



LAD PROJECT for **WonderLAD**

Architecture meets Charity
International Competition for the best idea

Call for entries

LAD (which is acronym for L'Albero Dei Desideri, that means The Wishing Tree), is an NPO (Non Profit Organization) whose mission is "Cure & Care in Pediatrics".

LAD does believe that architecture would play an essential role within the holistic approach to treatment of the disease. Quality and beauty of rooms can deeply affect young patients' mood and therefore contribute to regain high quality of life, especially during long term hospitalization. In order to achieve its mission, in 2011 LAD ONLUS launched LAD PROJECT, a format in which *Architecture meets Charity*.

The purpose of this competition is to generate ideas for designing a new house called WonderLAD, built to welcome children with major diseases and their families.

In respect of this approach, architects, engineers and designers from all over the world are invited to participate in this architectural ideas competition with their proposals.

Fondazione Vodafone Italia and Enel Cuore Onlus have expressed their willingness to contribute to the building of the house, in order to replicate in southern Italy the experience of CasaOz built in 2010 in Turin "for children who meet the disease".

The Municipality of Catania has given license to utilize a large ground on which the house could be erected.

The structural design of the house will be sponsored by CIAM, design of systems and installations by ANCE Catania and executive design and work superintendence by STUDIO RANDAZZO in compliance with the design concept of the winning project.

Furthermore, the construction of the house, always respecting the winner's idea, will be using products and materials sponsored or provided at cost from companies that will support WONDERLAD.

All detailed information about LAD PROJECT for WonderLAD are provided to participants in the official web site www.wonderlad.org. The competition is organized as a "Competition of Ideas" in accordance with "UIA – UNESCO Regulations for International Architecture and Town Planning Competitions".

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ATTACHMENTS

1. Cadastral certificates & plans
2. Topography
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Art. 1 - Subject of the Competition

LAD (Cure & Care in Pediatrics) in association with ANCE (Italian Association of Builders) of Catania announces a competition of ideas for the drawing up of design concepts for a residential and care home to welcome children suffering from serious diseases and their families, following the model of “CasaOz” in Turin ([Link](#)). The Competition is related to the format called LAD PROJECT whose mission is to promote architecture and beauty of buildings dedicated to children affected by major diseases.

Art. 2 - Location

The house will arise on a ground of 12.000 Sqm. next to the "Due Obelischi Parking Area".
For Land Registry papers see Annex N.1.

Art. 3 - Mission of the Competition

WonderLAD will be a cozy place where children affected by major illnesses and their families can feel at home.

Planning proposals would refer and reinterpret the practical solutions already adopted by [CasaOz](#) in Turin. Distribution and organization of the indoor and outdoor areas would guarantee the following operations, and possibly propose some other functions:

a) House:

- Entrance
- Reception
- Offices
- Autonomy room
- Nursery
- Laundry
- Kitchen and larder
- Living/dining room

- Sitting room
- Laboratory/play room
- Studying room
- Library
- Soft room
- Meeting room
- Rest room
- N° 6 residences (possibly expandable).

b) Multipurpose Area dedicated to the performance of various activities and to events (possibly also providing room for the installation of a telescopic grandstand).

c) Outdoor areas:

- Parking
- Recreational activities area
- Recreational activities in protected environment
- Relax area
- Green areas
- Green shielding
- Orchard
- Sunroom
- Summer camp

The house would be designed considering the following requirements:

Guaranteeing the adequate room to satisfy the needs of its guests, according to the above listed functional specifications and providing not less than 2500 m³ for the areas as per point a) and not less than 1000 m³ for the areas as per point b).

It would be designed in order to be a self-sufficient home (off-the grid) in order to minimize its ecological impact.

The house must have no more than 2 levels, entirely developed above ground and must not have basement.

House must be at least 10 meters from the boundaries.

The Structure of the house must be designed in **micro-laminated beech wood panels**. The choice of this material is due to its characteristics of being an environmentally friendly and anti-seismic material. Furthermore, the above material is very useful as it allows a considerable rapidity of execution as it is expected to have very tight deadlines for completion of works. For any question about structures you can contact CIAM technical director Mrs. Giulia Mucciarelli, phone +39.0171.380424, e.mail giulia.mucciarelli@gmail.com. Participants could consider, if they want, not to cover wood panels inside the house and having electrical and other installations external to walls.

This solution is desirable because it allows to:

- enhance the aesthetics of beech wood;
- limit costs and weights resulting from a further internal wall;
- make plants more independent from structure allowing a greater flexibility, and if necessary, an easier re-editing without affecting walls.

Internal and external lighting must be designed with products from catalogues of **LineaLight (Link)** which is sponsor of WONDERLAD.

Outdoor areas have to be split in two different parts:

- An inner protected part, where young guests should have enough room for the performance of recreational activities and enjoyment.
- An outer part conceived as a connection element with the town, but still equipped with a gate that allows the closure during night hours for safety reasons.

The building should be designed in order to match high energy and an excellent environmental sustainability. The goal will be to reach class A or higher, submitting the building to official certification process of CasaClima of Bolzano, which is partner of WONDERLAD.

This is fundamental in order to reach the target of Nearly Zero Energy Building (NZEB) as per directive 2010/31/UE.

For this reason it will be useful to follow technical specification within CasaClima directives ([Technical Directive August 2011](#)) and/or Passivhaus ([KN4430 Passivhaus Designers Guide WEB.pdf](#)) or others.

Plan should contain:

A. Reduction of power requirement not to exceed 30KW/h max per square meter per year through:

- design of a compact cover;
- installation of an excellent insulation;
- maximum reduction of thermal bridges;
- guaranteed air sealing;
- ventilation losses reduction;
- passive use of solar energy;
- use of cooling passive techniques.

B. Installation of innovative and high-energy efficient systems.

C. Optimization in the production of the additional energetic requirement by means of renewable energetic sources, at low cost, locally available and not polluting.

D. A high level of indoor comfort will have to be achieved through the control of following parameters:

- Indoor Air Quality (IAQ) - limiting pollutant sources and through natural ventilation and mechanically controlled ventilation.
- Internal microclimate and thermal comfort.
- Quality and depth of natural and artificial lighting.
- Acoustic comfort.

Furthermore planned proposals would guarantee that the metric estimate related to the building works (excluding furniture and lighting fixtures) provided in the plan, envisage a total cost not exceeding € 1.000.000 (one million €).

Art. 4 - Eligibility

- Professionals can participate individually or in group.
- Competition is open for all eligible architects and also engineers, designers, town planners, landscape architects and students provided that the team leader is an architect or an engineer.
- Participants or leaders in case of participation as a team, should be registered members of Chambers of Architects or Engineers in their own countries.

- No registration fee is required to participate in the competition.

Art. 5 - Submission of the project and anonymity

Official Competition Web Site is www.wonderlad.org. Promoters in order to allow a wide number of professionals to participate, do not require any previous registration to the competition.

Each design proposal will be delivered exclusively by mail to:

WONDERLAD, via Vagliasindi, 9 - 95126 Catania - Italy.

Participants have to send an envelope containing **other two envelopes** of any size:

A) a **project envelope**, containing all printed documents needed to describe the project:

1. Max 3 charts in A1 format, horizontal layout, folded to A4.
2. Explanatory report, max four pages A4.
3. Short economic estimate of works, max 2 pages.
4. DVD/CD containing all this documents in digital format.

Charts would provide all information and data useful to the comprehension of the plan and would be completed with scales and quota. For instance, photomontages, renderings, sketches, perspectives, isometric drawing, general and detailed black-and-white or color technical drawings, maps, perspective drawings, sections and any other useful information.

In order to guarantee anonymity, participants will chose an “identity code” that will appear on each document submitted. This alphanumeric code will be made up of 4 non-consecutive number and 4 letters. The code shall be written in bold characters inside a rectangle 1 cm high and 5 cm large with white background at the upper right corner of all submitted documents.

The technical committee will mask these identity codes with a serial number for the duration of the jury meeting.

B) a **sealed identification envelope** that will contain the identity and complete contact details of the competitors and the chosen “identity code” (the form in our web site can be used). The ‘identity envelopes will be opened and concealment will be lifted after the jury’s final evaluation/decision.

Complete documentation to be delivered to the address indicated within **h.23:00 p.m. on October 27th 2014**. All plans received after the deadline will not be considered.

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Art. 6 – Evaluation criteria

All documents received within the deadline will be evaluated by a Jury, the composition of which is detailed in the following art. 8, and according to the following criteria:

- 1) Architectural features (points: 30/100)
- 2) Technological innovation, energy saving performance and indoor comfort (points: 30/100)
- 3) Compliance to the targets of WonderLAD (points: 20/100)
- 4) Quality of the outdoor areas (points: 20/100)

Each member of the Jury will express his/her verdict according to the aforementioned criteria and will assign a maximum score of 100 points to each plan under examination. The rankings will be calculated by adding up the points attributed by each member of the Jury to each plan in competition. In the event of plans holding the same place in the competition, the Jury's President judgment will prevail.

Art. 7 - Composition of the Jury.

The Jury is nominated by LAD and it is constituted by 7 members with full voting rights.

Jury members alphabetically:

- 1) prof. Arturo Dell'Acqua Bellavitis - President of Fondazione Museo del Design at la Triennale of Milan.
- 2) Dr. Magda di Renzo - Psychotherapist Director of developmental age program at Istituto di Ortofonia - Roma
- 3) arch. Massimiliano Fuksas
- 4) prof. Davide Rampello President of Fondazione Triennale of Milan (2003-2011)
- 5) arch. Stefano Seita, designer of CasaOz
- 6) arch. Ewa Struzynska Codirector of the UIA Work Programme "Architecture & Children"
- 7) arch. Fani Vavili, President of the UIA Hellenic Section - UIA Public Health Programme

RESERVE JURY MEMBERS

1. arch. Marina Galeazzi
2. arch. Emilio Randazzo

JURY CONSULTANT MEMBERS

1. prof. Giovanna Russo - Policlinico di Catania
2. arch. Maurizio Roccella - CasaClima
3. arch. Dario Antignano - INBAR
4. Dr. Giulia Mucciarelli - CIAM
5. Dr. Cinzia Favara Scacco - LAD

RAPPORTEURS

1. avv. Gilda Bojardi - INTERNI MAGAZINE Director
2. arch. Antonio R. Rivero - UIA Vice President Region I
3. arch. Leopoldo Freyrie - CNAPPC President
4. ing. Nicola Colombrita - ANCE Catania President
5. arch. Michele Cristaudo - Federarchitetti Catania President
6. arch. Ignazio Lutri - Inarch Sicilia President

The Jury's judgment is unquestionable and incontrovertible.

Art. 8 – Tasks of the Jury

Jury will take place on Saturday and Sunday, November 8th/9th 2014 in Catania, and results will be published on the official web site at the end of voting with indication of the motivations of choice for awarded projects. The official languages for the competition are English and Italian.

Art. 9 – Result of the Competition and prizes

The winner will be announced at the end of the evaluation, publishing the final ranking on the official web site of the competition.

Afterwards, the first ten classified plans will be exhibited during an event organized by LAD and ANCE. Date and venue of the award ceremony will be advised to the first ten classified by email and will be published on the competition official web site.

Prizes will be conferred as follows:

- First prize: publication of the winning project on INTERNI MAGAZINE and prize of € 10.000. If the participant is a group, only the leader would be awarded the prize of: travel ticket and lodging at Sheraton Catania to participate to the award ceremony.

If the financial goal is reached and construction can be started, LAD would stipulate a contract with the winner of the competition with the task of drawing up the final design to be submitted to the offices of competence to obtain the change of town planning destination and the relevant building permits.

The submission of the final plan to the offices of competence must take place within 30 days from the

announcement of the winner, and at this stage LAD would award the winner an additional total amount of €5.000 including any possible withholding for tax and/or tax burden. The winner of the competition is not obliged to accept the assignment while he/she authorizes LAD to realize the building based on his / her plan idea in any case using the materials that will be sponsored for this purpose. The winner could also collaborate as consultant of the executive designer and the superintendent of the works, in order to guarantee the best compliance to the original idea. In that case he would receive an additional total amount of €5.000 including any possible withholding for tax and/or tax burden, in accordance with “UIA – UNESCO Regulations for International Architecture and Town Planning Competitions”, Article 27 (In ideas competitions the promoter, if he intends to make use of all or part of the winning or any other scheme, shall wherever possible, consider some form of collaboration with its author. The terms of collaboration must be acceptable to the latter. The regulations must, in this case, give details of the draft contract that will be proposed).

- Second prize 2.000€ and lodging at Sheraton Catania (only for the leader in case of group) to participate to the award ceremony.
- Third prize 1.000€ and lodging at Sheraton Catania (only for the leader in case of group) to participate to the award ceremony.

The Commission reserves the right to confer possible honorable mentions on other plans considered of special importance.

Art. 10 – Promoter of the Competition and Organization Office

Promoter of the Competition is LAD whose address is Via Umberto, 297 -95129 Catania Italy.

The present announcement and its attachments may be looked up and downloaded from the official web site www.wonderlad.org.

For further information regarding participation to the competition please refer by August 14, 2014 to the Organization Office: info@wonderlad.org.

Art. 11 - Warranties, copyright and intellectual rights

Participants declare and guarantee that ideas, plans and their related papers and supporting materials are of their own and exclusive ownership both in regards to the copyright and to their economic exploitation and therefore there is no third party copyright on them.

Plans must be unpublished and especially issued for the Competition. The Promoters are therefore exempted from any responsibility in case of notification regarding the intellectual property rights and originality of the Plans.

Competitors are forbidden from publishing or get someone to publish the plans (or part of them) or to disclose their content to third party during the competition and before the results are published by the Jury. Copyright of all entries belong to respective authors. However, all participants hereby accept that LAD and ANCE can use them for exhibitions, brochures and other printing materials related to the Competition.

Participating to the competition, entrants agree all the terms contained in this document.

Participants are advised to check bulletin board in the home page of the official web site for further informations from secretariat.

Catania July 14, 2014