

XXXII PLADUR® CONSTRUCTION SOLUTIONS COMPETITION

PLADUR®

They decide the place, you create the space

Digital Nomads

BACKGROUND

PLADUR® GYPSUM S.A.U., a pioneering company in the Iberian Peninsula in the manufacture of laminated plaster board construction systems, is holding its annual **Pladur®** Construction Solutions Competition for the 32nd year running.

ORGANISING BODY

The company **PLADUR® GYPSUM S.A.U.**, manufacturer of Pladur® systems, invites all architecture students who meet the following Terms and Conditions of this **Pladur®** Constructive Solutions Competition to participate in its 32nd such event.

AIM OF THE EVENT

This year's **Pladur®** Competition reflects on new ways of living and the need for architecture to adapt and provide solutions for these new demands.

Specifically, it proposes a reflection on the living/sporadic cohabitation/roaming residential space for so-called 'digital nomads', professionals who use new technologies so they can work regardless of where they are. They work remotely, allowing them to change location relatively often, benefiting from the advantages of 'knowing' thanks to personal mobility.

The aim of the current **Pladur®** Competition is to build a collective residential building for 'digital nomads'.

PARTICIPANTS AND REGISTRATION

Registration is free and participation is open to all students officially enrolled in years 1, 2, 3, 4, 5 of architecture degrees, on bachelors' thesis and on the so-called "enabling" master's degrees at all higher technical schools and architecture faculties in Spain and Portugal registered in this year's competition.

First and second-year students may only participate as part of a team in which the other members are 3rd year students or higher and may not participate individually. Only one 1st or 2nd-year student may participate per group.

It is essential for each student to first register in the REGISTRATION section of the competition microsite (www.concursopladur.com) before presenting projects for competition.

Once registered, each student will receive an email with a participation code that must be included when presenting the projects.

Everyone who registers will be given a free BIM initiation course worth €100. Once registered, they will receive an email with free access to the course.

Projects may be presented individually or as a team, with a **maximum of three representatives per team**, in which case the participation codes of all members must be provided when delivering the project.

The digital method for sending them is explained below.

*If you are a competition participant, we recommend you follow us on our social media (**Twitter** [@Concurso_Pladur](#) / **Facebook**: [Concurso de Soluciones Constructivas Pladur España](#)**) / **Instagram**: [premios_pladur](#), as they will provide full information on news, dates and deliveries.

PRIZE CATEGORIES AND MONEY

LOCAL PRIZES

The following local prizes will be awarded at each school/university.

The local awards ceremonies will be held at the school/university.

- **Local Architecture First Prize** consisting of:
 - Official diploma (for each member) and €400 (per project)
 - Invitation to and participation in the Iberian Pladur Prize
 - Networking with local winners, coordinators and jury members
 - One of the members of the local winning team will join the local jury of the university in the following year's competition (unless they are participating, in which case the place will be taken by the second-placed prize winner)
 - Publicity in digital media and press releases
 - Exhibitions of the projects at participating universities
 - Publicity on the social media and the Pladur website

If over 10 projects are presented, a first and second prize will be chosen. The 2nd prize will be €400, but the project will not pass on to the final.

- **Architecture second prize**
 - Official diploma (each member)
 - Publicity on the social media and the Pladur website
- **Local BIM prize**
 - Official diploma (each member)
 - Invitation to the awards ceremony
 - Publicity on the social media and the Pladur website

The local first prize may also compete for the local BIM.

For the jury to meet and decide on the local prizes, at least three projects must be presented at the university/school. If not, the presented projects will be sent to a committee made up of the school and **Pladur®**, who will decide whether the proposal is good enough to be the local representative in the final or should go the inter-school phase, where the jury will decide which projects should go on to the final phase, being considered as the local prize winner to all intents and purposes.

This inter-school jury will award the local prize and one or two second prizes, if the number of projects presented is more than 10 (the two first prizes and two second prizes may not be awarded to the same university).

IBERIAN PRIZES

The winners of the first local prize at each school/university will compete in the following prize categories:

- **First Prize for the Best Iberian Architecture Project** which includes the following.
 - Trophy
 - Diploma for each member of the group.
 - €6,000 per project
 - Interview, report, publicity in the media and on **Pladur®** social media
 - Invitation to join the jury for the Best Architecture Project in the 33rd competition (1 member per group)**
 - Invitation to the awards ceremony for the 33rd competition (for 2 people)*
 - Presentation of the Prize for the Best Architecture Project together with the **Pladur® Gypsum S.A.U.** CEO.

***Pladur® Gypsum S.A.U.** will cover the travel costs and 1 night in a hotel, if required.

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- **Best Construction Solution Prize** consisting of the following.
 - Trophy
 - €3,000 (per project)
 - Diploma for each member of the group.
 - Media publicity, interviews and **Pladur®** social media
 - Report in a specialist architecture media outlet
- **Iberian BIM Mention**
 - Trophy
 - €1,000 (per project)
 - Individual diploma
 - Media publicity, interviews and **Pladur®** social media
 - Report in a specialist architecture media outlet

The winning project in the Best Architecture Project category cannot compete for the Best Construction Solution prize, but it can compete for the BIM Mention, as long as it is also the local BIM prize winner.

Everyone who registers will be given a free BIM initiation course worth €100. Once registered, they will receive an email with free access to the course.

PRESENTATION REQUIREMENTS

Maximum of four panels per project.

PANEL 1

Development of the project idea. Location, orientation and relation to the surroundings.

PANEL 2

Proposed draft project. The exterior should be a basic design. Floor/s, elevations and sections that clearly characterise the work, along with infographics or images (models will not be accepted). In this case, students may choose to use two panels instead of one.

PANEL 3

Construction details of the Pladur systems (partition walls, wall linings, ceilings, etc.) which make up one of the spaces in the project (residential, coliving, coworking, services, etc.), as chosen by the students.

Arguments to support the type of Pladur board chosen to lead the project in accordance with the design requirements. The chosen boards will be part of a system and their composition must be incorporated in the plans for this panel (use our support material).

BIM PRIZE

To compete for the **Pladur®** BIM special mention, an IFC model of the project using the **Pladur®** BIM objects must also be delivered, along with the rest of the materials.

ASSESSMENT CRITERIA

Prize for the Best Architecture Project

The spatial quality of the assembly, its integration into the surroundings (environmental, visual, social, etc.), its interior/exterior relation, the

quality of the intermediate spaces, its relation to the park and the historical site as a whole.

Originality of the proposal and the architectural design, functionality and quality.

Use and implementation of Pladur systems in developing the project, which is essential for the assessment of the proposal.

Leadership proposals for the Pladur board chosen for the project.

Viability of the project for execution.

Prize for the Best Construction Solution

Assessment of Best Construction Solution Prize will focus especially on the viability of execution of the proposal and its level of definition in the detail views.

BIM mention

To compete for the BIM mention, a model of the project in IFC format, using the **Pladur®** BIM objects, must also be delivered, along with the rest of the materials. The best use of the **Pladur®** BIM objects in the development of the architectural proposal using BIM methodology will be assessed.

The projects will be assessed using the Solibri IFC model viewer. It is therefore important for all information created in native modelling software, in particular all the **Pladur®** BIM objects used, to be transferred to IFC.

Projects not in IFC format will not be assessed.

JURIES

The **Local Prize Jury** will consist of at least:

- The school director or a person delegated by the former
- A local teacher and/or architect who is not connected to coordination of the competition at the university
- BIM expert architect or teacher
- Winning student from the previous year's competition (as long as they are not competing this year)
- Two **PLADUR® GYPSUM S.A.U.** representatives, one of whom is the person responsible for the competition, who will not have a vote

- The competition coordinator/s at each university (without a vote).

The list of coordinators in the participating schools can be viewed in the competition website. The jury's decision will be final and may declare this phase partially or totally void. The local jury's decision will be laid down in minutes made publicly available once the Iberian Jury has met. At least three projects must be presented at the school/university for the jury to meet and decide on the local prize.

The **Jury for the Best Architecture Project Prize** will be made up of:

- A representative of the High Council of the Spanish Architects' Association
- A representative of the Portuguese Architects' Association (Ordem de Arquitectos de Portugal)
- Three architects with proven experience and professional worth
- Two **PLADUR® GYPSUM S.A.U.** representatives, one of whom will act as secretary, without a vote
- Two representatives of the universities, who will act as advisors, without a vote
- A representative of the prize-winning students for the Best Architectural Solution from the previous year or, in their absence, of the Installation Prize.

PLADUR® GYPSUM S.A.U reserves the right to include in the jury a representative of an official body or another type of specialist in the proposed theme, with the right to vote.

The **Jury for the Best Construction Solution Prize** will be made up of:

- Six representatives of **Pladur®** installation companies, with the right to vote
- A representative of **PLADUR® GYPSUM S.A.U** who will act as secretary, without the right to vote

The **BIM Mention Jury** will be made up of:

- Two architects, experts in BIM methodology
- An expert in BIM object development
- Technical support for viewing, without a vote
- A **PLADUR® GYPSUM S.A.U** representative, who will act as secretary, without the right to vote.

The members of each jury can be viewed beforehand on the competition website

PROJECT DESCRIPTION

The current **Pladur®** Competition reflects on new ways of living and the need for architecture to adapt and provide solutions for these new demands. Specifically, it proposes a reflection on the living/sporadic cohabitation/roaming residential space for so-called 'digital nomads', professionals who use new technologies so they can work regardless of where they are. They work remotely, allowing them to change location relatively often, benefiting from the advantages of 'knowing' thanks to personal mobility. The aim of the current **Pladur®** Competition is to build a collective residential building for 'digital nomads'.

LOCATION

The site chosen for construction is the town centre of Icod de los Vinos, a municipality on the island of Tenerife (Canary Islands, Spain), designated as a Cultural Heritage Site in 2004, in the historic site category. It is characterised by its low urban density, consisting mainly of buildings in the traditional Canary Island architectural style of the 18th century.

The plot is located at one end of the historic site to which it is well communicated, as well as to the island's main infrastructures, in an urban setting providing all necessary services. It is located within the Drago Park <https://goo.gl/maps/1TJspgzjpe3ZhxMT9>.

This is a botanical garden, home to the symbol of the city and one of the most significant tourist attractions in the Spanish archipelago in the Atlantic Ocean: the Drago de Icod (*Dracaena Draco Canariensis*), or Icod Dragon Tree. A species endemic to the Canary Islands, this is the oldest such tree in the autonomous community, <http://turismoicoddelosvinos.com/portfolio-item/parque-del-drago-2/>.

CONTEXT AND CONSTRAINTS

The area of intervention for the proposed building is in one of Tenerife's most outstanding locations. A site covering approximately 1,700 m², organised into two terraces, surrounded by a predominantly natural landscape: to the north are views of the Atlantic Ocean (at 215 metres

above sea level); to the south, the imposing Teide volcano dominates the surroundings; to the west it borders with the Caforiño ravine sheltered from the Culata Cliffs; and to the east it connects to the historic site of the Icod de los Vinos village.

The building must also provide auxiliary services for the Drago Park, which are currently lacking: public toilets, a nature classroom and a multi-purpose social space. For these services, special attention will be paid to access, which must link directly to the public space of the park.

However, the project does not just involve the building design, but also that of the exterior spaces and connections, to both the Drago Park and the town centre. Architecture and landscape in a unique natural setting.

PROGRAMME

The programme is flexible with regard to quantitative criteria. Therefore, the assessment will focus especially on the spatial quality of the assembly, its integration into the surroundings (environmental, visual, social, etc.), its interior/exterior relation, the quality of the intermediate spaces and its relation to the park and the historical site as a whole.

- Individual residential spaces (the number to be defined by the students, depending on the surface area and type of residential space that best suit digital nomads)
- Social and coliving spaces
- Communal coworking spaces
- Communal services (kitchen, dining room, wash room, leisure, gym, sport, etc.)
- Supplementary services for the Drago Park (public toilets, nature classroom, multi-purpose social space)
- Exterior spaces, urban development and connectivity in the intervention.

SUPPORT MATERIAL

PLADUR® GYPSUM S.A.U will provide full information for participants on the specially created website: www.concursopladur.com. Participants can also obtain information from our social media or by

sending an email to concurso@pladur.com for any doubts or queries they may have.

PROJECT DELIVERY

PLADUR® GYPSUM S.A.U. will be informed of the local project finalists (local prize, second prize, and BIM of each university) **by 25 APRIL at the latest**. No further projects will be accepted after this date.

The date, place and format for the delivery of the projects for local selection will be decided by the schools and must be publicly announced at the presentation of the competition. The date on which the local jury meets will be set by the schools, always bearing in mind the deadline established by **PLADUR® GYPSUM S.A.U.**

The dates for delivering the projects at each of the universities will be published on the **Pladur®** website, once the competition organisation has been informed.

AWARDS CEREMONY

All prizes will be awarded during the ceremony to be held at the place and time to be announced in the future. The winners of the 'First Local Prize' (not the second prize), the three best local BIM prizes (as decided by the BIM jury) and the local and jury coordinators will be invited to the ceremony.

Students may give a short public presentation of the winning project at the awards ceremony. A representative of the previous year's winners will also be invited, as long as they are not participating in this year's competition, and will present the prize to the new winners, thus creating a thread connecting one year's competition to the next.

PRESENTATION TERMS AND CONDITIONS

Two files must be uploaded to our competition website (guidelines will be provided later on):

1. **One that includes the following information:**

- A PDF file (minimum resolution 150 pixels per inch) for each A2 plan presented (maximum of 4 A2 vertical format panels)
- The plans must not include: the name, code or university of the participants
- Each plan must be numbered and have the project title clearly indicated in the top right-hand corner.

2. **A second file, containing:**

- An A4 document clearly identifying the title and the personal details of each participant (full name, school, code, email address, home address, postcode, national tax ID no., nationality and contact telephone no.). A short CV in Word format with a photo of each member of the team in jpg or png. **All in the same file.**

In total, the student may upload only TWO files. Any extra files will not be considered.

LEGAL ASPECTS

- **PLADUR® GYPSUM S.A.U.** may declare projects null and void if they do not contain all the requested details, including the registration code or if they fail to meet any of the established technical assessment criteria.
- Projects that are not selected may be withdrawn from the schools at the place and in the way each school establishes after the decision has been made and the winners publicly announced and informed.
- All prize-winning projects in any phase of the competition will become property of **PLADUR® GYPSUM S.A.U.**
- **PLADUR® GYPSUM S.A.U.** will ask all winners for the details required for payment (name, national ID number, bank certificate) by email. The date for requesting the details will be prior to the awards ceremony and will expire after one month, of which the winners will be duly informed. Once the period for receiving these details has expired, the prize money will be paid by bank transfer, excluding those who have not provided the details in the period and form required.
- Any winner in any of the previously mentioned categories who does not receive their prize in the indicated times may claim it in writing from concurso@pladur.com. The right to claim the prize will expire in the month of December of the year in which the prize winners are chosen.

- Notwithstanding recognition of the authorship of the projects and the corresponding rights, the prize winners authorise **PLADUR® GYPSUM S.A.U.** to publish and disseminate the prize-winning projects by any means, jointly or individually, transferring to **PLADUR® GYPSUM S.A.U.** all intellectual property rights the publications may generate, with no geographic or time limits, with regard to which the transferor may not claim remuneration of any kind, monetary or otherwise.
- For its commercial and promotional activity, **PLADUR® GYPSUM S.A.U.** will create a database of people and documents received, with regard to which the interested parties may exercise their rights of access, rectification, erasure and opposition in compliance with the European General Data Protection Regulation and other application regulations.
- All persons attending the Awards Ceremony, representatives of the media, jury members and representatives of the participating schools or faculties accept and authorise **PLADUR® GYPSUM S.A.U.** to publish and disseminate, for strictly promotional and advertising purposes, the images and photographs produced in the ceremony, for which the transferors may not claim remuneration of any kind, monetary or otherwise.