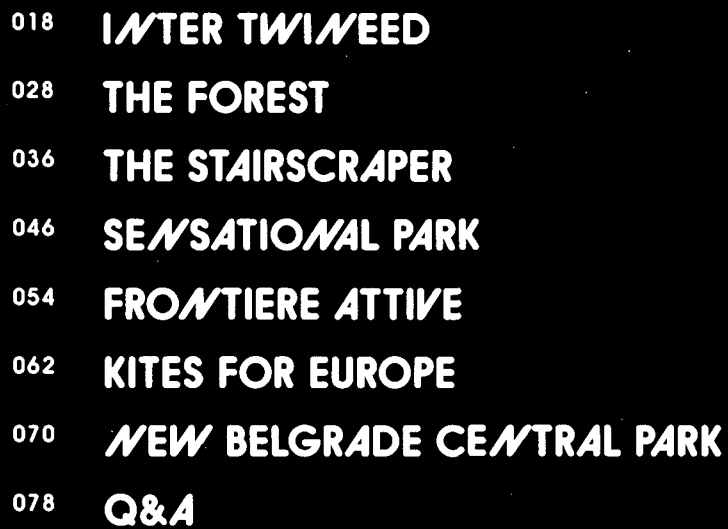



# **CONSTRUCTION AND DESIGN MANUAL**

by Jungwoo Ji

**"THE SOCIETY IS  
BECOMING MORE  
COMPLEX. THERE IS AN  
INCREASE IN INFORMA-  
TION AND DESIRES OF  
THE CITY. WITH BROAD  
ISSUES INCLUDING  
MATERIAL, ENVIRON-  
MENT, ECOLOGY, AND  
BEHAVIOR, CLEAR  
DIAGRAM BECOMES  
MORE IMPORTANT WITH-  
IN TODAY."**



018	<b>I/NTER TW/NEED</b>
028	<b>THE FOREST</b>
036	<b>THE STAIRSCRAPER</b>
046	<b>SEN/SATIONAL PARK</b>
054	<b>FRONTIERE ATTIVE</b>
062	<b>KITES FOR EUROPE</b>
070	<b>NEW BELGRADE CENTRAL PARK</b>
078	<b>Q&amp;A</b>

NAbito (Alessandra Faticanti 1975, Roberto Ferlito 1973) is a multidisciplinary team based in Barcelona and active on the mediteranean territories like Italy Spain and France looking for similarities and differences. His attempt is to redefine a different process of elaboration for a new contemporary culture, from the social and economic point of view. The goal of nabito arquitectura is to develop a cultural mix related and in communication with parallels realities. Nabito Won the important european award "Nouveaux albums des jeunes architectes Paris 2006", given by the ministry of culture. They won several competitions in Europe starting to build his first buildings.  
[www.nabit.it](http://www.nabit.it)

- 082 **SODRA COMPETITION**
- 088 **FRANTISKANSKE NAMESTIE COMPETITION**
- 096 **ISLAND COMPETITION**
- 102 **Q&A**

Nice Architects loves to produce surprising ideas, optimistic visions and lifefull strategies in architecture, urban & landscape design and related fields.  
[www.nicearchitects.sk](http://www.nicearchitects.sk)

M.arch. IGOR ZACEK (\* 1982)  
Schools: Faculty of architecture STU Bratislava – M.arch. / Department of civic design, University of Liverpool  
Works: Aurex (SVK), Venhoeven CS (NL), Nice Architects (SVK)

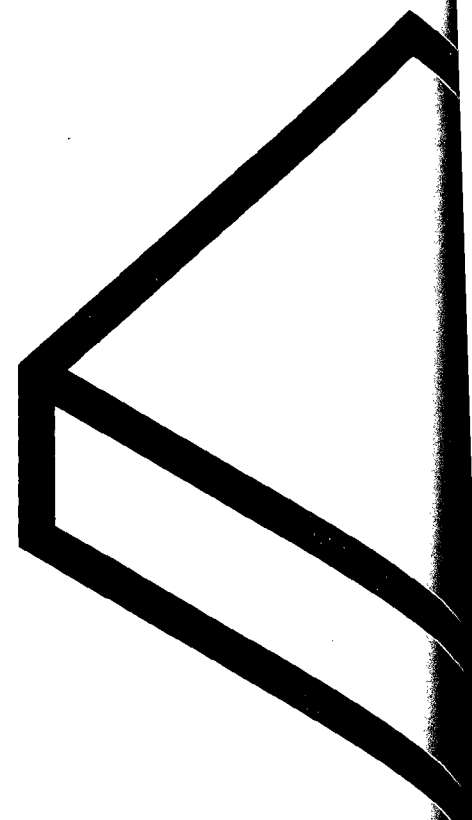
M.arch. SONA POHLOVA (\* 1984)  
Schools: Faculty of architecture STU Bratislava – B.arch. / Arquitectura La Salle, Universitat Ramon Llull, Barcelona  
Works: Aurex (SVK), Vallo-Sadovsky architects (SVK), Barbarela studio (ESP), 3XN (DK), Nice Architects (SVK)

M.arch., Ml. TOMAS ZACEK (\* 1979)  
Schools: Faculty of architecture STU Bratislava – PhD. (Current study) / Faculty of architecture STU Bratislava – M.arch. / Faculty of building constructions STU Bratislava – Ml.  
Works: Aurex (SVK), Mitchell & associates (IRL), Dominique Perrault (FR), BIG (DK), Willy Muller (ESP), Nice Architects (SVK)

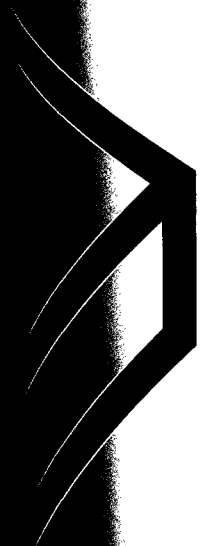
BETILLON / DORVAL-BORY is a young architecture firm based in Paris and Toulouse.

After working independently for years, Raphaël Bétillon and Nicolas Dorval-Bory join forces in 2009 to create a new dynamic in their practice of architecture. The office works in a wide range of scales, from public buildings to small experimental projects. With a particular attention to details and materials, their architecture aims for a radical expression defined by simplicity, often inspired by contemporary art, science and environment.

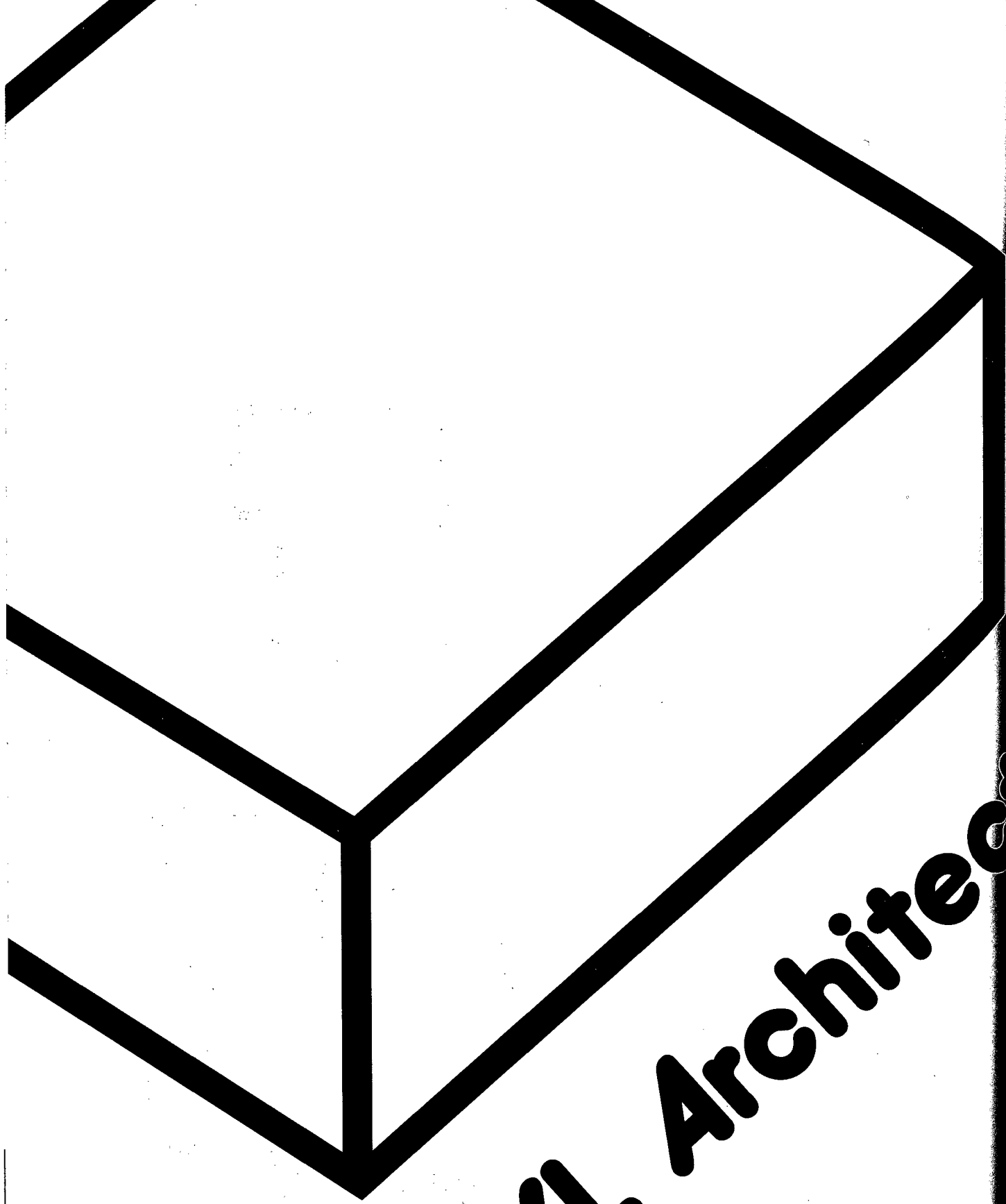
More than any dogmatic approach, their work tries to conceive each project as a real climate, where visible (solid) and invisible (atmospheric) matters generate strong chemical and physical interactions, giving rise to aesthetic and functional radicalism. By setting up such scenarios, the office seeks to develop a new architectural paradigm based on a climatic analysis of spaces.



- 106 **WATER FROM THE SUN**
- 118 **THE TIME OF ENVIRONMENTS**
- 130 **SNOW HOUSE**
- 140 **Q&A**



**NICOLAS  
DORVAL-BORY  
ARCHITECT**



**NL Architects**

NL Architects is an Amsterdam based office. The three principals, Pieter Bannenberg, Walter van Dijk and Kamiel Klaasse, officially opened practice in January 1997, but had shared workspace already since the early nineties. All were educated at the Technical University in Delft.

Some of their projects include Parkhouse/Carstadt (an attempt to integrate auto-mobility and architecture), WOS 8 (a seamless Heat Transfer Station in Utrecht) and the Mandarina Duck Store in Paris (for/with Droog Design). The BasketBar (a grand café with a basketball court on the roof at the university campus of Utrecht) and the conference lunch lounge lobby for insurance company Interpolis in Tilburg, a residence in Korea, a public square in Dordrecht, the redevelopment of the space under elevated highway A 8 in Koog aan de Zaan (including sport facilities, a skate zone, a supermarket and a mini marina) were recently completed.

Currently the office is involved in 'numerous projects in various stages of development', including housing in different sizes, cultural facilities and sports buildings. Early 2007 the office won a prestigious competition for the so-called Groninger Forum: an exhilarating public mixture of library and cinema and museum.

At the moment the office is working on their first project in China: a large villa in the framework of Ordos 100, a village in Inner Mongolia curated by Ai Wei Wei and designed by 100 international architects that were selected by Herzog and de Meuron.

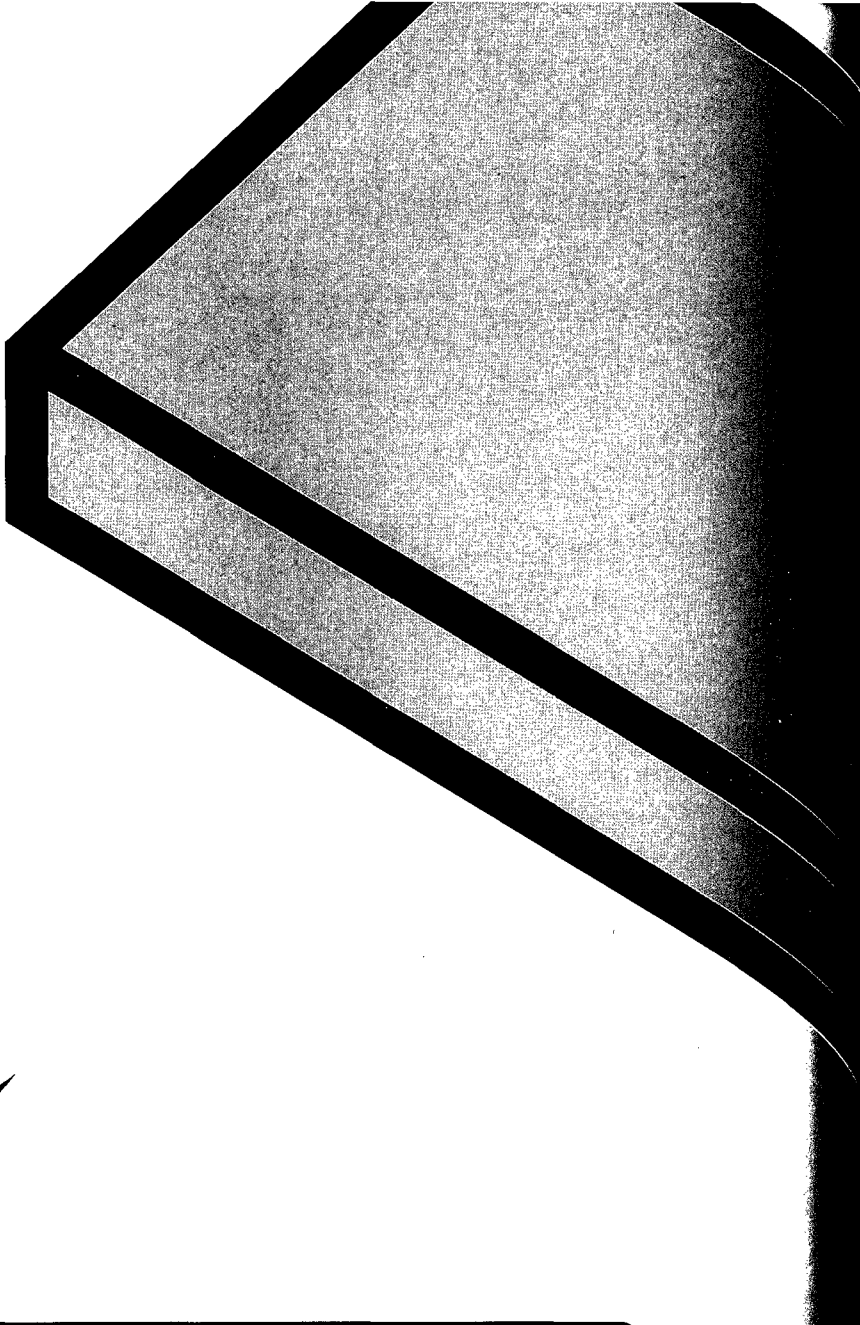
The office employs an international staff of about 20 - 25 people. The Remix of Reality - a monograph in Design Document series by Korean Publisher Damdi - is in stores now. A new book edited by Bruce Q. Lan of AACDCU came out with HUST Press: Life Logo [www.NLArchitects.NL](http://www.NLArchitects.NL)

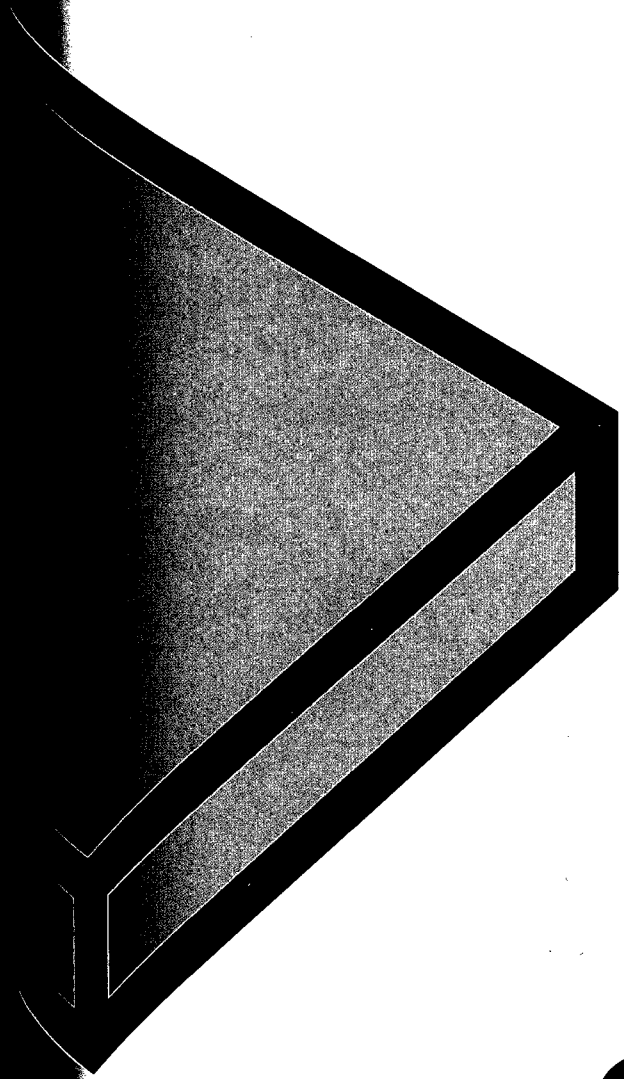
- 146 **MULTI MILL**
- 152 **HONG KONG BOUNDARY CROSSING FACILITIES**
- 162 **TAIPEI PERFORMING ARTS CENTRE**
- 174 **TAIWAN TOWER**
- 182 **Q&A**



REX is an internationally-renowned architecture and design firm based in New York City under the leadership of Joshua Prince-Ramus. In addition to the Vakko Fashion Center and Power Media Center in Istanbul, Turkey, REX recently completed the AT&T Performing Arts Center's Dee and Charles Wylie Theatre in Dallas, Texas. Current work includes Museum Plaza, a 62-story mixed-use skyscraper housing a contemporary art center in Louisville, Kentucky; the new Central Library and Music Conservatory for the city of Kortrijk, Belgium; and a 2,643,000 ft<sup>2</sup> luxury residential development in Songdo Landmark City, South Korea. Within the past year REX received second prize in both the international competition for the new Edvard Munch Museum in Oslo, Norway, and the Finnish Innovation Fund's Low2No sustainable development competition in Helsinki, Finland.

[www.rex-ny.com](http://www.rex-ny.com)

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- |     |   |
|-----|---|
| 186 | <b>VICTORIA &amp; ALBERT MUSEUM AT DUNDEE</b>             |
| 196 | <b>VAKKO HEADQUARTERS AND POWER<br/>MEDIA CENTER</b>      |
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| 214 | <b>MUNCH MUSEUM AND STEINERSEN<br/>MUSEUM COLLECTIONS</b> |
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# **REX architecture**

- 234 **MIXED GRAINS**
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- 272 **NEW MARIBOR ART GALLERY**
- 284 **CUMULUS**
- 302 **TERZ LEIPZIG**
- 310 **Q&A**

SMAQ – architecture urbanism research  
(Berlin) Sabine Müller / Andreas Quednau

SMAQ is a collaborative studio that operates in the field of architecture, urbanism and research. SMAQ was founded by the architects Sabine Müller and Andreas Quednau and is based in Berlin. Sabine Müller is architect and an assistant professor at the University of Karlsruhe, Germany where she teaches architectural and urban design and urban theory. Andreas Quednau is architect and professor for Architecture and Urban Design in the Faculty of Architecture at Stuttgart State Academy of Art and Design, Germany. SMAQ has conducted urban research projects as well as architectural, landscape and urban projects in Africa, Asia, Europe, North and South America and received an AR Award for their public bath in Stuttgart and the Holcim Award for Sustainable Construction for their masterplan Xeritown, Dubai. Their current projects include of an art hotel in Beijing, a masterplan for the urban regeneration of the harbor area in Magdeburg, Germany as science quarter as well as a sustainable masterplan for the regeneration of a suburban center in Oslo, Norway. SMAQ's work has been published and exhibited widely, most recently at the International Architecture Biennials in Rotterdam and Venice.  
[www.smaq.net](http://www.smaq.net)



**SMAQ**

#### SPACE GROUP

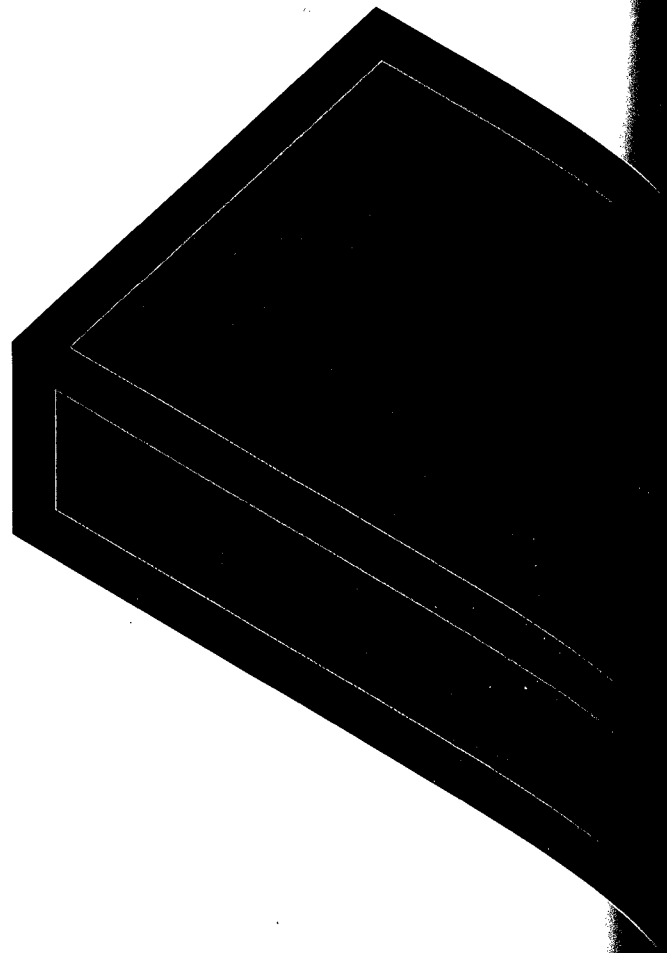
Space Group was created in Norway in 1999 as an international practice concerned with the Contemporary City and designing the Space within it.

#### WHY

We are surrounded by SPACE. Personal Space, Psychological Space, Public Space, Interstitial Space, Urban Space, Virtual Space, Future Space, Free Space. SPACE is heterogeneous, schizophrenic, promiscuous, and uncertain. SPACE is where flows and frictions meet. SPACE GROUP is an actor in the dynamic critical system of SPACE Architecture is not reducible to simplification and manageability. The Space that we operate in as architects nevertheless is increasingly complex. ARCHITECTURE continuously reinvents its relationship to landscape, culture, art, information, program, technique, and SPACE, challenging the perceptions and potentials of both use and users. SPACES for the staging of uncertainty - SCENES for diverse behaviors, flows, mutations, and demands - CONDITIONS for the coincidence of program, landscape, and architecture - FORMULATIONS of the built environment through a meshwork of people, materials, information, ideas, and fiction.

#### HOW

Our approach to Architecture and Urbanism is straightforward and effective; process-oriented, an open system for change and feedback, research and development - social, architectural, and programmatic. The profession of Architecture has exploded into infinitesimal parts - Space Group represents a collective intelligence where the whole is greater than the sum of the parts. Through research we systematize the status quo, making information operative by continually redefining the context of data. Space Group is a 'network based' office - a broad international intelligence base and compact core that attacks both small and large projects with similar ambition - strategic and inventive, flexible and specific. The partners in Space Group are involved in every aspect of each project. The office believes in an intense collaboration, working closely with clients to find unique solutions and strategies.



314

**H+**

322

**MØRREPORT STATION**

330

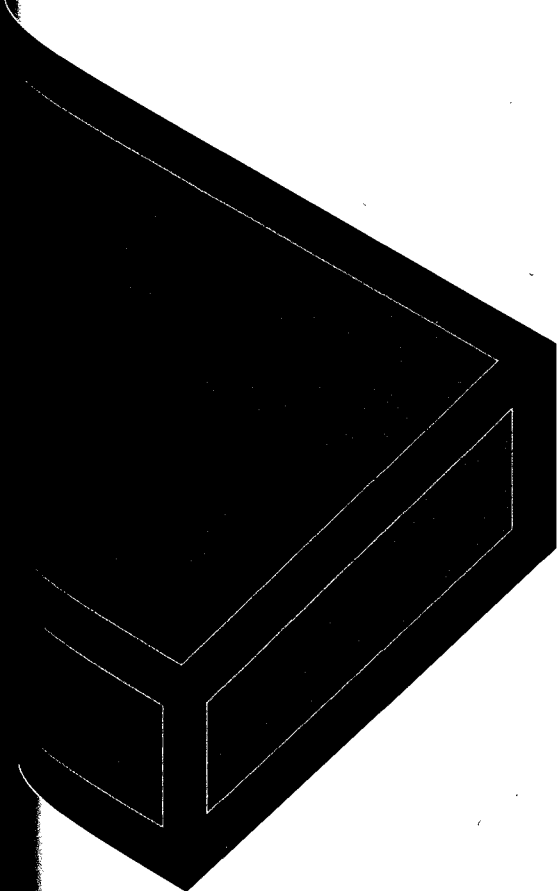
**FILIPSTAD**

346

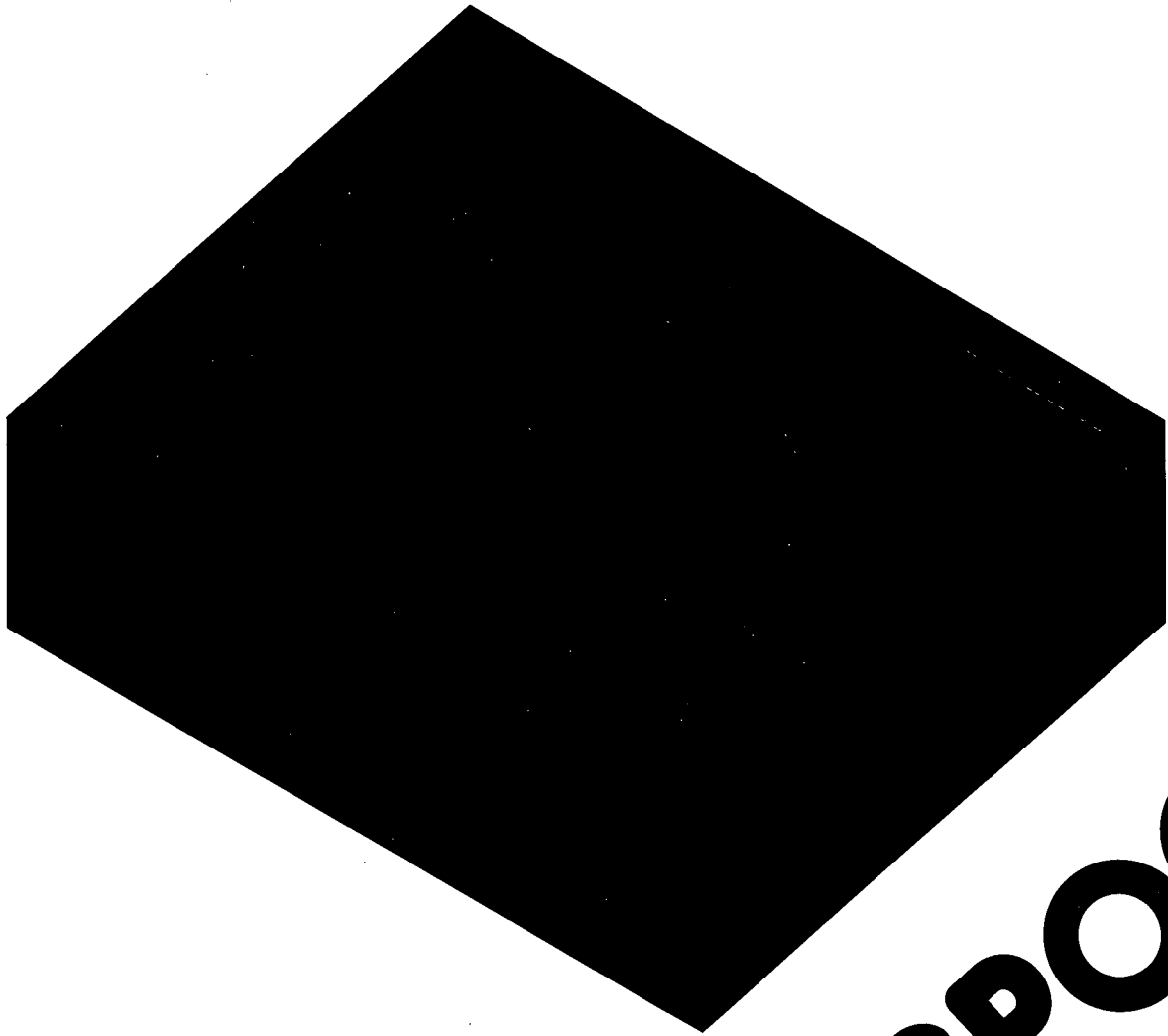
**OSLO CENTRAL STATION**

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**Q&A**



**SPACE GROUP**



**T SPOON**

362 THE BIG HUG

382 MOON

390 INFRACITTÀ

398 Q&A

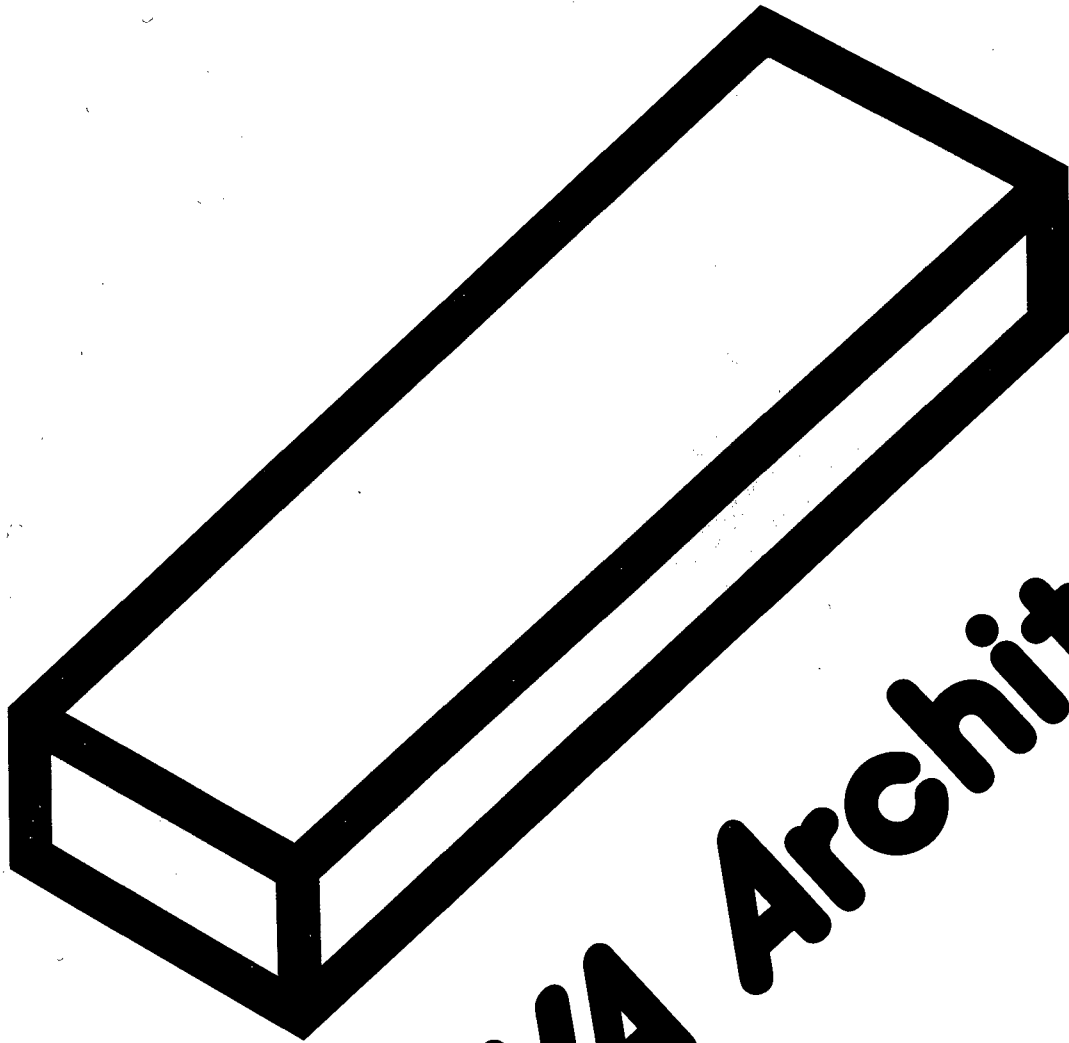
T SPOON (Nina Artioli, Paola Fusco, Alessandra Glorianta, Davide Sacconi, Eliana Saracino) is a firm based in Rome since 2004 that, combining research and design practice, investigates the uncertain territories of the contemporary city, in order to define innovative transformation practices that can allow to operate in different scales and contexts through design projects, exhibitions, and editorial projects.

T SPOON operates between the intersection of three elements, city landscape and infrastructure. City is landscape, landscape is infrastructure, infrastructure is city: the circle closes up, urbanity is ready for a new level of development. Architecture becomes Environment.

The practice of our office aims to the creation of microenvironments. Learning from biology and astronomy we believe that the design process should focus on the interaction between large scale urban strategies and the fine grain multiplicity of contemporary living conditions. A microenvironment happens as a result of a complex relationships network painted on a canvas of simple strategic rules. Those rules operate at different scales and are related to different knowledge fields: from political to constructive issues, from spatial to economical devices, from social to environmental answers. We consider the design project as an open grid of possibilities that can foster mutations, transformations, re-appropriations in a continuous dialectic process between the artefact and the inhabitants.



WWA Architects is a young interdisciplinary office from Warsaw committed to create and manage ambitious projects. WWA's main interest is architecture, but it undertakes activities ranging from graphics and clothing design to furniture, interiors, houses and public buildings. The office has been officially registered since 2006. Architects Marcin Mostafa and Natalia Paszkowska are founding partners of WWA.



**WWA Architects**

402 CULTURAL CENTER IN WARSAW KADR

410 CULTURAL CENTER IN WARSAW SDK