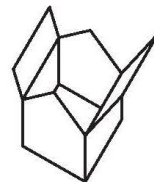




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PROGRAMMA DI COOPERAZIONE ITALIA – HONG KONG
MEMORANDUM OF UNDERSTANDING DEL 15.04.2015

DESIGN IDEAS COMPETITION

ITA>HK - L'ITALIA AD ORIENTE

ARCHITETTURA ITALIANA AD HONG KONG

Organizers:

COLLEGE OF ARCHITECTS of Napoli.

Cultural Association LOA, Laboratorio Oltre l'Architettura



Ideation and General Coordination:

Giovanni Aurino

Francesco Rossini

Architects Coordination:

Raffaele Nappo

Brigida De Somma



School of Architecture
THE CHINESE UNIVERSITY OF HONG KONG

in Partnership with:

National Council of Architects

American Institute of Architects Hong Kong – AIA Hong Kong

School of Architecture, The Chinese University of Hong Kong (CUHK)

1



with patronage of:

Italian General Consulate of Hong Kong and Macao

Italian Cultural Institute of Hong Kong and Macao

Hong Kong Institute of Urban Design - HKIUD

INARCH Italian Institute of Architecture

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Special thanks to Francesco Camillo Giorgino, MILLO <http://www.millo.biz/>

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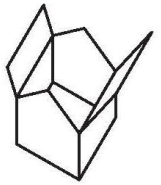


MILANO 2015

NUTRIRE IL PIANETA
ENERGIA PER LA VITA



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CALL FOR PROPOSALS – DESIGN IDEAS COMPETITION

Foreword

The objective of the competition ITA>HK - L'ITALIA AD ORIENTE is to promote contemporary Italian architecture abroad, and as such, foster networking opportunities among participants and international institutions.

Art. 1 – Aim of the Competition

The design competition ITA>HK - L'ITALIA AD ORIENTE has been announced by the PPC Professional Association of Architects (Ordine degli Architetti PPC) of Naples Province and the L.O.A. *Laboratorio Oltre l'Architettura* Association, in partnership with Archilovers, and in collaboration with the School of Architecture of the **Chinese University of Hong Kong (CUHK)**. The competition was created in fulfillment of the Memorandum of understanding signed on 15 April 2015 by the American Institute of Architects of Hong Kong – AIA Hong Kong – and the College of Architects of Naples (Ordine degli Architetti PPC), and authorized by the National Board of Architects, which represents architects in Italy.

ITA>HK - L'ITALIA AD ORIENTE is to be presented in a single stage in open form. The subject is the creation of a new mixed-use development project in the Sha Tin area in Kowloon, located in Northern Hong Kong.

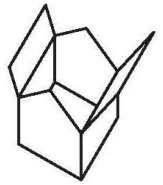
- The master plan must embody the theme of the 2015 Milan World Expo, “Feeding the Planet, Energy for Life”, thus it should propose sustainable planning ideas apt for a new city of the 21st century
- Architects must offer an in-depth project analysis geared towards the creation of new, mixed-use development projects
- Seeing as this project offers Italian architects the possibility of immersing themselves in an issue of great contemporary importance in the context of one of the capitals of global economic growth, it must be able to transmit the concepts of Italian architecture and culture in the East, and attest the knowledge and skills of Italian architects in the sphere of urban architectural planning

2

Art. 2 – Project Area

The project area is in Ma Liu Shui in the northern part of Sha Tin near the Chinese University of Hong Kong. The site is characterized by a highly developed infrastructure network (highway, railway) that actually separates this strip of land from the rest of the territory, making access to the coastline somewhat difficult.

A large part of the project area is occupied by a sewage treatment facility. Sha Tin Sewage Treatment Works (STSTW) serves Sha Tin, Ma On Shan and the villages nearby, and is the largest secondary sewage treatment plant in Hong Kong. It occupies 28 hectares of land and serves a population of about 630,000 in Sha Tin and Ma On Shan Districts, which produce approximately 250,000 m³ of sewage per day.



In order to support Hong Kong's sustainable development, the Government is actively exploring innovative approaches to utilizing existing land resources.¹ From a geological perspective, according to findings of a study entitled "Enhanced Use of Underground Space in Hong Kong" carried out by the Civil Engineering and Development Department in March 2011, Hong Kong's rock caverns are particularly suitable for development and use. The report recommended that a feasibility study be carried out on the relocation of the Sha Tin Sewage Treatment Works (STSTW) to the caverns, with the intention of freeing up the existing site (about 28 hectares) for other more beneficial uses. The relocation site proposed is Nui Po Shan of A Kung Kok.² Completion of the relocation project is expected around 2027.

The Ma Liu Shui area was selected, along with an additional four other sites, as a potential spot for coastal land reclamation and extension. Of the five pre-selected areas, Ma Liu Shui was subject to the strongest opposition during public consultations in the second round of the strategic land recovery project. Of chief concern were the possible negative impacts on public services, increased traffic, as well as effects on the coastal landscape and marine life.³ As a result, architects must pay particular attention to the vulnerabilities highlighted by such criticism.

Art. 3 Master Plan Requirements

Following the relocation of the STSTW, the resulting area should be planned as a new sustainable district. The projects should expand upon the original ideas of Sha Tin New Town, exploring how a new, sustainable 21st century city should be planned. Of utmost importance in this context is a radical reconsideration of urban infrastructure in the city, and alternative solutions for land reclamation and design approaches for healthy living.

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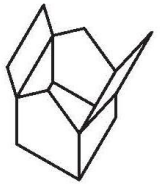
a) Mixed-Use Approach

The master plan will be developed from an architectural approach focusing on mixed-use structures with a wide range of functions, including public institutions, innovative housing, commerce, and leisure facilities, in harmony with the existing natural environment, and oriented towards sustainability and the future. A sustainable city is healthy for its inhabitants and respectful of natural resources. Sustainability's guiding principles address direct environmental impacts of resource use and the indirect environmental benefits that come from creating a city that encourages social vibrancy and connectivity, embraces local and regional culture, and generates economic activity.

¹ http://www.ststwincaverns.hk/page.php?l=study_landuse&p=3&lang=en

² http://www.ststwincaverns.hk/page.php?l=study_landuse&p=3&lang=en

³ <http://www.scmp.com/news/hong-kong/article/1408102/report-reveals-publics-rejection-government-plans-land-reclamation>



b) Public Space Strategy

One of the main purposes of the master plan is to develop principles for the creation of high-quality streets, as well as set out a strategy for the provision of public spaces. Cities are fundamentally about people, and where these people go and meet is at the core of what makes a city work. Attractive and well-designed landscapes and open spaces encourage social interaction, improve ecological biodiversity and air quality, and add amenity-rich value. When quality landscaped and open spaces are conceived as part of a development's connectivity network, they encourage the safe use of alternative transportation such as cycling and walking.

c) New Waterfront

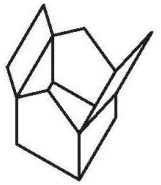
Among the objectives of the project is the revitalisation of the waterfront. The coastline must play an integral role in the development of the district, creating a new urbanity to facilitate cultural activities for citizens and tourists. In order to make the most of the waterfront's potential, the connection between the Hong Kong Science and Technology Park, the Chinese University of Hong Kong campus and the Sha Tin Racecourse must be strengthened, and visual contact with the water ensured from both new and existing buildings and future activities. The special location of waterfront areas should be emphasized, coming to life in public spaces. The waterfront should be a place where people can meet informally, assuming an important role in terms of leisure activities.

d) Urban Mobility

The objective is to create a new neighborhood that encourages modes of sustainable transport such as walking and cycling. Soft infrastructure design considerations, open space allowances, bike paths, and public access to all streets, sidewalks, green spaces, and wildlife habitat conservation zones, impact the viability of an area. The network should be attractive and enable the urban spaces to be experienced. The feeling of public safety is critical for the identification and integration of its residents, and the design of public spaces plays a significant role in this. The question of how to connect the new district with the existing infrastructure network and functions is of vital importance.

e) Social Life

The master plan should be geared towards attracting new user groups such as families, single parents, young people, students, workers, senior citizens, and persons with limited resources through the construction of varied residential units. The structure of these spaces should facilitate the integration of diverse social groups in order to encourage the development of multicultural communities. The question of distance and proximity and the resulting density must also be examined. Living and working spaces must also coexist simultaneously. The new district should integrate the cultural and social functions of Sha Tin Area, and at the same time generate a high-quality working environment in order to attract different users and win over companies for this location.



f) Sustainable Environment

The project must take environmental sustainability into account, offering innovative solutions that synchronise the natural environment with artificial systems and technological solutions, in order to improve buildings' energy efficiency. Carbon-neutral homes, the use of environmentally-friendly materials, passive design techniques and efficient facades, as well as rooftop gardens, solar panels, wind turbines and drainage systems must be provided for within the project strategy. The development will include an onsite biomass CHP plant, strategically placed reed beds, a drainage system and shops for farmers to sell their goods. The objective is to give the area within the city a special character, aimed at harmonising the natural environment and urban developments, with focal points for relaxation and leisure, as well as agriculture and reserves for flora and fauna. Great importance is attached to the integration of landscaped spaces, footpaths and bike paths into the hierarchy of open spaces. A further link is to be provided via pedestrian and cycling bridges to the west and east.

This project demands a creative approach in order to develop the area into an attractive, mixed-use residential district, comprising high-density residential establishments as well as a sustainable and ecological orientation of the planning area.

Project Data:

Area:	Approximately 100 hectares (57 from existing territory + up to 45 from Ma Liu Shui reclamation)	5 <hr/>
Expected population:	25,000 people	
Housing units:	10.000 (average of 2.5 people per unit)	
Use:	60h Road system, green spaces, facilities 40h* residential, commercial, office	
Plot ratio:	3.5 (average)**	
Maximum height:	150m	

***400,000 m² x 3.5 (Floor Area Ratio - FAR) = 1,400,000 m² of building construction**

****Value is variable and can assume a maximum of 5 in some areas and a minimum of 3 in others**

For example:

Considering 1400,000 m² of construction, one can estimate 770,000m² for residential use and the rest for offices buildings and commerce

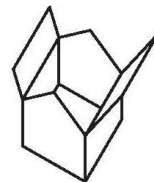
- 770,000 m² of residences, 770,000/10,000 housing units = 77m² (Gross Floor Area - GFA) average

77m² x .078 = 60m² (Usable Floor Area - UFA)

-630,000 m² commercial/offices



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Art. 4 - Eligibility

The competition is open to Italian architects registered in their respective provincial Professional Associations. Participation is allowed either alone or in groups; in the latter case inclusion within the group of an architect from Hong Kong is permitted, although only for those who register by 27 July 2015 (early bird enrollment). The American Institute of Architects Hong Kong (AIA HK) and the Hong Kong Institute of Urban Design (HKIUD) will provide a list of architects from Hong Kong who are available to participate in the competition. *

Given the complexity of the theme and the peculiarity of Hong Kong's urban characteristics, collaboration with local architects and urban planners is highly recommended. Although it is possible to form mixed project groups, the group leader must be an architect registered in an Italian Professional Association.

In order to access the names and contact details of available Hong Kong architects you must register for the competition online at <http://www.na.archiworld.it/> and afterward send an email request with the registration code to associazioneloa@gmail.com (subject "HONG KONG ARCHITECT REQUEST ") no later than 10 a.m. CEST (Central European Summer Time) on 27 July 2015.

*The designation of the architect, registered in the Hong Kong Professional Association, is guaranteed while there remain architects available on the lists provided.

6

Art. 5 - Registration

For early bird enrollment participants may register from 10 a.m. on 30 June until 10 a.m. on 27 July 2015 CEST, or for late enrollment until 10 a.m. CEST on 1 September 2015. Architects working alone or group leaders must register by filling out the online form found on the website of the Naples Professional Association of Architects, <http://www.na.archiworld.it>. Once participants have finalized enrollment an email confirmation containing a registration code will automatically be sent. This code allows participants to download competition materials, make a collaboration request to work with Hong Kong architects, and submit the project via the submittal tool found at www.archilovers.com/contests/itahk.

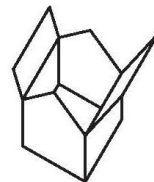
Art. 6 – Competition Materials

Access to competition materials will be available for download from the ARCHILOVERS website (under "contests") once enrollment at <http://www.na.archiworld.it> has been completed.

- Site Plan DWG
- Aerial photos of the project site
- Presentation of the competition area



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- Panel layout in PDF format
- Group project form

Art. 7 – Access to Required Materials and Submission

The submittal tool on the competition website www.archilovers.com/contests/itahk will be active from 10 a.m. on **30 June 2015** until 10 a.m. on 30 September 2015 CEST, the final submission deadline in order to participate in the competition.

Submittal of the following documents is expected:

- 10 images of the project
- Project description
- 3 A1 size panels in horizontal layout
- Group project form

The following can be uploaded from the www.archilovers.com/contests/itahk website: project form with the 10 jpg images of the project idea (min. 2000x1500 pixels, max. 2 MB each, of which drawings can be included), project description in Italian AND English (max. 3000 characters each description, spaces included), and, as an attachment to the project form, three 3 A1 size panels in horizontal layout in PDF format. Within the three panels, the general concept, the project proposal to scale (1:4000), layout plans, sections and elevations and a detailed design of the master plan in 1:1000 scale must be inserted.

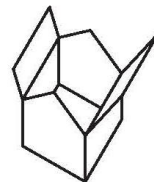
In addition, a detailed project design in architectural scale (1:500/1:200), focused on the creation of a new type of mixed-use development, as well as an explanatory description of the project proposal in Italian and English (abovementioned text) are also requested. The images and text must clearly describe the concept, strategy, design and technology necessary for the comprehension of the proposals.

Considering the fact that participants are given a fair amount of time to realise the abovementioned steps as well as adhere to technological parameters, the organizers refuse any responsibility for faulty access to the online system and/or for the unsuccessful online completion of the necessary procedures within the established timeframe. This includes whether or not said problems stem from technical difficulties that may occur on behalf of participants or the system, including those beyond organisers' control, which include but are not limited to the following: problems connecting to the online system due to either participants' insufficient or inappropriate usage; high web traffic; disasters deriving from either natural or manmade causes which can interfere with management of network infrastructures.

Candidates that submit documents or materials that vary from those specified, in quantities that differ from those mentioned in the competition announcement, or who fail to submit said documents within the established timeframe will not be considered for the awarding of the bid.



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For submittal of the images, description and three tables in PDF, the following web browsers may be used: Mozilla Firefox (version 12.0 or later), Internet Explorer (version 8.0 or later), Safari (version 4.0 or later) or Chrome (version 12.0 or later).

Art. 8 – International Panel of Judges

The international panel of judges will be made up of eight members, four of whom are Italian architects. Members have been selected based on their expertise in the sector, and represent the Institutions and Professional Associations involved.

Prof. Arch. Nelson Chen

Director of the School of Architecture at Chinese University of Hong Kong

Dott.ssa Sujata Govada

Presidente dell'American Institute of Architects Hong Kong - AIA HK

Dr. Peter Cookson Smith

Director of the Hong Kong Institute of Urban Design – HKIUD

Prof. Estanislao Roca Blanch

Chairman, Department of City Planning at the Polytechnic University of Catalonia – UPC Barcelona

Prof. Arch. Salvatore Visone

Director of the Professional Association of Architects of Naples Province

Arch. Nicola Podestà

Director of the Foreign Affairs Department of the National Board of Architects

Arch. Giuseppe Cappochin

President of the Association of Architects of Padua and of the Barbara Cappochin Foundation; coordinator of the Barbara Cappochin International Architecture Prize, and of numerous international conferences

Prof. Arch. Marco Imperadori

Professor at the Polytechnic University of Milan and Deputy Rector for the Far East; specialized in research activities focusing on building innovation and sustainability. Is presently the head of the Polytechnic University's unit involved in European research of Smart-Eco buildings.

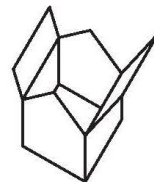
Art.9 - valutazione delle proposte

Each member of the eight-person panel will assign up to a maximum score of 30 (with a maximum cumulative score of 240 points) according to the following five criteria:

- 1) Project quality and proposal strategy – **maximum 10 points**
- 2) Integration of the project into the urban system, relation between buildings and public spaces – **maximum 5 points**



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- 3) Conformity of the proposal to the requisites stipulated in Article 3 of this announcement – **maximum 5 points**
- 4) Aspects of innovation of the project, materials and technology, functional solutions – **maximum 5 points**
- 5) Environmental sustainability and energy efficiency of the development – **maximum 5 points**

Competition organisers will sum up the scores assigned by each judge and compile a ranking accordingly. In the case of a tie scores will be recalculated, but only according to the scores assigned by the four foreign judges. The ranking will be published along with the points awarded and the calculation of scores. Participation in the competition entails implicit and irrevocable agreement with the ranking and evaluation as determined by the panel.

Art.10 - Criteria for Evaluation of the Proposals

Based on the ranking compiled according to Article 9, the following prizes will be awarded:

- 1st Place: Prize of €4,000.00
- 2nd Place: Prize of €2,000.00
- 3rd Place: Prize of €1,000.00
- 4th, 5th, and 6th Place: Honourable Mention
- 7th, 8th, 9th, and 10th Place: Selected for Recognition

There will also be a **special prize reserved for Neapolitan architects**, which will be awarded to a group with its leader registered in the PPC Professional Association of Architects of the Province of Naples, to be chosen by the four Italian judges. A €1,000.00 prize will be awarded.

9

Winning projects (from 1st to 10th place) will be presented in October in Milan in conjunction with the 2015 World Expo as well as shown in the exhibition “ITA>HK - L'ITALIA AD ORIENTE” which will take place in November 2015 at the Chinese University of Hong Kong – CUHK.

The first-place winner will also be awarded roundtrip airfare for two from Italy to Hong Kong for participation in the awards ceremony and the project exhibition.

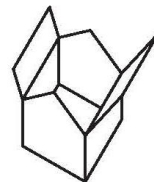
Art.11 - Ineligibility

The following are excluded from participation in the competition:

- Permanent and substitute members of the panel of judges, their spouses, relatives and kin up to the third degree
- Employers of the panel of judges or those with whom an employment relationship or ongoing collaboration exists



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- Council members of the PPC Professional Association of Architects of Naples and members of the National Board of Architects, Planners, Landscapers and Conservators

Art.12 - FAQ

All queries and requests for further information must be sent via email to the administration at **associazioneloa@gmail.com** by 30 July 2015. Queries received thereafter will not be considered. The administration will publish a summary of questions and responses at the official website www.archilovers.com/contests/itahk.

Art.13 – General Information

Members of the group chosen to participate in the event in Hong Kong must be in possession of a valid passport in order to receive airline tickets.

Official information regarding the competition can be found at the following websites:

www.na.archiworld.it

www.associazioneloa.org

www.archilovers.com/contests/itahk

and on the L.O.A. official facebook page at <https://www.facebook.com/LoaLaboratorioOltreLArchitettura>

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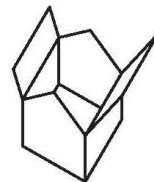
The L.O.A. reserves the right to make changes to the dates or other organizational aspects as they may arise in order to facilitate implementation of the competition, providing due notice in a reasonable amount of time. The L.O.A. is not responsible for any contingent defects, technical difficulties or faulty reception of materials. Early submittal by participants is strongly recommended in order to avoid any last-minute problems due to elevated user traffic.

Art. 14 - Participant Duties & Responsibilities

Participation in the proposal implies irrevocable acceptance of all norms stipulated in the present announcement. Failure to comply with the abovementioned will entail automatic exclusion from the competition. By participating in the proposal contestants hereby authorise the distribution and usage of materials presented for their possible exhibition and/or publication by the Professional Association of Architects of Naples, the Hong Kong institutes, and the L.O.A. Association. The intellectual property rights of the project proposals will remain in the hands of the original authors.



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Art.15 - Conditions and Consent to the Use of Personal Data

In accordance with the legislation of 30 June 2003 no. 196 and successive modifications and amendments to such, the processing of personal data will be handled whenever necessary in order to achieve the abovementioned objectives.

Art. 16 – Competition Calendar

The following is a list of the competition deadlines:

Publication of the competition and open enrollment:	30 June 2015
Final deadline for early bird enrollment:	27 July 2015
Final deadline for submission of queries and clarification requests:	30 July 2015
Final deadline for late enrollment:	1 September 2015
Final deadline for submission of materials	30 September 2015
Final decision taken by panel and announcement of winners:	15 October 2015
Awards ceremony in Milan and presentation of winning projects	October 2015
Awards ceremony and inauguration of exhibition of winning projects at CUHK	November 2015

CREDITS

Ideation and General Coordination

Arch. Giovanni Aurino

Prof. Arch. Francesco Rossini

Architects Coordination

Arch. Raffaele Nappo

Arch. Brigida De Somma

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Arch. Giovanna Santoro (Hong Kong)

Media Partner: Archilovers

In Partnership with: the school of Architecture, the Chinese University of Hong Kong and AIA Hong Kong

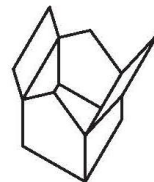
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