

**ANNOUNCEMENT OF A DESIGN COMPETITION FOR STUDENTS AND NEW GRADUATES
OF ARCHITECTURE AND ENGINEERING PROGRAMMES**

Instant HOUSE

TEMPORARY HOUSING UNITS
FOR EXPO 2015' S YOUNG GUESTS

ITEM I DEFINITION OF THE COMPETITION

1. Foreword

On the occasion of MADEexpo 2010 (Milano Architettura Design Edilizia), the tradefair event which will take place between 3rd and 6th February 2010 at the Fieramilano exhibition centre in Rho, FederlegnoArredo srl intends to promote a competition aimed at selecting projects which highlight architecture which is sensitive to the environment and territory, to sustainability and the need for human wellbeing and quality of life.

A 1:1 scale prototype will be made of the winning project, to be displayed at the international MADE EXPO 2010 event.

The competition is aimed at students and new graduates from the faculties of architecture, engineering and industrial design (Italian and foreign), in possession of the requirements referred to in this announcement.

2. Promoter

The competition is a FederlegnoArredo srl initiative for MADEexpo, in collaboration with the Politecnico di Milano.

3. Theme and specific objectives of the competition

Environment and soundscape of contemporary metropolises.

One of the most significant aspects of new urban settlements is the congestion which originates from the necessary cohabitation of functions which are often in conflict with each other.

In particular, in the Milan metropolis, the need to introduce infrastructural systems into a highly anthropised territory requires us to rethink not only the technical and morphological properties of the networks, but above all the ways of designing existing and future life in relation to the possibility of living side by side with the constant noise pollution and harmful CO2 emissions.

The environment becomes one of the fundamental paradigms for the formulation of new residential hypotheses which originate from a more structural relationship with the context in which, on the protective green belt, a landscape is created in which to live (in the widest sense). Nature and topography try out new urban possibilities in contexts which are today considered marginal and extreme.

The theme is that of the instant house, A TEMPORARY RESIDENTIAL MINI-UNIT linked to the presence of young people with high levels of territorial mobility connected to particular metropolitan events.

The project envisages the search for locations in the vicinity of important infrastructure systems (bypasses, motorways, airports, railways and new routes etc.) in which to locate groups or individual elements of temporary residential units and their services.

The response to noise and atmospheric pollution will give shape to new settlements, not only through the correct application of new technologies but also through the shape and position of the manufactured articles, the use of open space and the relationship with the landscape and the infrastructure. The new material must also contribute to an experimental strategy

which may be a sequence of elements which come one after the other along the infrastructural system.

A metropolitan-scale network naturally passes through a morphological and functional complexity of spaces and situations which present a variety of themes which can be categorised according to the various reactions to the context.

Western culture has mainly focused its attention on the visual aspects of perception, neglecting other sensory aspects which, over time, have been stripped of their significance. The project is aimed at rediscovering space, shapes and material incorporated into a sensory whole, in which sounds, smells, surfaces, climate, lights and tastes come together and interact between space and human sensations.

The sensory properties of the spaces designed must relate to the natural properties of the location and the cultural sensitivity of humans who modify physical facts into abstract principles and emotions. Through an "ecology of sensitivity", the space of the living unit becomes a place of wellbeing, welcome and relax for those participating in/visiting the event.

The object of the competition is a single residential unit, with the requirement of modularity, which meets the needs of temporary housing for young people, also guests in the city of for the Expo 2015. The context of the city represents the design theme: the unit is to be inserted in an urban space, at a location identified by the competition entrants for its environmental and accessibility requirements and its relationship with the surrounding area.

The projects, for example, may re-use the existing building structure. Working with the infrastructure and infrastructural junctions, they can build an actual new settlement.

The residential unit must have all the appropriate equipment, using existing systems and structures or, if these do not exist, newly-designed ones integrated into the modular conception of the autonomous project or connected to the urban technological networks. The competition requires research into and experimentation with innovative materials which are compatible with the environment and stimulating as regards sensorial perception.

Program

4 . General project information

Design proposal requirements:

- choice and definition of the physical properties of the locations
- residential units for 2-4 people (30m²- 60m²) + common services (at least 10 m² for each guest)
- different combinations and unions
- definition of the materials and technology used

The residential unit will be built using materials which take into account the temporary nature and specific technological and ecological specifications of the building itself. The units will be conceived as modules of different sizes: for 2 or 4 people. The chosen location for the project must be a place within the Lombardy metropolitan territory connected with the Expo area and with the collective transportation already in place or envisaged for 2015 and will be closely linked to and coherent with the themes which the entrant intends to develop.

The surface area may be single or divided into several environments. The design must be represented with sufficient structural diagrams and details in order to allow its quality and feasibility to be fully evaluated.

5. Conditions of participation

Participation in the competition is free and open to all young people, both Italian and foreign, who, on 31st January 2010 are enrolled in the faculties of architecture, engineering or industrial design (in the two years of the specialist degree) or who graduated after 31st January 2005. Entrants may participate individually or in temporary groups. Entrants participating as part of a group must nominate a group leader to represent the group with the promoter organisation. All members of the group must nevertheless meet the aforementioned requirements.

6. Grounds for exclusion from and incompatibility with participation

Failure to comply with the rules contained in this announcement represents grounds for exclusion. The following categories are ineligible to participate:

- the competition arbiter or members of the Organising Committee;
- members of the judging panel;
- spouses, blood relatives or relatives by marriage up to and including the third degree of members of the aforementioned categories;
- employees and collaborators of members of the judging panel, in addition to collaborators of members of the promoter organisation;
- persons who have participated in the creation of this competition;
- persons who, at the date of publication of this announcement, have coordinated and continuous working relationships with the promoter organisation.

7. Documentation and background material

The announcement and supporting documentation may be downloaded from www.federlegno.it/made. The presentation of the documentation within the established deadlines using the methods shown in this announcement constitutes a request for participation in the competition. The aforementioned information constitutes the sole, exhaustive background material made available for the elaboration of the design idea. No further information will be provided. Entrants are forbidden from contacting members of the judging panel, under penalty of exclusion from the competition.

8. Head of the procedure and Organising Committee

The head of the competition procedure is: Franco Amadei, (franco.amadei@federlegno.it).
Operating Secretary: Francesco Persichetti (area.studi2@federlegno.it)

9. Enrolment, documents required and their submission

Enrolment in the competition takes place at the same time as submission of the required materials. Participants must deliver the following documents by hand, post, registered mail or carrier (the postmark will certify date of posting) following the established procedure, in a single, sealed envelope:

- the designated form giving the personal details of the participant present on www.federlegno.it/made, in a separate, sealed, opaque envelope, without markings;
- an A5 format bound book, less than 1 cm thick, containing a text of at least 3000 keystrokes, images, drawings and diagrams useful for understanding the project strategy and any particular cases in which the designed house may be used in a particular way, the material and the technical and constructive solutions adopted and also the photos of the model with a 1:20 scale (which must be delivered, at the entrants' expense, only in the case of a prize-winning project to be exhibited);
- graphic documentation in the form of four A3 format horizontal tables containing plans, cross-sections, elevations; technical details indicating the materials, assembly and modularity systems. Internal and external 3D views and photo insertions in the chosen location;
- a CD containing the original table in PDF format and in lightweight JPG format; the PDF format file of the book.

Participants are free to choose the graphic representation techniques. No enrolments and delivery of documentation in other formats are allowed. The project documentation required must be absolutely anonymous in all its parts, both evident and hidden, under penalty of exclusion, and must conform closely to the detailed operating technical specifications relative to its format and size. The competition committee will allocate an unambiguous, random, alphanumeric code to each set of project documentation, and this will be the official name of the documentation itself during consultation by the judging panel. The judging panel and the organising committee will implement all the procedures necessary in order to ensure the competing proposal remain anonymous, keeping a database with the correspondence between the entrants and the alphanumeric codes assigned to the relative documentation until the end of consultation by the judging panel. The official language of the competition is Italian. For non-Italian entrants, the alternative language is English.

10. Competition structure

Each entrant submits their own project documentation using the methods and by the deadlines described above, Participation takes place anonymously. Under no circumstance can entrants violate anonymity using symbols, signs or other distinctive elements, under penalty of exclusion. Entrants must enrol in the competition and submit the required documentation no later than 12.00 on 25 November 2009, to: FederlegnoArredo Srl, Foro Buonaparte 65, 20121 Milan, marked "Concorso INSTANTHOUSE".

ITEM II CONSULTATION BY THE JUDGING PANEL AND RESULT OF THE COMPETITION

11. Composition of the judging panel

The judging panel will be composed of:

- two representatives from the Politecnico di Milano;
- two representatives from FederlegnoArredo/MADE expo;
- one representative from the Triennale di Milano

12. Result of the competition and prizes

The competition will come to an end with a classification in order of merit, with the awarding of the following prizes (recognised as reimbursement for expenses):

- prize for the winning project: € 1500.00 (one thousand five hundred/00) and creation of the work. The promoter organisation reserves the right to make variations necessary for the feasibility of the work in the operational phase;

- second prize: € 1000.00 (one thousand/00);
- third prize: € 750.00 (seven hundred and fifty/00);

The judging panel reserves the right to award further honourable mentions for deserving projects.

13. Publication of the announcement

The announcement will be published on the internet at www.federlegno.it/made and publicised at the same time on sector sites or sites specialised in international competitions such as:

- www.madeexpo.it
- www.awn.it
- www.europaconcorsi.com
- www.professionearchitetto.it
- http://.architettura.supereva.com
- www.consultalombardia.archiworld.it
- www.abitare.it
- www.domusweb.it
- www.area-arch.it
- www.newitalianblood.com

14. Information about the processing of personal data (privacy)

Pursuant to article 13 of the Italian Legislative Decree 196/03, with regard to the procedure introduced by this announcement, we hereby inform you that the data required will be processed in accordance with the principles of correctness, transparency and good faith and exclusively for the following purposes:

- administrative management of the competition, formation of the classifications;
- allocation of the prizes awarded;
- activities inherent to the competition itself, such as evaluating the approval of the initiative;
- promotional activity related to the competition itself, for example publishing the name of the winners, press releases etc.;
- promotional activity related to events (conventions, seminars, exhibitions etc.), even after the competition. The only consequence of data not being provided is exclusion from participation in the competition. The data provided will be processed by employees from the FederlegnoArredo Group, Politecnico di Milano, by officers from organisations checking the legitimacy of the competition. The participants' data may be made public during events connected with the competition in the press or on the radio, television or internet. The processing owners are the aforementioned promoter organisations. The processing controller is shown in article 8 and may be contacted to request the deletion, correction and updating of personal data and to exercise all other rights guaranteed in accordance with article 7 of the Italian Legislative Decree 196/03.

15. Copyright and ownership of the designs

The competition does not envisage the awarding of professional engagements. No request may therefore be made by the originators in regard to alleged rights, while intellectual ownership remains theirs. Ownership of the prize-winning, selected designs is acquired by FederlegnoArredo Srl.

16. Acceptance of the competition clauses

Entrants are obliged not to publish or make their designs known in any way before the judging committee has expressed and made public its judgement, under penalty of exclusion from the competition. Participation in the competition implies that the entrant unconditionally accepts all the rules related to this announcement. For anything not envisaged, the laws and customs recognised in the national field apply. For any disputes not resolved amicably, the exclusive competent court is the Court of Milan.