

CALL FOR ENTRIES

Monaco Smart & Sustainable
Marina Rendezvous

4th Edition

DESIGN AN
INNOVATIVE AND
SUSTAINABLE
FLOATING MARINA

Architecture Professionals
Students & Young Architects

DEADLINE : 22ND JULY



22 & 23 September 2024



Yacht Club de Monaco



USTAINABLE
SMART
MARINA



DESIGN CONCEPT - *Floating Marina*

In order to regulate anchoring for small and large pleasure boats in environmentally sensitive areas along the French Mediterranean coast, we are launching a call for ideas for the [creation of a floating marina](#) for the 4th edition of the Monaco Smart & Sustainable Marina and Architecture Award.

PURPOSE OF THE PROGRAMME

The seabeds where ships anchor are often located at depths favourable to the development of [Posidonia meadows](#). Anchoring is a source of degradation for seabeds through the destruction of Posidonia meadows, a vital ecosystem for the coastline where species find habitat and oxygen reserves. This plant also contributes to beach protection by mitigating erosion.

To address this issue, ecological anchoring is to be anticipated, an arrangement that offers better reception conditions and security for visitors.

The implementation of a floating marina project embodies a strategic response to contemporary environmental and infrastructural challenges while leveraging [innovation for sustainable coastal development](#).

By embracing a floating design, we address the growing demand for maritime leisure activities while mitigating the ecological impact typically associated with conventional marina construction.

The value behind this initiative lies in its multifaceted benefits: firstly, it offers rapid and flexible setup, minimizing disruption to marine ecosystems during installation and ensuring adaptability to fluctuating seasonal demands. Secondly, the use of sustainable materials and construction techniques promotes environmental stewardship, fostering the preservation of aquatic life and ecosystem integrity. Thirdly, by integrating state-of-the-art technologies, such as energy and water optimization systems, the floating marina exemplifies efficiency and resilience in the face of climate change.



PARTICIPATION AND REGISTRATION

Architecture Students

- Participation in the call for ideas is free of charge for architecture students.
- To attend the Monaco Smart & Sustainable Marina event and present their project at the Yacht Club de Monaco, a fee of 120 Euros (VAT Included) is applicable.
- Architecture students must register by filling out the registration form.
- As part of the registration process, students are required to upload proof of enrolment at their university.
- Upon registration, students may be included in the e-catalogue, referenced in a directory format, showcasing their participation in the competition.
- During the event the top 5 selected projects will be able to present in front of the attendees who will vote for the best project
- After the event and project submitted, a brochure highlighting all projects will be designed and published on different medias

Architecture Professionals

- Participation in the competition for professional architects requires a fee of 240 Euros inclusive of VAT.
- To attend and present both their project and company at the Monaco Smart & Sustainable Marina event held at the Yacht Club de Monaco, a fee of 600 Euros inclusive of VAT is required.
- Professional architects need to complete the registration form to participate in the competition.
- Upon registration, professional architects will be allocated a double-page in our e-catalogue. This space will serve as an opportunity to showcase their company and highlight their best projects, providing visibility to their professional portfolio.
- During the event the top 5 selected projects will be able to present in front of the attendees who will vote for the best project
- After the event and project submitted a brochure highlighting all projects will be designed and published on different media



AWARD CEREMONY

The award ceremony will be taking place during the Monaco Smart & Sustainable Marina event, held at the Yacht Club de Monaco on the 22nd and 23rd of September.

The award ceremony will honour the winners of both the Architecture Student Award and the Professional Architect Award, recognizing their exemplary contributions to smart and sustainable marina architecture competition. Students and professional architects who have been shortlisted in the top 5 by the jury will have the unique opportunity to pitch their projects onsite, presenting their innovative ideas and engaging with fellow participants and industry professionals.

EVALUATION CRITERIA

The selection process for the floating marina project will be conducted by a jury comprising architecture experts. Each proposal will be meticulously evaluated based on the following criteria:

- **Compliance with Requirements:** Evaluating proposals based on their adherence to technical specifications and constraints outlined in the competition guidelines.
- **Innovation:** Assessing the extent to which proposals incorporate innovative solutions and leverage cutting-edge technologies to enhance the design concept.
- **Environmental Sustainability:** Examining proposals for their integration of sustainable materials and construction techniques to lower the impact on the environment throughout the project's lifecycle.
- **Contextual Adaptation:** Reviewing proposals for their ability to seamlessly blend with the local culture and harmonize with the natural surroundings of floating marina location.
- **Functionality:** Analyzing proposals to ensure they effectively address the functional requirements of the floating marina, optimizing usability and practicality.
- **Aesthetics:** Judging proposals on their visual appeal and their ability to create a positive aesthetic impact, enhancing the overall ambiance of the beach club environment.

ARCHITECTURE COMPETITION GUIDELINES

Participants in the architecture competition are tasked with designing a floating marina located in the [Calanque of Sormiou, Marseille, France](#). It is consisting of adaptable platforms to cater to high summer demand. The concept should embody several key advantages, including ease of setup, minimal environmental impact, modularity, and reduced architectural footprint.

Rapid and Easy Setup: Designs should prioritize swift and straightforward assembly, minimizing carbon emissions during installation and deinstallation.

Low Environmental Impact: The proposed floating marina should have minimal impact on the environment and aquatic life. This entails utilizing anchoring techniques to preserve underwater currents and flora.

Modular Design: The architecture should be adaptable, allowing for easy expansion, reduction, and modification as necessary. This flexibility enhances the floating marina's functionality and longevity.

Reduced Architectural Impact: Emphasis should be placed on minimizing the floating marina's architectural impact on the environment.

Structural Components: The proposed design may include:

- A lightweight structure with a total area of 400m² and may include 1 floor maximum.
- Facilities such as a restaurant, a bar, and three unique accommodations to enhance visitor experience.
- A minimum of six moorings for small units up to 24 meters in length, with larger vessels accommodated by tenders.
- A leisure center equipped with paddles and windsurf boards for recreational activities.
- Provision for waste collection to maintain cleanliness and hygiene from the infrastructure but also the anchored boats.
- Integration of energy optimization methods such as harnessing waves, photovoltaics, and wind power.
- Implementation of water optimization techniques to promote circularity and conservation.
- Incorporation of a floating barrier to safeguard the entire infrastructure against surface water movements.
- Utilization of recycled materials for the majority of the structure to minimize environmental impact.

Biodiversity Preservation: Designs should prioritize biodiversity preservation measures to protect and enhance the surrounding ecosystem.

Participants are encouraged to integrate innovative solutions and sustainable practices to create a floating marina that not only meets the functional requirements but also serves as a model of environmental stewardship and biodiversity conservation.

TIMELINE

- Idea Submission Opens: **April 15, 2024**
- Deadline for Candidates' Questions: **July 22, 2024**
- Submission Deadline: **August 23, 2024, at Midnight Monaco time**
- Jury Evaluation of projects: **August 26 until September 6, 2024**
- Selection of the top 5 in each category by the jury: **September 13, 2024**
- Exhibition and presentation of projects: **September 22 & 23, 2024**
- Announcement of the winners according to the public votes: **September 23, 2024**

FORMAT & DELIVERABLES

- The architects will provide a graphic presentation in the form of 6 digital horizontal A2 panels (PDF format), along with a descriptive notice in digital horizontal A3 format (PDF format).
- Rendering Format: .PDF
- Texts and captions must be in English
- The file size of each A2 panel should be less than 10 MB (300 dpi). High-resolution documents will be requested if you are selected.
- A2 panels should be named as follows: LASTNAME-FIRSTNAME_1.pdf, LASTNAME-FIRSTNAME_2.pdf, etc.
- The file size of the A3 notice should be less than 10 MB.

NOTICE CONTENT

- The Challenges and architectural concept
- The Architectural integration into the site
- Sustainable and Innovative aspects of the proposed project
- Appendices: Reduced panels in A3 format

PANELS CONTENT

Free layout, the project title must be mentioned on each panel.

PANEL 1

Site plan scale 1:500
Project presentation text

PANEL 4

Perspective view from the beach

PANEL 2

Perspective view from the sea
(insertion)

PANEL 5

Explanatory diagrams of the concept
and operation (free format)

PANEL 3

Floor plans for ground floor and
first floor scale 1:200

PANEL 6

Free perspective

SCORING GUIDE

9-10

Excellent: In the opinion of the evaluators, the Competitor's response or information provided is exceptional or exemplary in relation to the project and the criterion being scored.

7-8

Very Good: In the opinion of the evaluators, the Competitor's response or information provided addresses all requirements and exceeds the normal expectation in relation to the project and the criterion being scored.

5-6

Good: In the opinion of the evaluators, the Competitor's response or information provided is acceptable and meets the normal requirement/expectation in respect of the project and the criterion being scored.

3-4

Satisfactory: In the opinion of the evaluators, the Competitor's response or information provided barely reaches the normal requirement/expectation in respect of the project and the criterion being scored.

1-2

Unsatisfactory: In the opinion of the evaluators, the Competitor's response or information provided does not adequately address the stated requirement/expectation in respect of the project and the criterion being scored.

0

Deficient: The Competitor fails to provide a response or provides information which in the opinion of the evaluators provides insufficient detail for evaluation, and/or does not address the requirements.

GUIDANCE NOTES FOR THE JURY MEMBERS

- It should be assumed that all submissions are complete as these will have been checked in advance by the organizing committee
- Each evaluation criterion shall carry equal weighting.
- Each jury member will be invited to score each submission independently.
- The scores of the jurors will be aggregated.
- The jurors will meet to moderate the score and the decision of the jury shall be final.
- In the event of a tie, the Jury Chair shall have the casting vote.

GENERAL TERMS AND CONDITIONS

- **Eligibility:** The competition is open to all architects and architecture firms holding a license as well as architecture students with a valid University ID card or letter from the university.
- **Submission Requirements:** Submissions must include a design concept, plans, and specifications, as well as a written description of the design approach.
- **Intellectual Property:** All intellectual property rights of the submissions will belong to the participants. However, the organizers reserve the right to use the designs in publications, exhibitions, and promotional materials always mentioning the participants to which the projects belongs to.
- **Judging Process:** All submissions will be judged anonymously by a panel of experts. The judges' decision of the top 5 is final and binding as well as the votes from the public.
- **Prizes:** The top three proposals will be presented at the event and then voted by the participants to receive a prize.
- **Disqualification:** The organizers reserve the right to disqualify any participant who does not comply with the competition rules or engages in unethical behavior.

