



## INTERNATIONAL ARCHITECTURE COMPETITION

2021

*“Whatever one man can imagine; other men will be able to achieve it”*

**Jules Verne**

As a visionary you are passionate and daring, fully committed to tackling today's and tomorrow's immense environmental and social challenges on the planet. You commit to act providing solutions creating meaningful new living environments and developing innovative biomimetic architectural projects for the sea, the coastlines and for space. You want to drive change towards a resilient, sustainable and human centered future. Call on your imagination and build the worlds of tomorrow in a different way, respecting biodiversity and integrating the new way of living of our societies for the common good of all.

In 2021, the Jacques Rougerie Foundation invites you to imagine daring, visionary projects, addressing the major challenges that humanity is facing. The projects will be based on biomimicry, an endless source of inspiration. Nature has always designed and manufactured the best patterns, the most beautiful shapes, the most elegant curves and produced the best materials. Your work, carried out in a transversal and multidisciplinary reflection, will be even more appreciated. Your bio-inspired project will link together form, usage and environment.

Today, more than ever, we must find new forms of habitat and mobility, new ways of life that have to be inventive and efficient for the 10 billion people who will be living on earth in 2050, 75% of whom will live near coastlines and will be therefore particularly concerned by the challenges of the sea level rise.

As for the inhabited exploration of space, its development is inevitable and must be part of an approach that respects the environment and its own humanity.

Architects, designers, engineers, inventors and creators of today, build multidisciplinary teams and together design the lifestyles and habitats of tomorrow putting humans at the heart of your project, enhancing the richness of the sea and space, respecting them! It's up to you to dare and change our perspective!

**Share your dreams with us and build the future!**

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

## COMPETITION RULES

The Jacques Rougerie Foundation - Institut de France, located 23 quai Conti in Paris 6th, a foundation hosted by the Institut de France, represented by its President, Mr. Xavier Darcos, chancellor of the Institut de France, is organizing from March 29 to September 15 2021 a competition, called: "International Architecture Competition". The information is accessible at the Internet address:

<https://www.fondation-jacques-rougierie.com>

The Jacques Rougerie Foundation - Institut de France is hereinafter referred to as "the Foundation".

### **ARTICLE 1 – PURPOSE OF THE COMPETITION**

The Jacques Rougerie - Institut de France Foundation Awards give architects, designers, engineers and inventors a unique opportunity to propose innovative, daring and disruptive projects. They reward biomimetic, multidisciplinary architectural projects in **3 categories**:

#### **Category "Architecture and Innovation for the Sea"**

- **A Grand Prix**, free expression (you choose your subject)
- **A Focus Award** among one of the following themes: "The underwater Village " or "A Sea Centre"

#### **Category "Architecture and Innovation for Space"**

- **A Grand Prix**, free expression (you choose your subject)
- **A Focus Award** among one of the following themes: "The Lunar or Martian Village" or "An orbital or on a star space port " or "A Research Station on the satellite of Jupiter Europe"

#### **Category "Architecture and Innovation related to the Sea level rise"**

- **A Grand Prix**, free expression (you choose your subject)
- **A Focus Prize** among one of the following themes: "The African Coastline", or "Submersions, erosion" or "Living according to the tidal rhythm"

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## RECOMMENDATIONS

Architectural **innovation** linked to **bio-inspiration** and **sustainable development** are the key words of this call for project. Whatever your subject, you must imperatively **place humans and their environment at the heart** of your reflection and implement engineering dedicated to the specific environment you have chosen. Base your project on the specific lifestyles of human beings, exploiting as much as possible the intrinsic characteristics of the environment, possibly extreme one, taking into account the impact of gravity on the architecture, the modifications of the gestures in everyday life, the notion of surface/volume in which your project is located, whether it is:

- oceanic on the surface or under the sea (marine dynamics, Archimedean thrust, pressure, life in saturation or in atmospheric pressure, etc.)
- coastline (swells, tides, currents, sea level rise, etc.)
- in space or on a star (vacuum, radiation, temperatures, reduced or absence of gravity, time and distance scales, micro meteorites, energy requirements, etc.).

Making your project successful will depend on your ability to:

- Build **multidisciplinary teams** (science, arts and technology, etc.)
- meet **experts** and **specialists** to build on transversal skills consistent with your subject, for example engineers, biologists, oceanographers, geographers, planetologists, astrophysicists, ergonomists, psychologists, doctors, artists, etc.
- seek out, collect and provide the information supporting your description and testifying its **innovative and tangible reality**, even if this should be effective in a distant future that today's technologies do not yet enable.
- take into account the **preservation of the environment** and to contribute to the integration of the sea and space in the development of our society: innovative materials, techniques and fundamental advances in terms of design and development, economy in terms of energy or natural resources, circular economy, etc.
- use the constraints of the environment so that they become a creative force, shaping your project as a unique one.

The competition is free of charge and intended for students and professionals worldwide. The prizes are awarded, regardless of age, sex, origin, religion, to teams or to individual candidates. Candidates are invited to build **multidisciplinary teams** to participate in the competition and encouraged to put value on a collective thinking and **cross-curricular skills**.

## **ARTICLE 2 – PRIZES**

In 2021, the Jacques Rougerie - Institut de France Foundation will reward candidates submitting architectural projects related to the Sea, to the Sea level rise or to Space, with a global amount of prizes of € 30,000. (thirty thousand euros).

Candidates can compete either **individually or in multidisciplinary teams** with one team leader referred to as "Team Leader".

The prizes will be awarded to an individual candidate or to the team leader (who will be responsible for sharing the amount of the prize among the members of the team). The amounts break down as follows:

### **Jacques Rougerie Foundation "Architecture and Innovation for the Sea" Awards**

- Grand Prix: € 5,000 (five thousand)
- Focus Prize: € 5,000 (five thousand)

### **Jacques Rougerie Foundation "Architecture and Innovation for Space" Awards**

- Grand Prix: € 5,000 (five thousand)
- Focus Prize: € 5,000 (five thousand)

### **Jacques Rougerie Foundation "Architecture and Innovation related to Sea level Rise" Awards**

- Grand Prix: € 5,000 (five thousand)
- Focus Prize: € 5,000 (five thousand)

In addition to a financial endowment, the Laureates will benefit from the support of the Foundation in order to deepen their project. The winners will be offered to call on the Foundation's network of experts.

## **ARTICLE 3 – CONDITIONS OF ELIGIBILITY**

### **3.1 REGISTRATION**

The competition is open to students, professionals, researchers, creators, artists, etc. A candidate can only participate once in the 2021 competition submitting only one project. Multiple applications will result into an automatic disqualification be it individual or collective participation.

People who took part in the organization and running of the competition, the experts, members of the jury and members of their families, employees of the agency Jacques Rougerie Architectes

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

Associés, members of the Institute and correspondents as well as agents of the Institute cannot directly or not, participate in the competition.

Registration for the competition, whether individual or in a team, is exclusively possible via the dedicated online platform:

<https://fjr.wiin-organizers.com/fr/applications/2021-International-Architecture-Competition>

On this platform, the candidates will be asked to download the necessary documents for their registration:

- these competition rules including the reminder of the dates corresponding to the competition stages
- the logo of the Jacques Rougerie Foundation
- the templates described in this current competition rules

During the whole-time span of the call for projects, candidates can gradually complete their file online on the platform: administrative registration and uploading of documents presenting their project.

Registering for the competition implies unreserved approval of the terms of the Competition rules. Any violation of the competition rules could lead the Jacques Rougerie Foundation to disqualify candidates.

The competition unfolds in two phases. If the candidate's project is selected during phase 1, he will receive a notification by e-mail on **September 24, 2021**.

Consequently, the candidate will be asked to provide the optional items in phase 1 which have become mandatory in phase 2, **before**

**Wednesday October 7**  
**at 11:59 PM GMT +1 France (End of download)**

### **3.2 CONTENT OF THE SUBMISSION**

Administrative documents to be provided:

1. **A B&W portrait photography** (white background) of every team member named as follows:  
21\_(PROJECT LEADER'S NAME)\_(TEAM PARTNER'S NAME)\_( Team partner's first name)\_**photo**.jpg
2. **A resume of every team members** (PDF file) named as follows:  
21\_(PROJECT LEADER'S NAME)\_(TEAM PARTNER'S NAME)\_( Team partner's first name)\_**CV**.pdf
3. \* **A short biography**, describing the team members – Max 500 characters in French or English
4. \* **The nationality** of every team member.

The candidates must respect the proper files names in order to avoid any disqualification.

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

## Documents Naming convention

All the documents submitted must imperatively be named with the category in which you choose to compete:

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT
FOCUS SEA	21_OF_ Project leader's name _NAME OF THE PROJECT
GRAND PRIX AWARD FOR SPACE	21_S_ Project leader's name _NAME OF THE PROJECT
FOCUS SPACE	21_SF_ Project leader's name _NAME OF THE PROJECT
GRAND PRIX AWARD SEA LEVEL RISE	21_R_ Project leader's name _NAME OF THE PROJECT
FOCUS SEA LEVEL RISE	21_RF_ Project leader's name _NAME OF THE PROJECT

### 3.2.1 MANDATORY PIECES TO BE PROVIDED IN PHASE 1

1. **\*The name of the project**
2. **\*A short phrase** qualifying your project. It will be used together with the name of your project in all communications tools. *150 characters max in French and in English*
3. **\*A concrete description** of the project, highlighting the main lines of it.  
*600 characters max in French and in English*
4. **A free expression document** presenting the detailed in-depth project, named "**Book**", A3-size, landscape composition, exclusively using the template to be downloaded on the platform.  
*Max 10 pages 30 MB Max*  
The pages composing the book will include the written and graphic elements to present the project extensively. The "**Book**" must be named accordingly to the the following files nomenclature in order to avoid any disqualification.

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT_Book.pdf
FOCUS SEA	21_OF_ Project leader's name _NAME OF THE PROJECT_Book.pdf
GRAND PRIX AWARD FOR SPACE:	21_S_ Project leader's name _NAME OF THE PROJECT_Book.pdf
FOCUS SPACE	21_SF_ Project leader's name _NAME OF THE PROJECT_Book.pdf
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ Project leader's name _NAME OF THE PROJECT_Book.pdf
FOCUS SEA LEVEL RISE	21_RF_ Project leader's name _NAME OF THE PROJECT_Book.pdf

5. **Graphic elements** made up of at least 5 pictures (max 10)

The most relevant image to represent your project and which will be used for communications purposes must be named "photo1". The following ones will be named Photo2, Photo 3...

The **pictures** must be named accordingly to the following files nomenclature in order to avoid any disqualification.

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT_Photo1.jpg
FOCUS SEA	21_OF_ Project leader's name _NAME OF THE PROJECT_ Photo1.jpg
GRAND PRIX AWARD FOR SPACE:	21_S_ Project leader's name _NAME OF THE PROJECT_ Photo1.jpg
FOCUS SPACE	21_SF_ Project leader's name _NAME OF THE PROJECT_Photo1.jpg
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ Project leader's name _NAME OF THE PROJECT_ Photo1.jpg
FOCUS SEA LEVEL RISE	21_RF_ Project leader's name _NAME OF THE PROJECT_ Photo1.jpg

### **3.2.2 OPTIONAL PIECES TO PROVIDE IN PHASE 1, MANDATORY IN PHASE 2**

6. **\*\* A summary board (optinal in phase 1)**, a free expression document named **A0**, A0-size, portrait composition, exclusively using the template to be downloaded on the platform. The **short phrase** (item 1 mandatory in phase 1) and the **concrete description** (item 2 mandatory in phase 1) must appear at the bottom of the A0 in French and English. All the nationalities of the team partners (**not their residential country**) must appear as "Country". The summary board will be used for communications purpose including in international exhibitions. The « **A0** » must be named accordingly to the following files nomenclature in order to avoid any disqualification

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT_A0.pdf
FOCUS SEA	21_OF_ Project leader's name _NAME OF THE PROJECT_ A0.pdf
GRAND PRIX AWARD FOR SPACE:	21_S_ Project leader's name _NAME OF THE PROJECT_ A0.pdf
FOCUS SPACE	21_SF_ Project leader's name _NAME OF THE PROJECT_A0.pdf
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ Project leader's name _NAME OF THE PROJECT_ A0.pdf
FOCUS SEA LEVEL RISE	21_RF_ Project leader's name _NAME OF THE PROJECT_ A0.pdf

7. **\*\* An animated film or 3D video (optional in phase 1)** *Duration 1minute max, 50Mo max*

This 3D animation or video explaining your project will be MANDATORY in phase 2. Candidates who provide a video in phase 1 will be authorized to work again on it in phase 2. The movie must be named accordingly to the following files nomenclature in order to avoid any disqualification

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT_Movie.mp4
FOCUS SEA	21_OF_ Project leader's name _NAME OF THE PROJECT_ Movie.mp4
GRAND PRIX AWARD FOR SPACE:	21_S_ Project leader's name _NAME OF THE PROJECT_ Movie.mp4
FOCUS SPACE	21_SF_ Project leader's name _NAME OF THE PROJECT_Movie.mp4
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ Project leader's name _NAME OF THE PROJECT_ Movie.mp4
FOCUS SEA LEVEL RISE	21_RF_ Project leader's name _NAME OF THE PROJECT_ Movie.mp4

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

8. **\*\* A one page PowerPoint presentation (optional in phase 1)** for the Jury named "Project" exclusively using the template to be downloaded on the platform together with a sample. The Powerpoint presentation must be named accordingly to the following files nomenclature in order to avoid any disqualification

GRAND PRIX AWARD FOR THE SEA:	21_O_Project leader's name _NAME OF THE PROJECT_Project.ppt
FOCUS « The underwater Village »:	21_OF_ Project leader's name _NAME OF THE PROJECT_ Project.ppt
GRAND PRIX AWARD FOR SPACE:	21_S_ Project leader's name _NAME OF THE PROJECT_ Project.ppt
FOCUS « The Lunar Village »:	21_SF_ Project leader's name _NAME OF THE PROJECT_ Project.ppt
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ Project leader's name _NAME OF THE PROJECT_ Project.ppt
FOCUS « African Coastline »:	21_RF_ Project leader's name _NAME OF THE PROJECT_ Project.ppt

9. **\*\* An Exel document (optional in phase 1)** named "**Team**", with the full contact details of the team partners, exclusively using the template to be downloaded on the platform. The Exel document must be named accordingly to the following files nomenclature in order to avoid any disqualification :

GRAND PRIX AWARD FOR THE SEA:	21_O _NAME OF THE PROJECT_Team.xls
FOCUS SEA	21_OF_ _NAME OF THE PROJECT_Team.xls
GRAND PRIX AWARD FOR SPACE:	21_S_ _NAME OF THE PROJECT_Team.xls
FOCUS SPACE	21_SF_ _NAME OF THE PROJECT_Team.xls
GRAND PRIX AWARD SEA LEVEL RISE:	21_R_ _NAME OF THE PROJECT_Team.xls
SEA LEVEL RISE	21_RF_ _NAME OF THE PROJECT_Team.xls

### **3.2.3 MANDATORY PIECES TO PROVIDE IN THE SECOND PHASE**

The candidates admitted to the second phase will be notified by e-mail on **September 24, 2020**. They will be invited to submit the requested documents, optional in phase 1, mandatory in phase 2 before Wednesday, **October 7, 2020** at 11:59 p.m. French time (end of the download)

#### **Reminder**

1. The A0 summary board **mandatory in phase 2**,
2. The HD animated film or 3D video **mandatory in phase 2**
3. The one page PowerPoint presentation for the jury, **mandatory in phase 2**
4. The Exel document with the full contacts of the team members, **mandatory in phase 2**



### **3.3 DEADLINES TO SUBMIT YOUR FILES**

All the documents mandatory in phase 1 must be uploaded **latest:**

**Wednesday September 15**  
**at 11:59 PM GMT +1 France (End of download)**

All the documents mandatory in phase 2 must be uploaded **latest:**

**Thursday October 7**  
**at 11:59 PM GMT +1 France (End of download)**

on the website :

<https://fjr.wiin-organizers.com/fr/applications/International-competition-in-Architecture-2020/>

The uploading of some heavy files can take a long time. We recommend not to do it last-minute.

### **ARTICLE 4 – SELECTION PROCESS**

#### **4.1. TECHNICAL COMMISSION**

Pre-selection phase: the designation of the nominees, admitted to compete in phase 2, will be effective after a shortlist preselection of projects in each of the categories "Sea", "Space", "Sea Level Rise" by the appointed Technical Commission "Pre-jury".

The projects will then be examined by a jury composed with experts who will vote for the laureates.

#### **4.2. COMPOSITION OF THE JURY**

The jury is composed with international experts in architecture and experts of space and sea.

#### **4.3. LAUREATES SELECTION**

The jury is sovereign in its proposal which requires a 2/3 vote at the end of the deliberations. If necessary, the vote of the president of the jury counts twice. The jury's proposal will be submitted to the Foundation's Board of Directors, with the final decision of the Chancellor of the Institut de France. The jury may decide not to award some Prizes if they consider that the projects do not justify it.

The secretariat of the session is provided by the administrative services of the Institut de France

The winners will be notified by telephone, letter or email of the jury's decision.

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

## **ARTICLE 5 – CRITERIA:**

The architectural concepts of the projects will be evaluated in accordance to the following 8 criteria:

- Biomimicry and bio-inspiration
- Architectural design quality
- Innovation & technics
- Place of human being in the project
- Sustainable development
- Graphic design quality
- Respect of the competition rules
- Respect of the theme
- 

## **ARTICLE 6 – PROCLAMATION AND AWARD CEREMONY**

The awards ceremony will take place on **December 1, 2021** at the Institut de France, Paris. The presence of the Laureate (s) is highly appreciated.

## **ARTICLE 7 – COMMUNICATION**

The laureate (s) authorize (s) the Foundation and the Institut de France to:

- communicate on the attribution of its prize (mention name, action, reproduce logo, etc.)
- distribute the photographs and films made during the Prize-giving ceremony - for any promotional or public relations purpose - and without this conferring on them any right to remuneration or any advantage.

The laureate (s) is / are authorized to communicate on obtaining the Prize. The name of the Jacques Rougerie Foundation - Institut de France must, in any case, be mentioned in full. The photographs and videos may be exploited and used as part of the Foundation's information and communication actions and as part of its promotion activities, with different audiences, in all forms and all media known and unknown to date, worldwide, without time limit, in full or in extracts. The Foundation expressly refrains from using the images that could potentially infringe on the privacy or reputation, dignity or integrity of the persons concerned.

### **9.1. International Database**

The Jacques Rougerie Foundation reserves the right to select the projects that will belong to its database. This database, free and visible to all, features a wide range of architectural projects related to the Sea, Space and Sea level rise.

<http://www.jacquesrougeriedatabase.com/>

\* To fill in online on the platform dedicated to the contest

\*\* Optional in phase 1, mandatory in phase 2

## **ARTICLE 8 – PERSONAL DATA PROTECTION**

All personal data will be kept for the duration of the competition in accordance with the regulations. The data will then be kept for a reasonable archiving period. The data processed are intended for authorized persons of the Institut de France, as well as any subcontractors and partners. In accordance with the amended Data Protection Act and the General Data Protection Regulations (2016/679) (RGPD), applicants are informed by these Regulations of their right to withdraw at any time their consent relating to the processing of their data. personal data by the Foundation (i) and the right not to have been forced to consent to this processing (ii). They have a right of access (iii) to personal data processed by the Foundation, a right of rectification (iv) or erasure of this data (v), the right to request the limitation of their processing (vi), the right to oppose their processing for legitimate reasons (vii) and the right to request the portability of these data (viii). Finally, candidates have the right to define general and specific directives defining the way in which they intend to exercise, after their death, the rights mentioned above. These rights can be exercised either by e-mail sent to the address: [delegue-protection-donnees@institut-de-france.fr](mailto:delegue-protection-donnees@institut-de-france.fr), or by post addressed to the Jacques Rougerie-Institut de France Foundation, 23 Quai de Conti, 75006 Paris.

## **ARTICLE 9: LITIGATION AND RESPONSIBILITY**

Registering and participating in this competition implies unreserved acceptance of these rules. These regulations are subject to French law. Any difficulties concerning the nullity, interpretation or execution of these regulations, and more generally any disputed case, will be decided by the president of the Jury or by the competent courts of Paris (France). The Foundation cannot be held liable if, following a case of force majeure or an unforeseen event beyond its control, the competition should be canceled, postponed or modified or the duration of the competition shortened. In all cases, the Foundation reserves the right to extend the period of participation and to postpone any date announced or to cancel the competition at any time. The Foundation cannot be held liable for any damage linked to a suspension or an interruption, to any dysfunction whatsoever, or to the end of the competition or even linked to the allocation or use of a prize, and this, for whatever reason.

## **ARTICLE 10 – WARRANTY**

The candidates guarantee that they are the exclusive authors of the content of the projects (ideas, creations, images and more generally all the documents), that these are entirely original and do not violate, directly or indirectly, any rights and do not incorporate any element likely to be the subject of any private law or to harm anyone.

Consequently, each candidate guarantees the Jacques Rougerie - Institut de France Foundation against any recourse or action by any natural or legal person believing they have any right to assert. In this context, each candidate holds the Jacques Rougerie Foundation - Institut de France compensated for all possible costs, convictions and / or any expenses whatsoever resulting from these actions or actions.

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\*\* Optional in phase 1, mandatory in phase 2

## **ARTICLE 11 – COMPETITION AGENDA**

**Monday March 29, 2021:** competition registration opens at 00 a.m.

**Wednesday September 15, 2021:** closing of the project deposit at 11.59 p.m.

**From 16 to 23 September 2021:** analysis of phase 1 by the pre-jury

**Wednesday, September 24, 2021:** eligible applicants in the second phase are notified

**Thursday October 7, 2021:** deadline for submitting the second phase elements for shortlisted candidates

**End of October 2021:** Jury

**November 2021:** individual notification to the laureates

**Wednesday December 1st, 2021:** Awards ceremony. The results of the competition will be officially announced during the Awards ceremony.

## **ARTICLE 12- ACCES TO THE COMPETITION RULES**

This competition rules can be downloaded free of charge on the competition platform at the following address:

<https://fjr.wiin-organizers.com/fr/applications/2021-International-Architecture-Competition>