UCLA), University of California (UCB) and Sorbona, Paris. In the late seventies, he studied at the Institute of Geography of Bologna, in Germany at the Geographishes Institut der Ruprecht-Karl-Universitat in Heidelberg (RFT), in India at Banaras University and in Wien at the Institut fur Geographie der Universitat. He published many books inventing a particular point of view on the topic of Geography: "Il villaggio indiano. Scienza, ideologia e geografia delle sedi" (1981); "I lineamenti geografici della conurbazione lineare emiliano-romagnola" (1984); "Pour une théorie générale de la géographie" (1988); "Il mondo arabo e islamico", with P. Dagradi (1992); "I segni del mondo. Immagine cartografica e discorso geografico in età moderna" (1992); "Geografia. Un'introduzione ai modelli del mondo" (2003), "L'invenzione della Terra" (2007); "La crisi della ragione cartografica. Introduzione alla geografia della globalità" (2009).

GIANFRANCO NERI

Architect and Full Professor, he was director of dArTe Department of the Università Mediterranea di Reggio Calabria. His interests are wide and interdisciplinary: from paintings to music, from contemporary art to landscape regeneration. His activity is oriented towards experimentation applied to problems of architectural and urban design, with strong attention to the issues arising from the communication and image system. This specific and complex approach was the focus of ViArtis, a recent research with a rich and dense program about Mediterranean coasts and territory that has been held among universities and artists. Editor of "A2A Architettura", Gianfranco Neri was Coordinator of the National Scientific Research PRIN / MIUR 2008 "Regeneration of urban framework and marginal urban fabric". Among his books: "Personal Planning Diary 2011" and "Forms of Energy". His paintings and drawings are black and white evocative images of extraordinary landscapes.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ANDREA ROSSI (MARIO CUCINELLA ARCHITECTS)

Mario Cucinella is amongst the most important architects practicing in Europe with multiple award-winning international design projects. Not only is Cucinella's work lauded for design excellence but he is an undisputed global leader in sustainable practices ranging from individual residences to urban master plans. The impact and significance of his work – both environmental and social – as an architect, educator and in service have been recognized world-wide with Honorary Fellowship by the American Institute of Architects (2017) and by the Royal Institute of British Architects (RIBA) who bestowed upon him their prestigious International Fellowship (2016). In 2018 he was curator of the Italian Pavilion "Arcipelago Italia" at the 16th International Architecture Exhibition of the Venice Biennale. Andrea Rossi is in the management of Mario Cucinella Architects as project director. Trained internationally between Turin, Stockholm and London, in 2015 he graduated from the Architectural Association School of Architecture with a MArch degree in Sustainable Environmental Design. In 2017 he joined MC A as R&D Director.

1-2-3 Images from Arcipelago Italia, the exhibition edited by Mario Cucinella for Padiglione Italia at 16 Mostra Internazionale di Architettura Venezia, 2018 ©Urban Reports

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MID-TERM CRITIC

PANEL
International Jury

Eleonora Bersani
Politecnico di Milano

Marco Bovati
Politecnico di Milano

Emilia Corradi
Politecnico di Milano

Stefano Guidarini
Politecnico di Milano

Carlo Alberto Maggiore
Politecnico di Milano

Mario Mocchi
Politecnico di Milano

Gianfranco Neri
Università Mediterranea di Reggio Calabria

Gaia Piccarolo
Politecnico di Milano

Matteo Poli
Politecnico di Milano

Francesco Rispoli
Università degli Studi di Napoli Federico II

Andrea Sciascia
Università degli Studi di Palermo

Marina Tornatora
Università Mediterranea di Reggio Calabria

Pierantonio Val
IUAV, Venezia

Stefan Vieths
Politecnico di Milano

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(Mario Cucinella Architects)

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CONFERENCE
Michael Jakob
Mosè Ricci

14th September
FINAL CRITIC
8.30 PM
CLOSING CEREMONY

GUILLERMO VÁZQUEZ CONSUEGRA

Professor of Projects at Escola Tècnica Superior de Arquitectura de Seville-ETSAS until 1987, currently Honorary Professor and Head of the Catedra Blanca international architecture practice. He was Visiting Professor at the universities of Buenos Aires, Lausanne, Navarra, Syracuse N.Y., Bologna, Venice and Mendrisio, and Visiting Scholar at the Getty Center in Los Angeles. He has taken part in many exhibitions. Among his most important constructed works are public housing projects in Seville, Rota and Madrid, museums in Valencia, Geneva and Cartagena, Pavillion of Navigation for the Expo '92 Seville, redevelopment of the Vigo Waterfront, restoration of the Palace of San Telmo for the Presidential Seat of the Government of Andalusia, Congress Center of Seville, CaixaForum Sevilla Cultural Center and Palace of Ministry of Foreign Affairs of Luxemburg. He has received many awards and he is an Honorary Member of the American Institute of Architects, AIA 2014 and he has been recently awarded with the Spanish Architecture Gold Medal 2016.

GÜNTHER VOGT

After learning gardening at the Gartenbauschule Oeschbert in Switzerland, Günther Vogt studied landscape architecture at the Interkantonales Technikum Rapperswil. Since 2000 he leads the Vogt Landschaftsarchitekten, a landscape architecture studio with offices in Zurich, Berlin and London. He is Professor for landscape architecture at the ETH Zurich since 2005 and is the Director of the NSL Network City and Landscape at the same university. He has worked with renowned people of design and architecture like Olafur Eliasson and Herzog & de Meuron and won many awards. Among his publications: "Distance and Engagement. Walking, Thinking and Making Landscape" (2010), "After Miniature and Panorama: Vogt Landscape Architects - Projects 2000-2006" (2011). His recent projects are: Masterplan Landscape and detailed design for single projects for the Carlsberg urban district in Copenhagen, "All-Weather Garden" of the Tate Gallery of Modern Art in London, Novartis Campus Park in Basel and Allianz Arena landscape project in Munich.

1 Vázquez Consuegra, Cultural Centre of Atarazanas, Seville (Spain), 2018
2 Vázquez Consuegra, Historian gallery in Tempelhof Airport, Berlin (Germany), 2018 - international competition

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2

3 Vogt + Wilmotte Associés, Headquarters of ArcelorMittal, Luxembourg, 2017, winner of the competition

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CALENDAR

29th August
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MANUEL GAUSA

Architect and Professor in the Università degli Studi di Genova. He was founder of the studio Actar Architecture and of the homonymous publishing house (1994) and member of the editorial team of the magazine "Quaderns d'Arquitectura de Barcelona". From 1993 to 1995 he is part of the teaching of the Master "Much Escala" at the ETSAB-UPC, where he taught. He is Director of cultural activities at the ESARQ-UIC (Barcelona School of Architecture). In 1997 he founded Axe, specialized in sustainable design, the following year he was Co-Director of Metapolis, becoming its President in 1999. From 2000 to 2005 he was Director of the postgraduate course "Advanced Architecture and Digital Cities" at the Fundació Politècnica de Catalunya and in 2003 he was President of the Scientific Committee of IAAC (Instituto de Arquitectura Avanzada de Catalunya). He also published many essays and works and exposed in the most important cultural events. His projects are published in numerous national and international magazines. In 2000 he was awarded with the Medaille de l'Académie d'Architecture de France.

JORDI GARCÉS

Architect based in Barcelona, since 1975 he is Professor of Project in the ETSAB-Escola Tècnica Superior de Arquitectura de Barcelona and he is Invited Professor and External Expert at the Ecole Polytechique Fédérale de Lausanne, Switzerland. His professional career started, during his studies, in the offices of Martorell - Bohigas, Mackay and in the workshop of Ricardo Bofil. From 2011 he is part of the Jordi Garcés - Daria de Seta - Anna Bonet Architects Association. He is also author of many renowned works, mainly about museums' renovation and new buildings. Garces's name is now linked with Museo Picasso in Barcelona, Museo de Arte de Navarra in Pamplona, Museo de la Ciencia y el Cosmos in Tenerife and Fundación Francisco Godia new house in Barcelona. Jordi Garcés was one of the main figure in 1992 Barcelona Olympic adventure, with the Pabellón Olímpico del Valle de Hebrón, that was recognized as one of the main architecture of that period. He is working also outside Spain and he was winner in 2016 of a competition for the renovation of Palace of Justice in Strasbourg.

1 Manuel Gausa, Open, Actar, 2010
2 Gausa+Raveau actararquitectura, Catalunya Land-grid, from the essay:
"Land Links hiperterritorios multiciudades geourbanidades", 1995-2010

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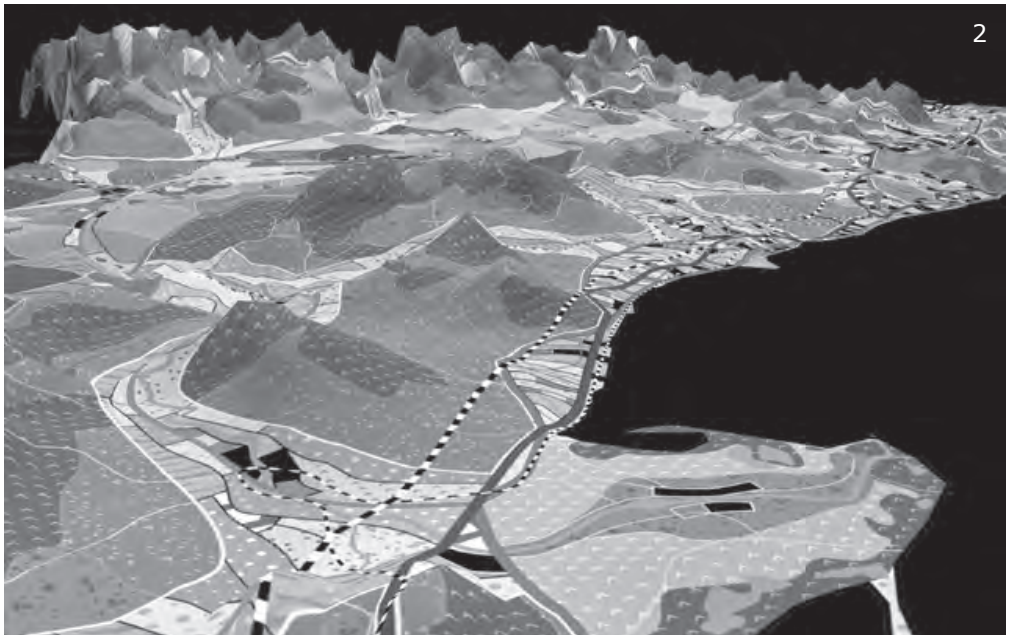

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3 Garcés De Seta Bonet, Private Painter Studio, Vallvidrera, Barcelona (Spain), 2013

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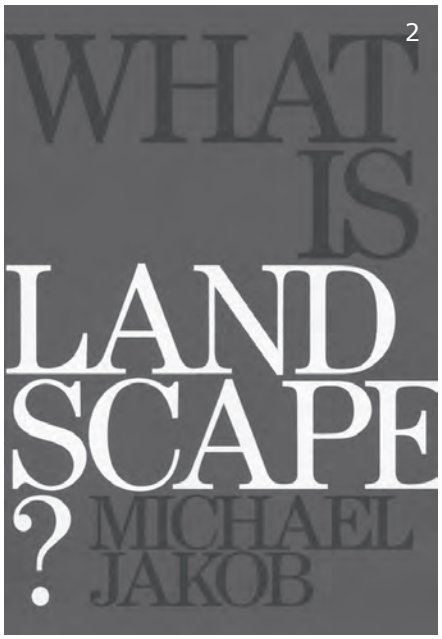
MICHAEL JAKOB

Michael Jakob teaches History and Theory of Landscape at Hepia (Haute école du paysage, d'Ingénierie et d'architecture de Genève), and Aesthetics of design at HEAD, Geneva. He is Visiting Professor at Politecnico di Milano and at Accademia di Architettura, Mendrisio. He is also Professor of Comparative Literature at Grenoble University. Jakob's teaching and research focus on landscape theory, aesthetics, the history of vertigo, contemporary theories of perception and poetics of architecture. He is the founder and head of COMPAR(A)ISON, an International Journal of Comparative Literature and the chief editor of "di monte in monte", a series of books on mountain culture. He produced several documentary films for TV ("Chiappetti o il paradiso perduto" (2014), "Capri: a lezione di paesaggio" (2016)) and has a longstanding experience as a radio journalist. He has published recently: "Le paysage" (2008), "Le jardin et les arts" (2009), "100 Paysages" (2011), "The swiss touch in landscape architecture" (2013), "Dall'alto della città" (2017).

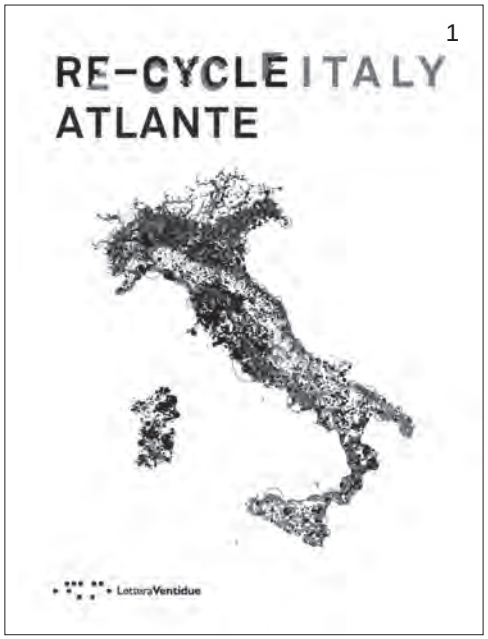
MOSÈ RICCI

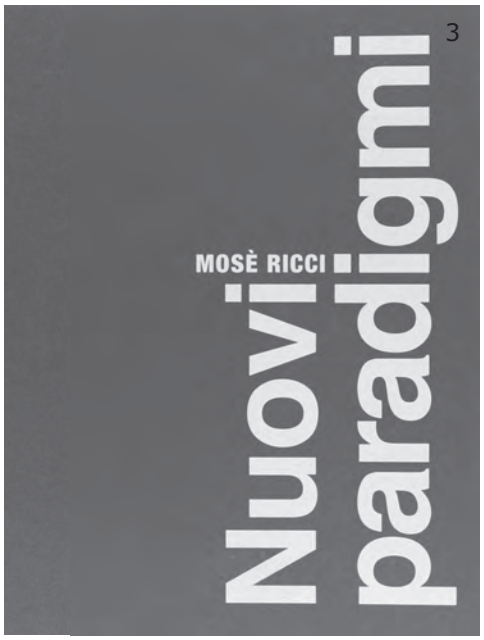
Mosè Ricci is Full Professor of Landscape Architecture at the University of Trento. In 2003 he received the title of Benemerito della Cultura e dell'Arte Italiana and the silver medal by the President of the Italian Republic. He graduated in architecture in 1982 at La Sapienza University of Rome. In 1996-1997 he was Fulbright Recipient and Visiting Scholar at GSD (Harvard University, USA) Visiting Professor of Sustainable Urbanism at Universitad Moderna de Lisboa (2006-2007) and at Technische Universitat of Munich (2008-2009). He was member of the Scientific Committee and curator of the Urbanism and Landscape section of the international exhibition Recycle, Strategies for Architecture, Cities and Planet (MAXXI, 2010-12). In 2012 he has been ranked in the top 100 World Educators by the Cambridge Institute. He has a record of publications, lectures and participation at conferences, at an international level. His research focuses on the interactions of architecture, urbanism and landscape design in an ecological framework.

1 Michael Jakob, Il paesaggio, Il Mulino, 2009
2 Michael Jakob, What is landscape?, 2018
3 Michael Jakob, Paesaggio e tempo, Meltemi Babele, 2009



1 Atlas of Recycle Research, 2017
2 Pino Scaglione, Mosè Ricci, Nuove strade, nuovi paesaggi, ListLab, 2015
3 Mosè Ricci, Nuovi Paradigmi, ListLab, 2013





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CLOSING CEREMONY

FINAL CRITIC

PANEL
International Jury

Marcella Aprile
Università degli Studi di Palermo
Andreu Arriola
Politecnico di Milano
Giuseppe Baracchi
Ordine degli Architetti di Piacenza, President
Dario Costi
Università degli Studi di Parma
Adalberto Del Bo
Politecnico di Milano
Hervé Dubois
Politecnico di Milano
Carlotta Fontana
Politecnico di Milano
Julia Georgi
Politecnico di Milano and Neapolis University of Pafos (Cyprus), Department of ALES, Head
Antonio Longo
Politecnico di Milano
Javier López
ETSA, Sevilla
Henrique Pessoa Pereira
Politecnico di Milano
Raffaele Marone
Università degli Studi della Campania Luigi Vanvitelli
Christian Marinotti
Politecnico di Milano
Marcello Panzarella
Università degli Studi di Palermo
Gaia Redaelli
Politecnico di Milano
Mosè Ricci
Università di Trento
Alessandro Rocca
Politecnico di Milano
Quim Rosell
IED, Barcelona
Ilaria Valente
Politecnico di Milano, School of AUIC, Dean
Lluis Vives
Politecnico di Milano

Sara Protasoni
Carmen Andriani

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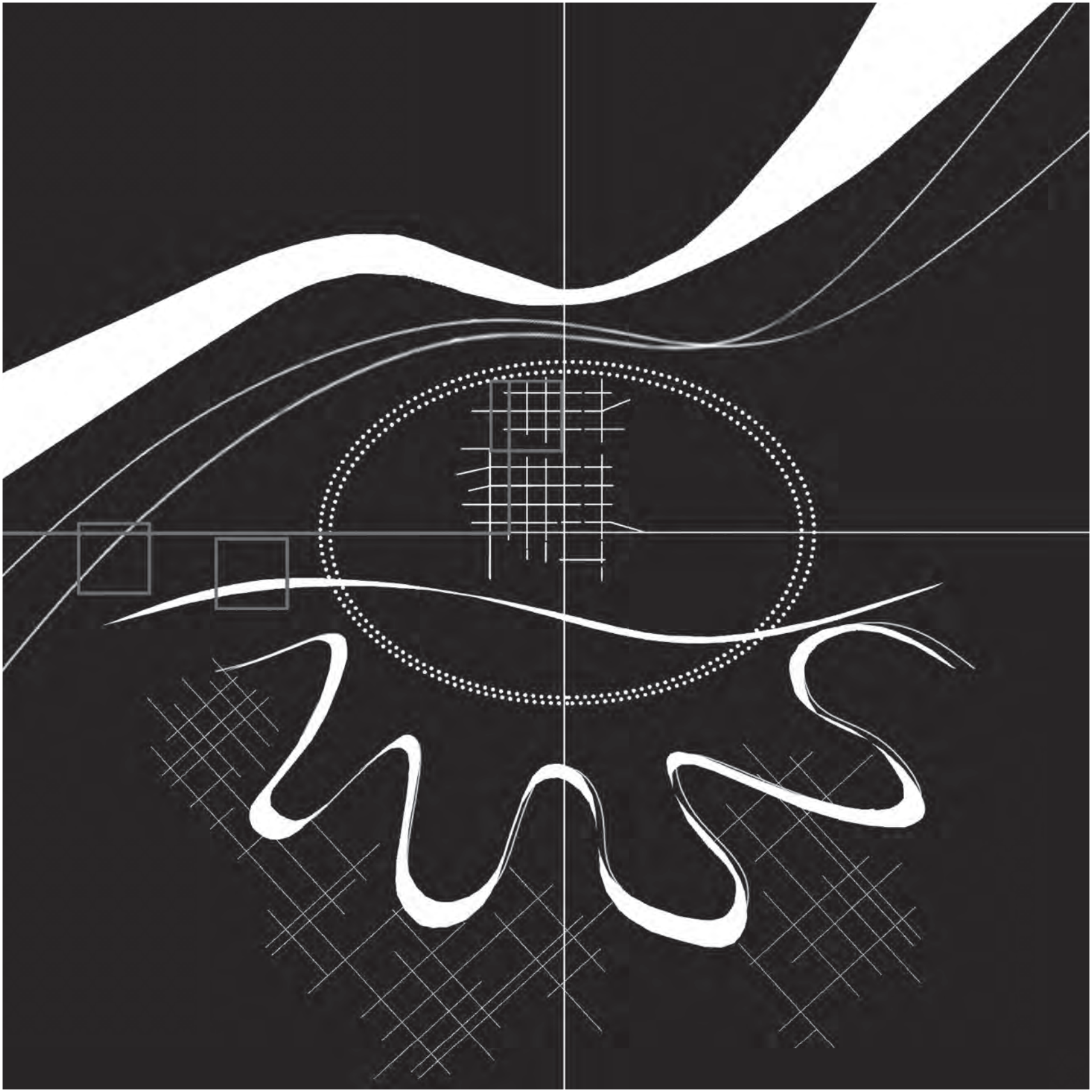
FINAL EXHIBITION

Final exhibition using innovative videoart
for the final evening of the
OC Summer City 2018 Summer School, Landscape 4.0

During OC2018 final event, OC coordination tested a video-installation in the central open field of Campus Arata. It was not just intended as a way to give visual and aesthetic quality to the ceremony itself but instead as an innovative application of contemporary tools to be applied to architectural transformation.
The close coexistence between physical space, public dimension, and visual art - that we can find especially in a temporary art-events - can be considered the main aspect of contemporary public art. Around these three elements the final installation was designed. It used the 3D video mapping technique with localized diffusion of lights, in line with the new forms of video art based on the principle of multiple projected surfaces. This technique has the potential to overcome the simple video projection, for which common surfaces such as screens or drapes are replaced by non-conventional structures at multiple levels and, in this case, a wall composed of white cubes with staggered sectors.
The effects are calibrated and addressed on the temporary surface both in its entirety and with respect to the single full and hollow cubic modules. The temporary structure comes to life, playing with its original forms or creating new ones, with images and effects. The projection envisaged a decomposition of the faces of the cubes, so as to highlight its parts through grids and new elementary geometric figures.
The virtual windows on the modules showed the scenarios of the Landscape 4.0. Hollow portions of the cubes have been framed by electronically controlled LED bars, to mark the depth of the shape and emphasize the full surfaces. Starting from the modular grid of the wall some of its units or associations have been highlighted through images, orthophotos, interpretive maps, Piacenza aerial photos.
The main aspects of 3D video mapping considered for the project are:
- The image-object-volumetric relationship: the dramaturgy is focused on the "mapped" image on the object. The augmented object is transformed into an image-object hybrid. The visual narration is guided by this object-image articulation, and not only by the image;
- Concept of figurative mapping: it is a skin made of images and light that cover the volumetric object. A dynamic and flexible skin that adapts to the object on which it is projected or displayed.
- Necessary technology: video mapping builds a unitary perceptive device composed of light, image, sound, software, hardware, space and time, architecture, actors and spectators, and all these elements together create an experiential and relational whole.
The mapping must coexist with the dramaturgical text, with the actions of the actor, with the choreography and the sounds taking part in the overall narrative of the scenic work and contributing to the tension and development of the performance through visual evolutions.

M.M.

OC PROJECTS



LANDSCAPE 4.0
Sharing spaces for the future city

The 2018 edition, in continuity with the themes dealt during the previous editions, focuses the attention on the multiple and complementary forms of integration between landscape and society.
Sharing is proposed as a key word for the transformative processes of contemporary landscapes and territories. Only a careful research for identities of places, where local communities can be recognized and rediscovered, allows us to reach a quality that integrates spatiality with the sense of sociality.
Along this background, the direction and the coordination of the workshop identifies some paradigmatic places in the enlarged territory of the city of Piacenza, taken as an exemplary case-studies of contemporary conditions.
Deeply, the School is proposing to students as a basis for discussion and comparison - complex and interdisciplinary - and as object of the design experimentation, some abandoned military areas of the city that build an interacting and multi-scale sequence along the axis of Via Emilia Pavese: Pontieri Laboratory, Pertite Barracks, Lusignani Barracks.
Because of their location on the northern edge of the city and at the same time in contact with the fluvial areas of the future Po River Park, the regeneration (physical-spatial, socio-economic, technical-infrastructural) of these 3 urban places can be intended as an opportunity for a wide rethinking and re-interpretation of the relationships among architecture-city-landscape in the contemporary reality.
The design work for visions, that joins spatiality and sociality, is in many ways one of the most stressed frontier of current disciplinary research at international level and it has to be intended without limits of scale in a renewed and continually fluctuating relationships among the local and the global scale, without *a priori* functional definitions.

TOPICS, APPROACH AND AREAS

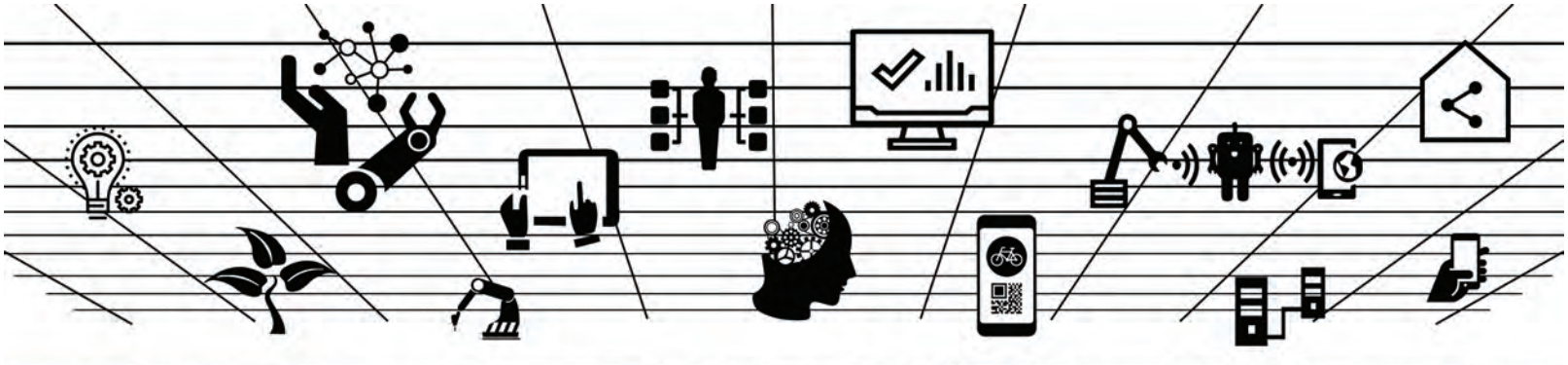
The focused areas are intended as huge potential in terms of regeneration, reuse and recovery of urban quality. They are strongly connected and they build interacting synergies with: dismantled infrastructural areas, other military areas, under-utilized demersal areas, natural areas along the banks of Po and Trebbia rivers, areas bordering on the consolidated residential zones, transition bands between the built-up system and the agricultural plain.

Part of the intensive design experience will be the activation of one or more areas with a view oriented to build a vision that replies to the proposed scenario. The project has been communicated, in the mid-term and final critics, with the traditional tools of the discipline (drawings and above all models, consistent with the training setting of the Campus of Piacenza of Politecnico di Milano) but also by means of installations and of story-telling (mainly videos).

The complementary landscapes to which the Summer School looked at then coincide, on the one hand, with the architectural fact itself rooted in the local context, on the other hand, it's strongly integrated with urban and territorial dynamics (the city is the landscape and the landscape is the city) characterized by the presence of watercourses and marginal agricultural areas next to the city itself.

The problematic scenario proposed as a background arises from the integration of global scenarios (to which European cities are called to respond to changes in social, economic and environmental equilibrium) and the local architectural transformations, which is necessary for the regeneration of neglected areas. In this sense, the same concept of landscape is subject to a radical rethinking, as a complex product of multiple, variable and dynamic events, which occurs each time either as a result of a complexity of interfering glances or as an extreme synthesis of heterogeneous and sometimes contradictory materials of the project. The landscape is the result to be achieved, and not *a priori* model to be applied in the various conditions. In this perspective, the project is the common construction of multiple disciplinary contributions, as a significant and expressive result of this particular inter-scalar, multifunctional, multi-faceted architecture.

In line with these premises, the goal of the workshop has been the project of a landscape-city vision that develops architecturally in the design of an integrated space sequence planned for different, innovative and experimental functions (even in an optics of circular economy), able to reactivate fragments of the city of Piacenza and its immediate around in a synergistic and transformative logic.



LANDSCAPE4.0

LANDSCAPE 4.0 as 4th Landscape

'60-'70
ANTHROPOGEOGRAPHIC LANDSCAPE

Vittorio Gregotti

1st ERA OF LANDSCAPE CONCEPT

'80-'90
LANDSCAPE IS PUBLIC SPACE

Barcelona

2nd ERA OF LANDSCAPE CONCEPT

2000-'10
NATURE AND ABSENCE

Gilles Clement

3rd ERA OF LANDSCAPE CONCEPT

Crisis and fragile conditions are closing the "great stories" of the previous phases. Digital revolution 4.0 is calling to an innovative way to work in the physical environment. The phenomena supporting change are chaotic, unpredictable and not-linear. The idea of landscape in fact is necessary to be defined in a renewed field of interest to bring to the center of attention the topic of urban form and physical space where the project is renewed today

4th ERA OF LANDSCAPE CONCEPT

TOPICS, APPROACH AND AREAS

LANDSCAPE 4.0

PRODUCTION 4.0
ECONOMY 4.0

SHARING

INNOVATION
HYBRIDIZATION
CONNECTION

SUSTAINABILITY
ENVIRONMENT
ENERGY

BIOLOGY
ECOLOGY
BIODIVERSITY

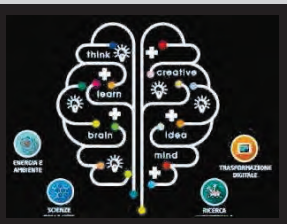
Big Data

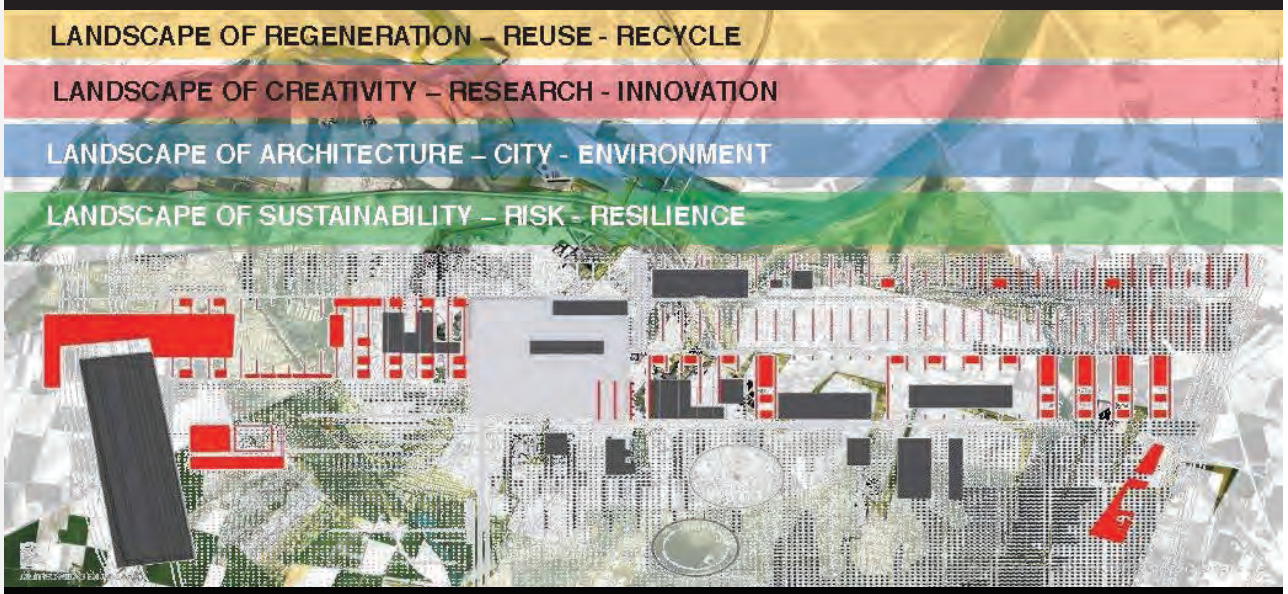
Global Network

PIACENZA OPEN CITY

from one city to many landscapes

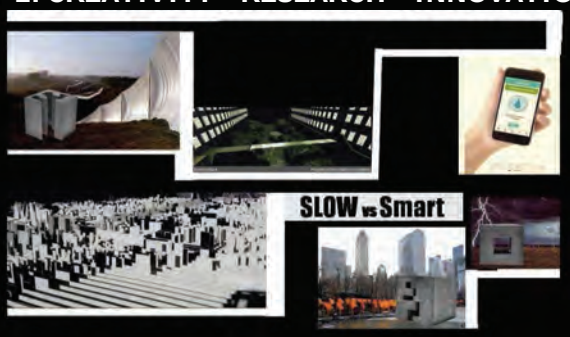
COMPLEMENTARY LANDSCAPES:
DYNAMICS, PRODUCTIVES, INTEGRATED, STRATIFIED





1. REGENERATION - REUSE - RECYCLE

2. CREATIVITY - RESEARCH - INNOVATION



3. LANDSCAPE - CITY - ENVIRONMENT

4. SUSTAINABILITY - RISK - RESILIENCE

TOPICS, APPROACH AND AREAS

PIACENZA:
THRESHOLDS IN SEQUENCE

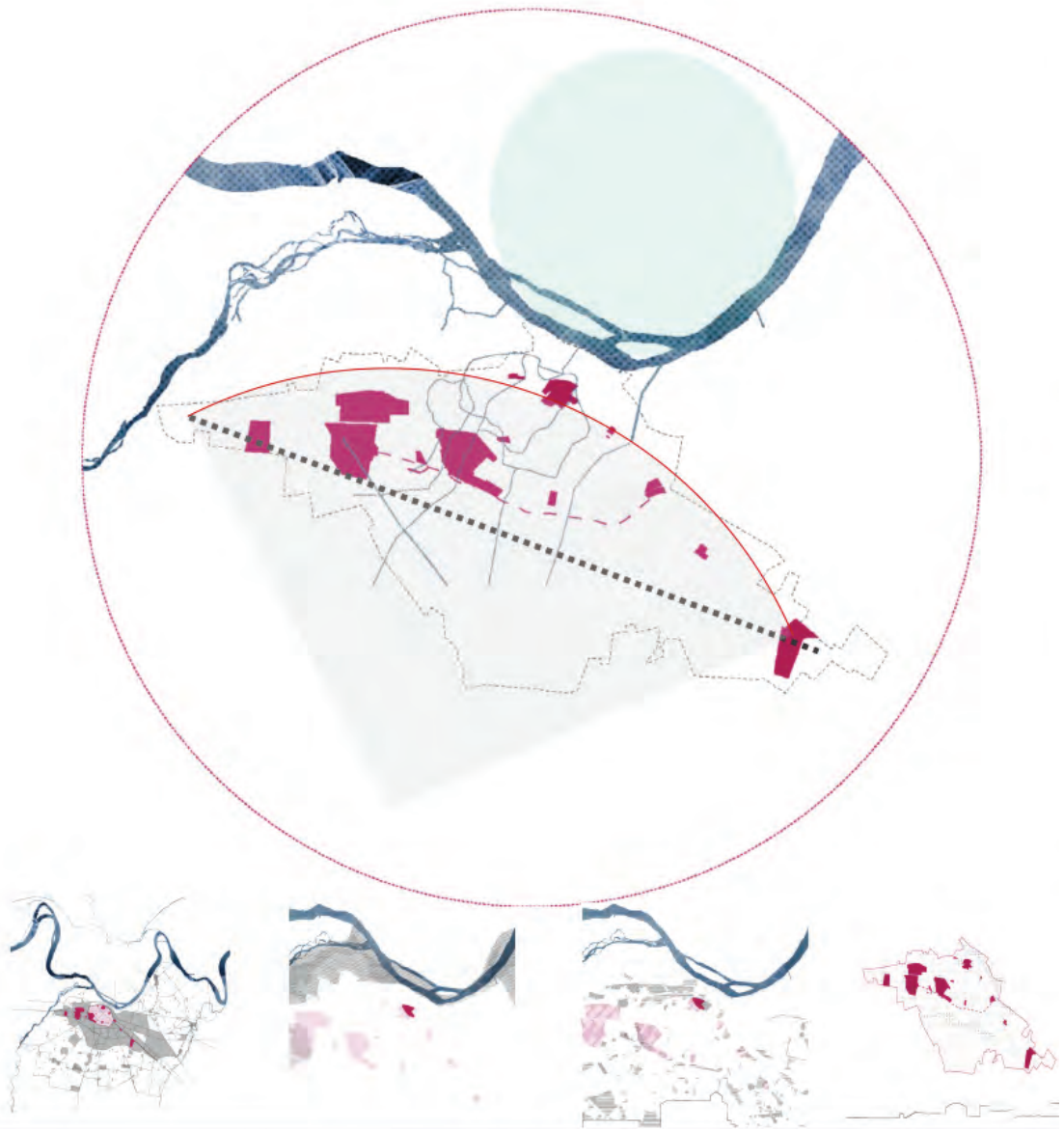
The project for north Piacenza and regeneration of 3 military assets through a sequence of cracks is a shaping sign of a new urban nature, linking the transition between local and global scale, also linking the transition between historical urban city core and abandoned river banks. With this vision Piacenza can undertake a deeper and wider process, especially with regards to its relevant relationship with the Po river, that contributed to Piacenza's history, and its economic and cultural development. The set of proposed actions and interventions aims at becoming local landmarks, while working holistically at both landscape and territorial level so to propose best practices that will reshape the area in a safe and permanent cultural and educational productive space.

The strategic program's objective is twofold:

1. providing Piacenza with a new visibility with respect to territorial flows, foster and strengthen a new city brand, create a water approaching point that could connect the local territory to others along Po river;
2. provide the community with new urban spaces, bring the community closer to river Po landscape and environment, that have always been part of Piacenza and its identity. The overall strategy comprises a set of specific actions that delineate scenarios along urban river-to-city links.

More in detail, the location of the three barracks, aligned with the old via Emilia route, is due to an internal growth plan. Their position, once external, nowadays within city's urban edges, is surrounded by a tight and consolidated urban fabric, poses the challenge of how to regenerate such barracks once external to make them central in Piacenza's context. And to use them as active factors of a re-direction of the city itself along the Via Emilia Pavese (west) axis.

FOCUS MILITARY AREAS



LOCAL SCALE PIACENZA CITY AND ITS NORTHERN LIMIT

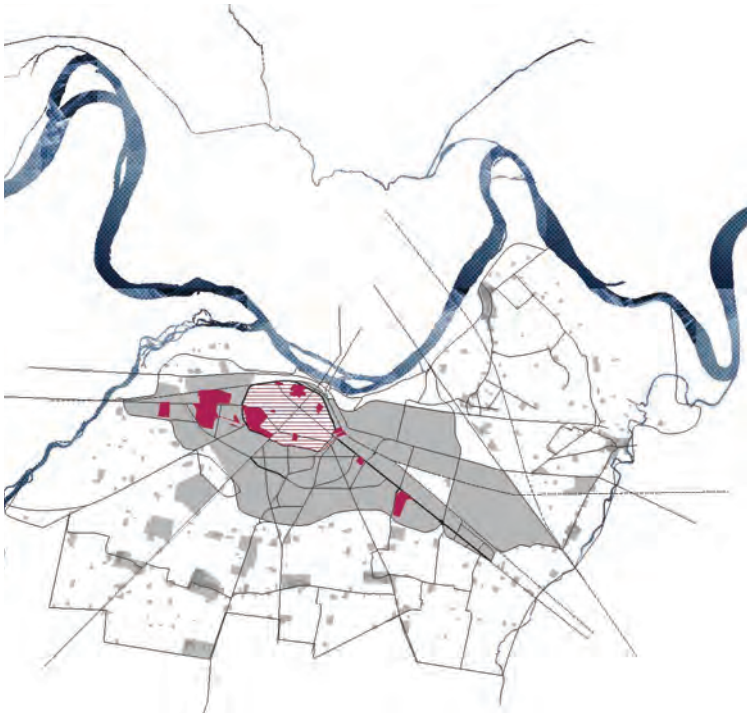
THE RIVER AND THE CITY

VISION FOR A REGENERATION OF NORTHERN INTERNAL LIMIT

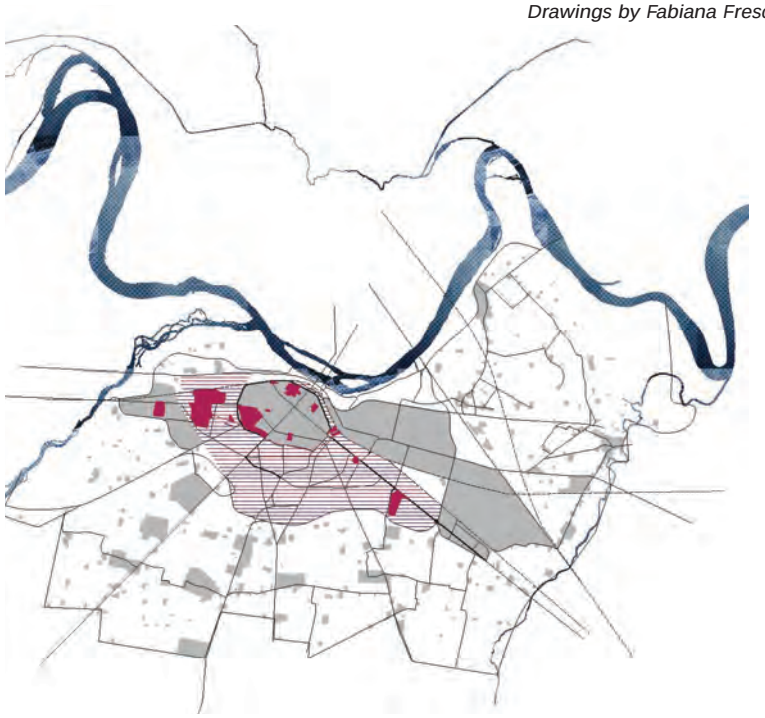
MILITARY ASSETS AXIS AS SITE OF TRANSITION

TOPICS, APPROACH AND AREAS

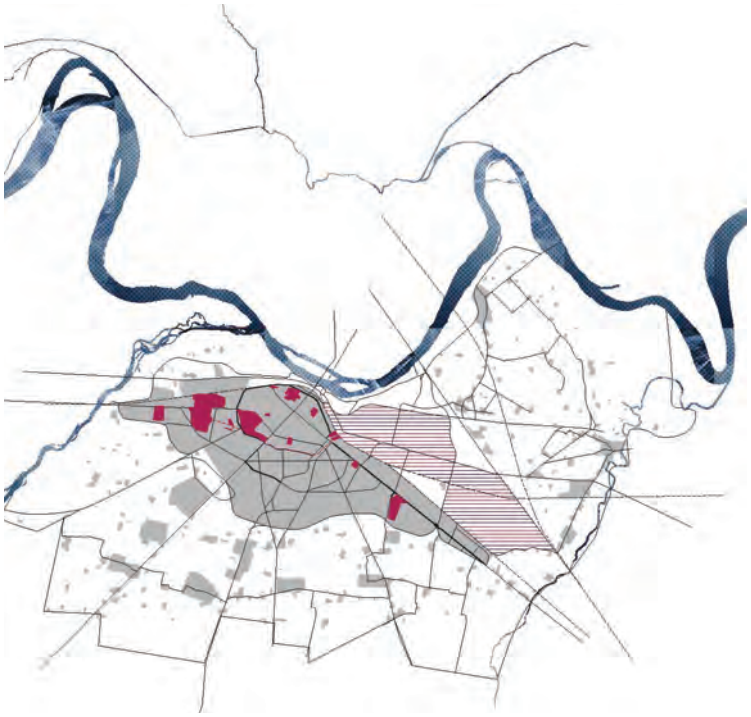
Drawings by Fabiana Freschi



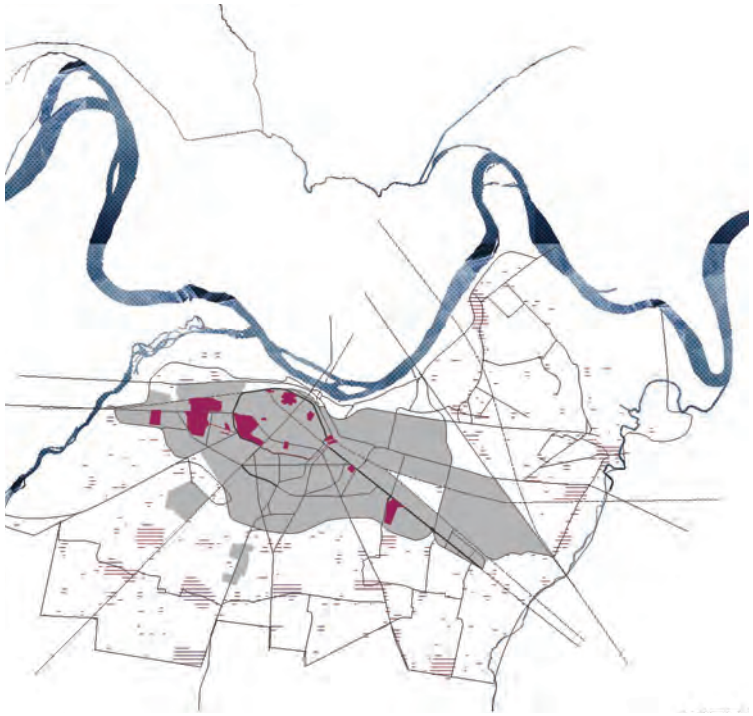
HISTORICAL DENSE CITY CENTER



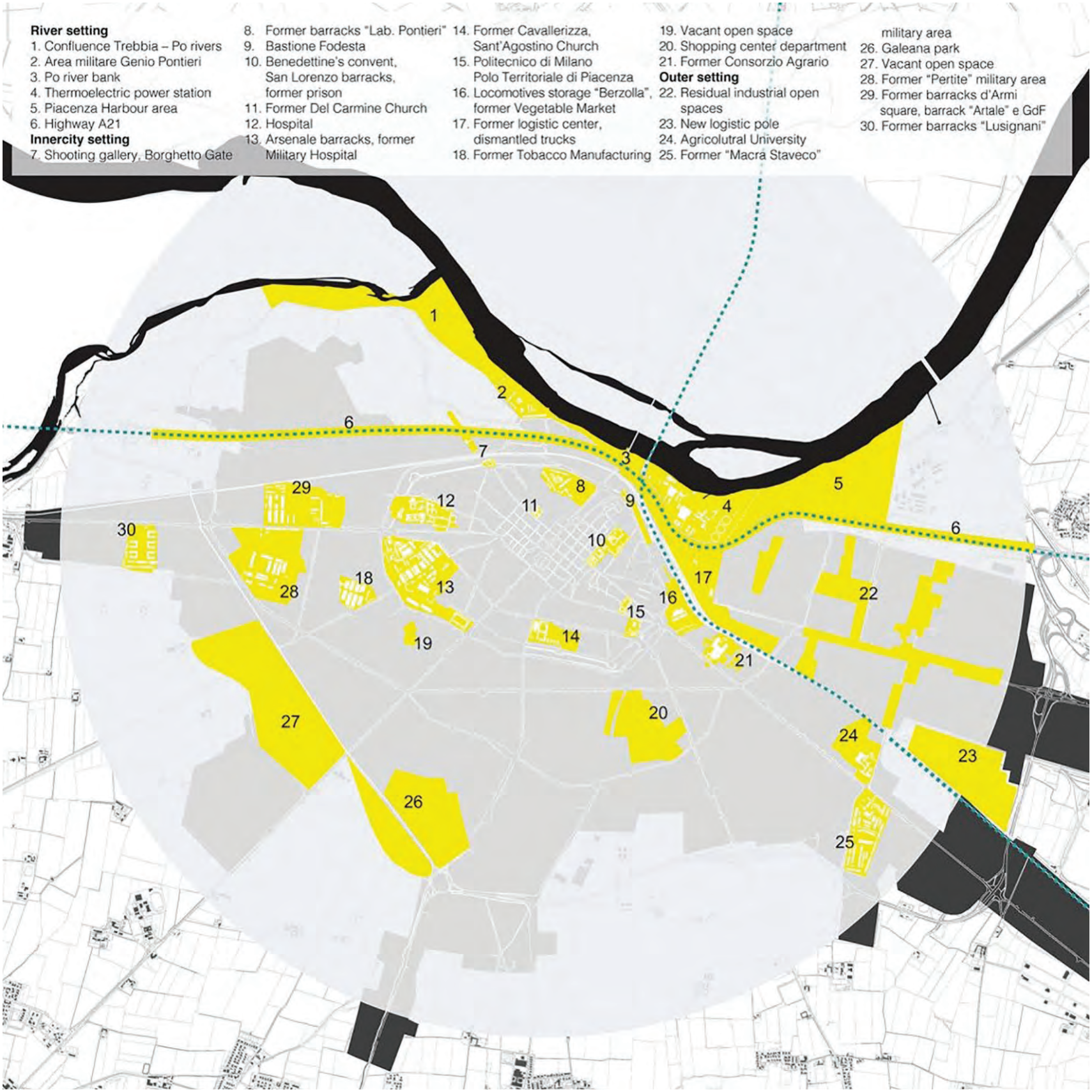
SPRAWLING CITY



PRODUCTIVE AREAS AND INFRASTRUCTURES



AGRICULTURAL RESISTENT FIELDS


River setting
1. Confluence Trebbia – Po rivers
2. Area militare Genio Pontieri
3. Po river bank
4. Thermoelectric power station
5. Piacenza Harbour area
6. Highway A21
Innercity setting
7. Shooting gallery, Borghetto Gate
8. Former barracks "Lab. Pontieri"
9. Bastione Fodesta
10. Benedettine's convent, San Lorenzo barracks, former prison
11. Former Del Carmine Church
12. Hospital
13. Arsenale barracks, former Military Hospital
14. Former Cavallerizza, Sant'Agostino Church
15. Politecnico di Milano Polo Territoriale di Piacenza
16. Locomotives storage "Berzolla", former Vegetable Market
17. Former logistic center, dismantled trucks
18. Former Tobacco Manufacturing
19. Vacant open space
20. Shopping center department
21. Former Consorzio Agrario
Outer setting
22. Residual industrial open spaces
23. New logistic pole
24. Agricolutral University
25. Former "Macra Staveco"
26. Former barracks "Lusignani" military area
27. Galeana park
28. Vacant open space
29. Former "Pertite" military area
30. Former barracks d'Armi square, barrack "Artale" e GdF

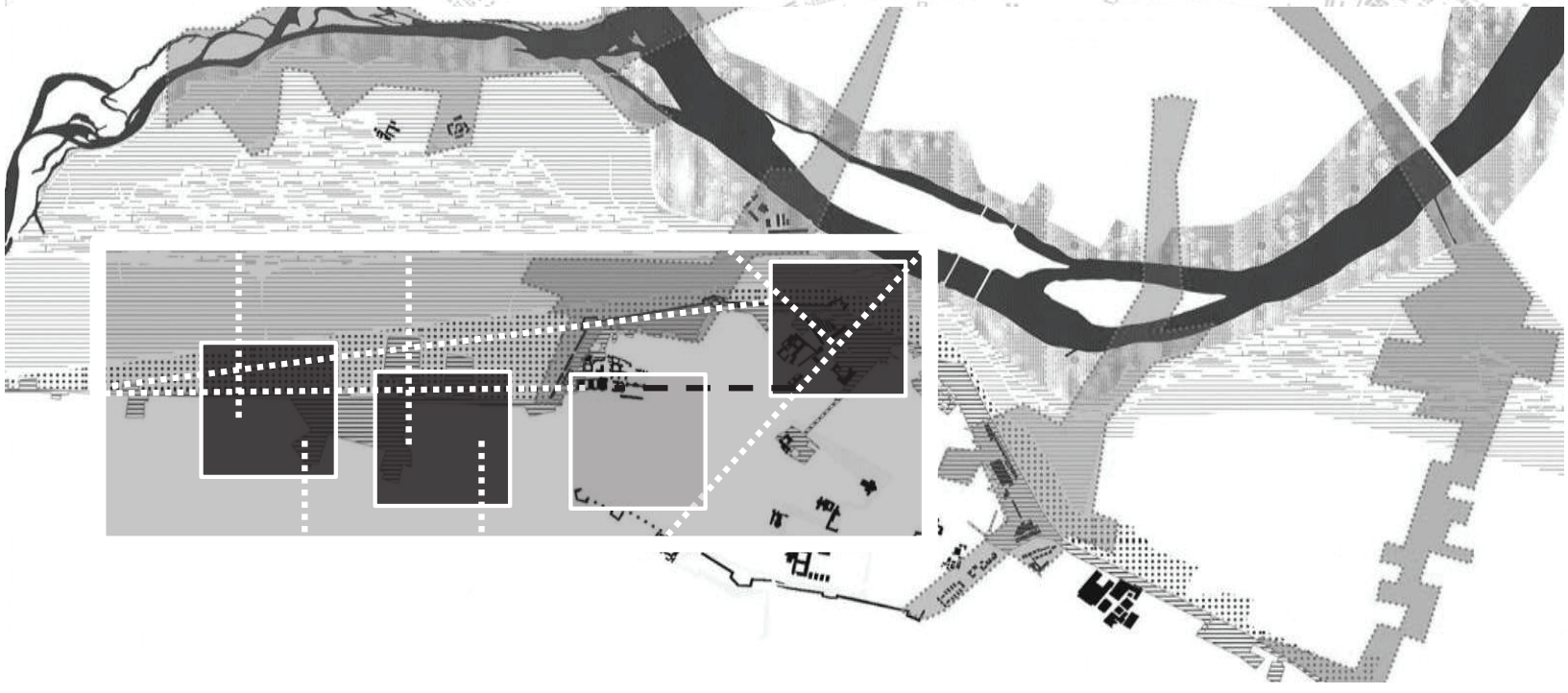
FOCUS MILITARY AREAS

LOCAL SCALE PIACENZA CITY AND ITS NORTHERN LIMIT

THE RIVER AND THE CITY

VISION FOR A REGENERATION OF NORTHERN INTERNAL LIMIT

MILITARY ASSETS AXIS AS SITE OF TRANSITION



AMONG THE CITY AND THE RIVER

On a territorial level, the main challenge that Piacenza will have to face with these potentials will be to reverse the general trend of migration of the population from the historic city towards the suburban areas. To gear up in this direction, the city must necessarily provide diversified services and attraction sites, able to match the changed needs of the contemporary living, adapting to the rapid flows of mobility, catching the instances of the growing number of temporary residents (students, tourists, commuters), fighting the aging of the resident population becoming more attractive for young people and families. As a consequence of such scenario, at a local level, the historical city center will gain importance and become the vital core of broader surroundings as it is revitalized by an active network of structures, whose aim is to foster and spread culture and innovation. Supporting new-generation commercial and sport activities, supporting smart-mobility and ICT infrastructures, supporting an integrated system made of open spaces for public use: all this will be essential and pivotal to a truly attractive historical city center and a truly attractive city as a whole. In such process, reorganizing mobility will play a fundamental role, starting from infrastructures in north Piacenza, including those areas that will be freed after the main railway freight station will be moved. Pursuing such objective, Piacenza will face a wider challenge that is the urban regeneration related to the controversial and denied relationship with river Po.

In such broad horizon of regeneration, military areas can play a fundamental and crucial role in the urban re-thinking process of the territory between the river-infrastructure and the dense urbanized area. In fact, they can be one end of urban links between river banks and the city.

AREA 1
AREA 2
AREA 3

TOWARDS AN INNOVATIVE LANDSCAPE

Consequently, there are some potential advantages: firstly, the presence of connections such as links with riversides, freeway and railway network, that despite their current role of separators could become joints of the strip of land between the river Po and the city. It is clear, then, that challenges are as complex (what to do with abandoned military areas) as suggestive (presence of old buildings and traces of old constructed patrimony). Such preamble is useful to deal with some problems that currently those areas are facing. Their restoration to a stage with military areas integrated in the urban fabric could potentially facilitate the promotion of mixed functionalities (culture, research, university, commerce, business, social services) for a wide range of users (students, workers, researchers, professors, artists, designers). All these users are the foundation for what Richard Florida called creative class, a complex group of human beings that producing shapes and designs for the contemporary cities, is a new economic engine. As other citizens, this group demands high quality urban spaces, lively enclaves, that allow for interactions. These are the objectives of OC proposal for military areas in Piacenza: to learn from mistakes of the past and to change following contemporary city principles, so to pave the way towards a new model of ecologically sustainable city, socially sensitive and with roots in urban places.

From a spatial-dwelling standpoint, the preserved availability of military areas allows for a wide reflection on the extended meaning of the urban designer. If systemic characters are recognized for the city, it is necessary to critically evaluate how many and what elements contributed to nowadays city's shape. Historical city modified in recognizable stages, slowly, so that the physical pattern could adapt and stabilize even as a consequence of radical changes (the same can be seen in other Italian and European cities).

AREA 1 PONTIERI BARRACKS

Internal gate

To regenerate as a dedicated space to training and promotion of new economies 4.0 related to cultural start- ups, co-working spaces, other public spaces and for the integration and support of the active urban culture, history and identity

Connections with Po River
Bridges Railway Station
Palazzo Farnese and historical locations
City center

SURFACE 70.000 sqm

AREA 2 PONTIERI BARRACKS

Central Gap

To regenerate by reconfiguration of open spaces and abandoned buildings in an integrated network and by the construction of a park integrated by a multi-purpose platform dedicated to innovation in production processes, local artisans works, teaching methods, agricultural and farming processes, renewable energy, local producers' markets.

Connections with Motorway ring
Via Emilia, Hospital and other collective infrastructures
Agricultural fields

SURFACE 300.000 sqm

AREA 3 LUSIGNANI BARRACKS

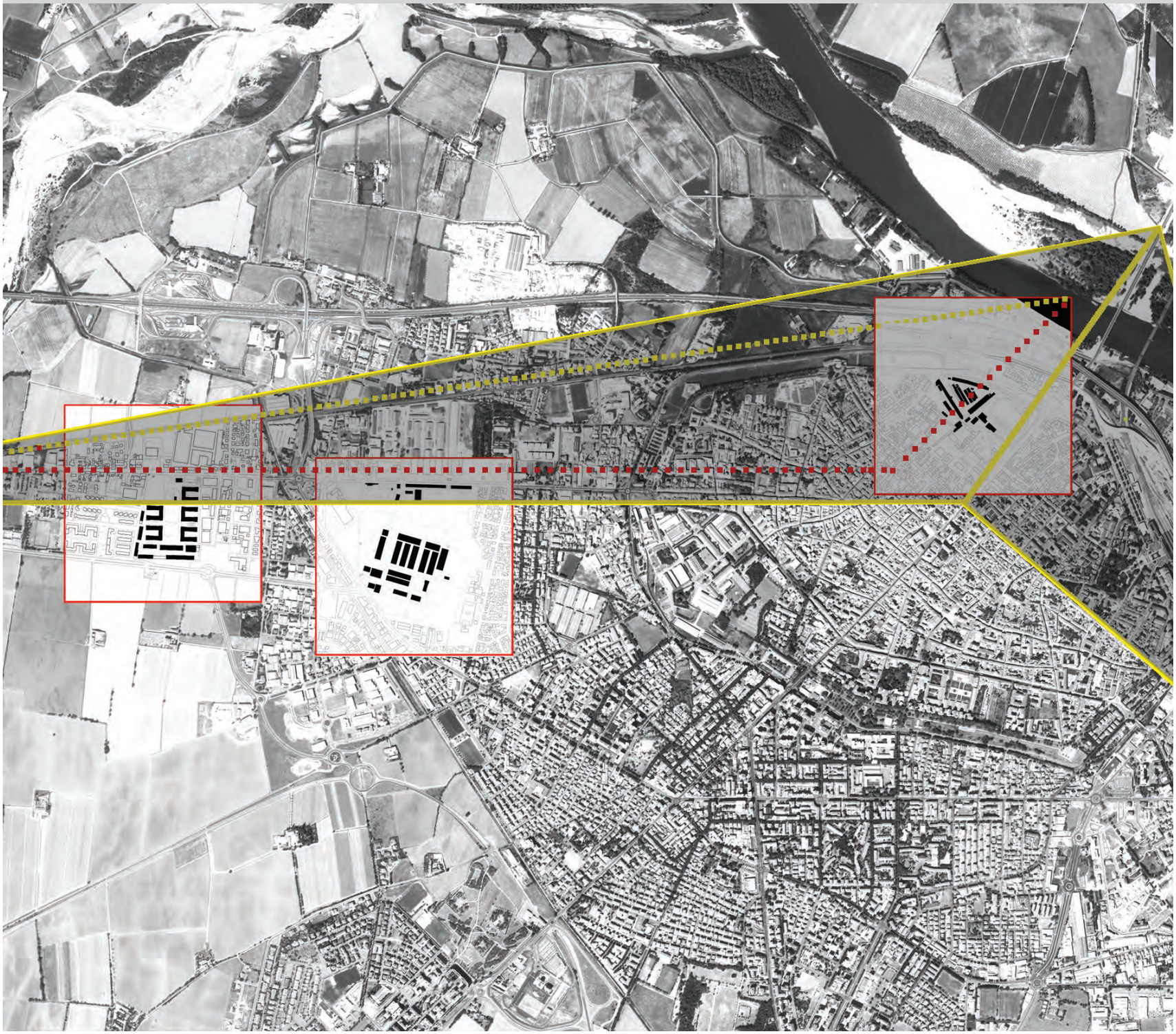
External gate

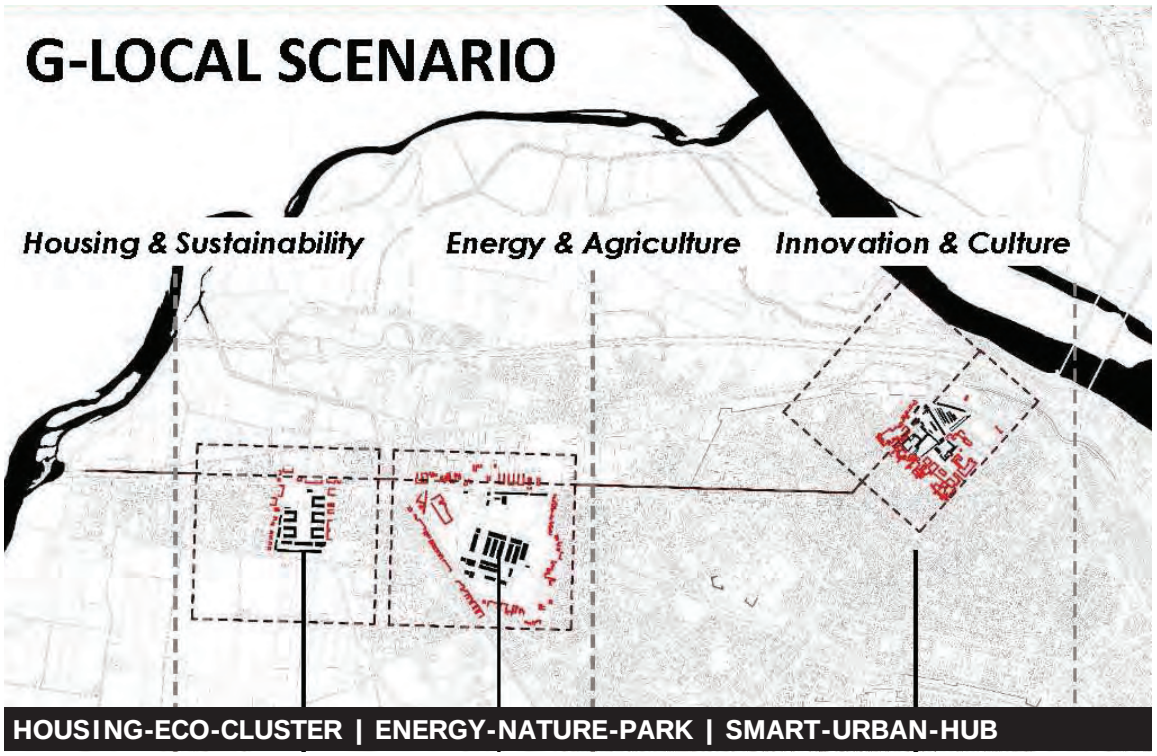
To renovate as a gateway for new forms of accomodation such as social housing and temporary residences, well connected with the city center but in an environment with strong natural qualities and with a wide application of sustainable methods and performances.

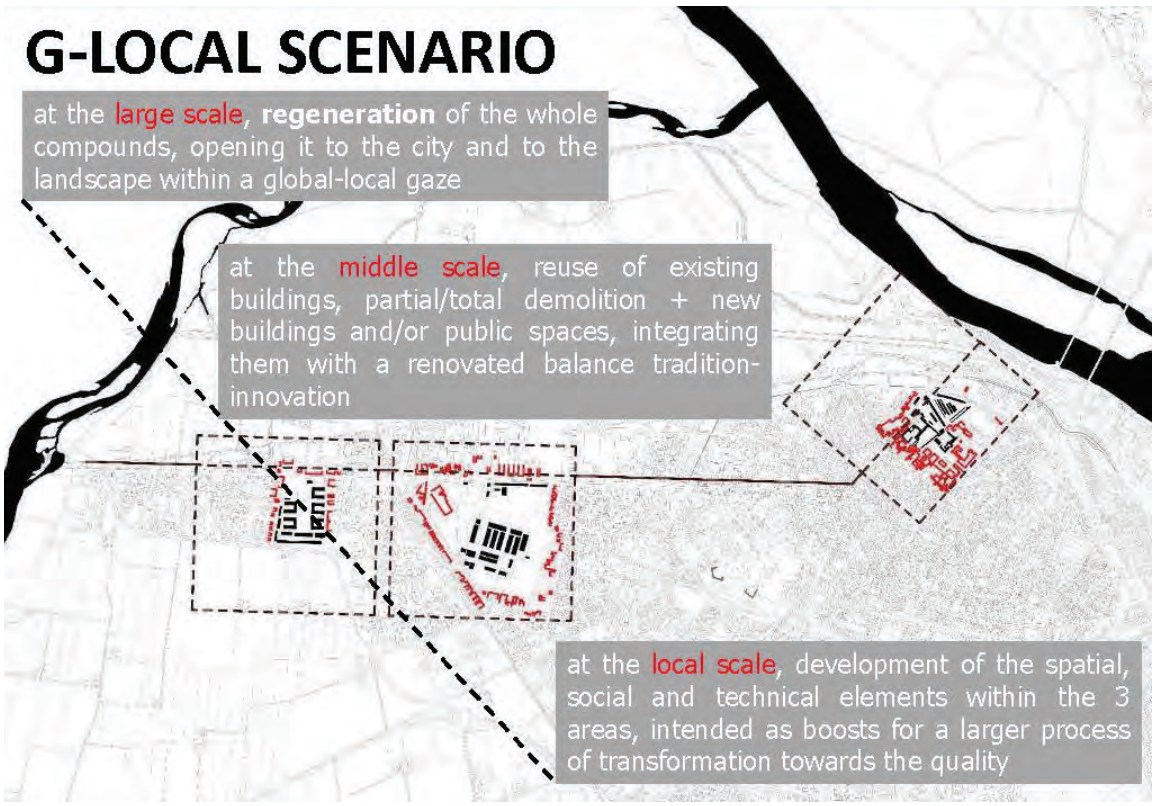
Connections with Trebbia River
Via Emilia
West system of the city
Agricultural fields

SURFACE 90.000 sqm

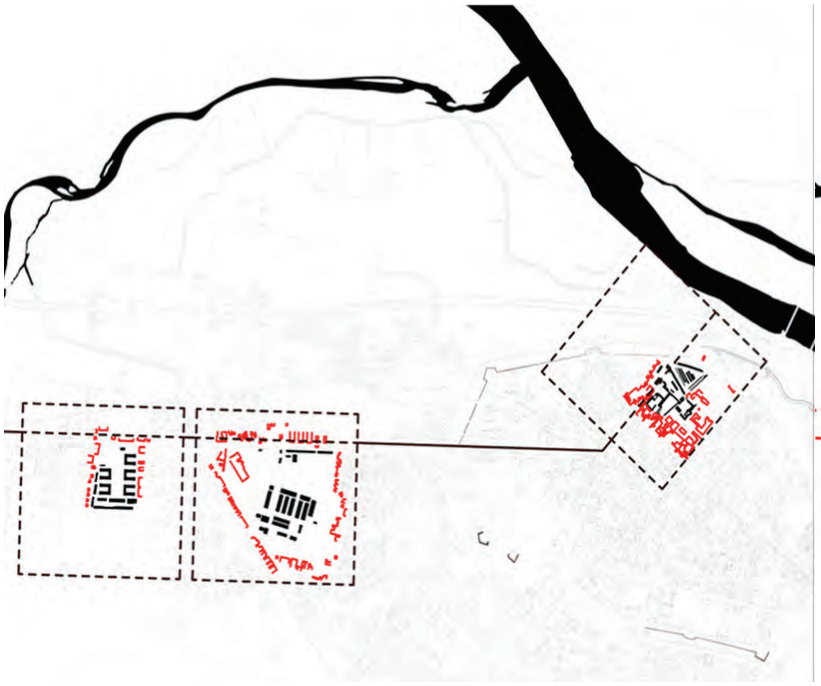
TOPICS, APPROACH AND AREAS

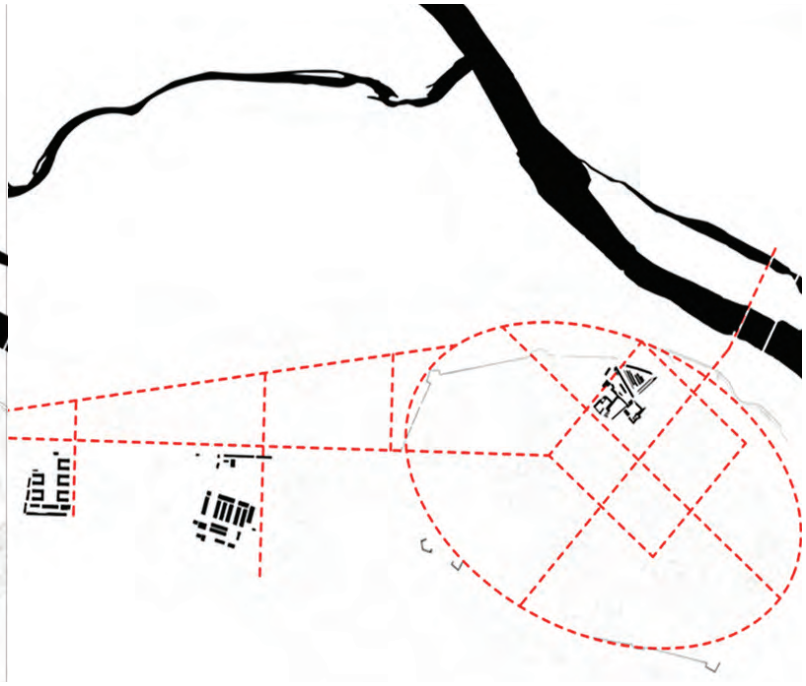






TOPICS, APPROACH AND AREAS



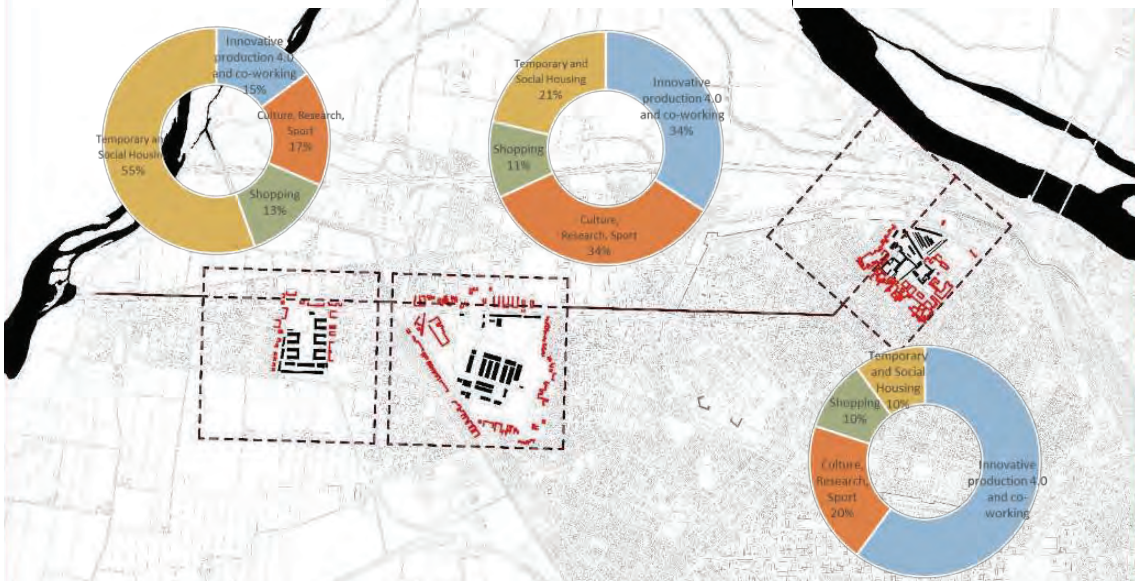


HORIZONTAL VISION: | PRINCIPLES | MEASURES

VERTICAL VISION: | SECTIONS | CORRIDORS

FUNCTIONAL PROGRAM

25.000 *sqm of floors* | ***25.000*** *sqm of floors* | ***25.000*** *sqm of floors*



COMPLEMENTARY LANDSCAPES

historical landscape

agricultural landscape

infrastructural landscape

fluvial landscape

productive landscape

infrastructural landscape

urban landscape

abandoned landscape

infrastructural landscape

TOPICS, APPROACH AND AREAS

ISSUE #1 - *culture / innovation / services*

THEMATIC PROGRAM STRATEGIES

1.1 Regeneration of existing buildings through an organic process able to redefine the sections (above and under the soil), oriented to innovation, both as functions and as images
1.2 Graft of multiple and integrated functions, about culture, production, education, sport, social representation and housing
1.3 Integration of productive hubs and commercial spaces, able to bring attractivity and urban dynamism into the former military assets

DESIGN ACTIONS

Design of sites and places for shared forms of production 4.0
> Co-working areas: offices, shared infrastructures, collectives services
> Social area: exhibition rooms, showcas boxes, memory corner, hall, bar, restaurant
> Fabbing area: productive spaces with innovative equipments

Design of a sustainable social housing district
> Flats and apartments for different categories of temporary residents
> Innovative and experimental types of housing
> Collective spaces and common facilities

Design of hubs with flexible spaces for shopping, logistic, creativity and culture
> Shopping areas with temporary markets and workshops
> Exhibition rooms and event areas
> Auditorium and corners for social representation

ISSUE #2 - *public space / open space / shared space*

THEMATIC PROGRAM STRATEGIES

2.1 Design of large intervals of urban collective and shared spaces, through new paths, squares and parks
2.2 Grafting of different types of nature and green, with a collective vocation and as connections, within a process able to generate sequences of natural and ecological compounds among Po and Trebbia water-fronts and northern urban areas
2.3 Integration of visual wedges able to build a new geography and new landscape directions

DESIGN ACTIONS

Design of collective and shared spaces as nodes generating communities
Design of green, natural and semi-natural areas, integrating the existing vegetation
Design of open-air sport facilities

ISSUE #3 - *edges / fences / wedges*

THEMATIC PROGRAM STRATEGIES

3.1 Intensifying connections with surroundings thanks to newarchitectural elements able to improve potentials of urban and territorial relationships through new paths, squares and parks
3.2 Building of sequences of lines, directions and walls - also interfering and interacting with the soil - not as dividing components but as new diaphrams orienting gazes and movements
3.3 Defining multiple hierarchies of permeability and porosity, with critical selection of edges and fences as well as with opening of gates and thresholds

DESIGN ACTIONS

Design of a new system of local accessibility, through gates and thresholds
Design of an innovative geography of local connections, path and nodes
Design components oriented to build multiple hierarchies of permeability

ISSUE #4 - *mbility / nodes / connections*

THEMATIC PROGRAM STRATEGIES

4.1 Improving the cycle and pedestrian accessibility in assets which are recovering a topical position in the urban and territorial slow mobility
4.2 Opening new paths and connections among city and rivers (north-south) and among urban nodes (east-west)
4.3 Building a new urban front along mail east-west axis (via Emilia Pavese and walls ring) in relationships with the rivers and the city

DESIGN ACTIONS

Design of pedestrian and cycle paths, with an interchange slow mobility hub
Design parking facilities in order to realize car-free areas
Design clear and efficient connections with public transportation network

SUMMER SCHOOL IS ALSO A GAME

10 RULES

FOR AN INNOVATIVE PROJECT LANDSCAPE-ORIENTED

REDEFINING THE BORDERS

IMPROVING PERMEABILITY AND POROSITY

BUILDING A NEW IDENTITY

INTEGRATING PUBLIC (60%) AND PRIVATE (40%) FUNCTIONS

GRAFTING THE EXISTING BUILDINGS KEEPING THE DENSITY

INSERTING SHARED ACTIVITIES

HIGH-TECH AND LOW-ENERGY DISTRICT

INSERT DIFFERENT TYPES OF NATURES

MIXING STRATEGICAL AND TACTICAL APPROACH

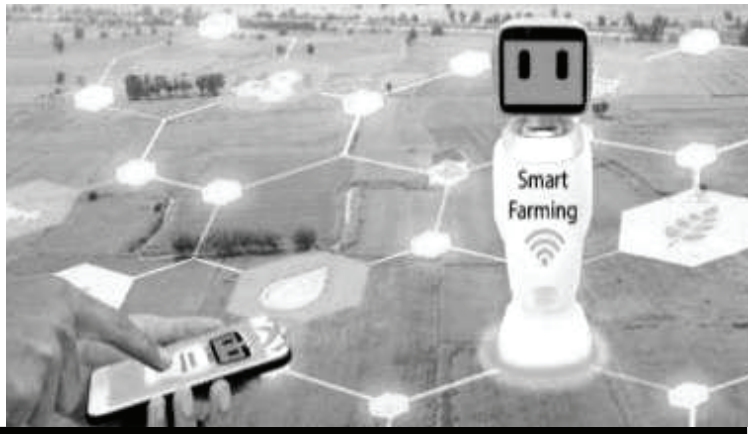
DESIGNING A NEW LANDSCAPE

TOPICS, APPROACH AND AREAS

STEP 1

AN IDEA FOR A CITY PROJECT AS A STORY

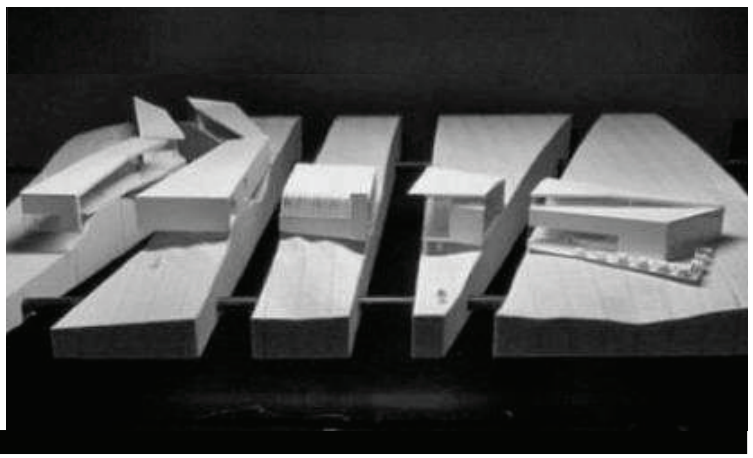
Starting from the maps,
each of the three groups defines an idea of CITY-MANIFESTO, referred to the future of Piacenza (2050), that shows:
principles, paradigms, concepts, ideas.



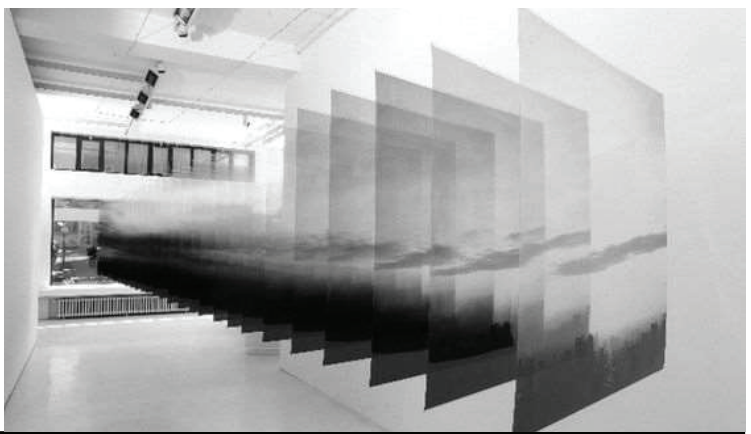
STEP 2

AN URBAN SECTION

The idea of future city isdeveloped through an urban internal section, designed following the concept, able to stress the idea at the architectural scale.



STEP 3

INTERNAL URBAN SPACE

The places generated by the urban section, are developed and communicated at the architectural scale in form of images, drawings, movies, other models...