

Global Warming  
Center   







## INTRODUCTION

We inhabit a world that presents an obviously bleak panorama. It may seem a catastrophist statement, but it is obvious that the planet is in crisis, and not only the economy is responsible for this risk: the situation is unsustainable, overpopulation, overexploitation of natural resources and pollution cause it to become less the life expectancy of our planet.

We are undergoing a change. If it is provoked or it is a natural cycle of the planet, there is already someone who doubts it. There is a global change -which is not only climate change- and what this change can cause is disastrous. The main consequence of a rise in the temperature of the planet would be the rise in sea level caused by the melting of the poles, which will cause the salinity of the water. Increasing the temperature increases the amount of energy to counteract it and the expense will be much higher. For this reason new forms of energy - renewable - but still economically weak, are beginning to proliferate.

Respect for nature has been lost, it no longer exists; and whether we want it or not, it has produced a change, a great global change that also implies an overflow of the ecological footprint, an increase in social inequalities and a loss of biodiversity. This causes a global crisis and with it proposals to counteract it. Our objective is the investigation and diffusion of the problems that we suffer and that we must solve. We must always start from a general vision. You can not learn architecture without first going to school and learning language, history or geography. Broadly speaking we start from a broad general base where we focus on one part without ever losing the notion of the whole.

Natural disasters only try to balance what the man unbalances. Even with huge disasters like the meteorite that caused the disappearance of the dinosaurs, after thousands of years, life reappeared. This leads us to think that the problem is not planet but of man. There is no ecological crisis, but socio-ecological. Environmental problems are the result of social problems. What is at stake is not the continuity of nature, but the life of man. What seems to happen is that a series of catastrophes would end our life until we manage to balance what we are unbalancing.

And now well, will we react? Can you unite the whole world for a common good? What is needed for this? Is the problem only of misinformation? The problem is one of high complexity and the search for transversal solutions that can not be given from a single discipline.



Imagen superior izquierda: Glaciar en Argentina.

Imagen inferior derecha: Deshielo

## ARCTIC SEA ICE

The ice shelf or sea in the Arctic region is crucial in maintaining the global climate due to its reflectivity. The melting of this ice can also increase global warming due to positive feedback effects, where warming generates more heat as solar absorption increases. The loss of this layer of ice can represent a turning point in global warming, when the 'decontrol' of climate change starts.

## The Arctic Thaw

So far, scientific analysis has not detected that the Arctic Ocean has never been seasonally thawed for the last 700,000 years, despite warmer periods, and scientists continue to study the causes and consequences of altered atmospheric circulation. Arctic ocean warming or the alteration of the marine current as the Gulf Stream

The intergovernmental group of experts on climate change (IPCC) reported: "Arctic warming, indicated as maximum and minimum daily temperatures, has been equivalent to that of any other part of the world." As the ice surface is reduced, the albedo effect decreases and reflects less solar energy to space, therefore, the reduction will be accelerated.

## PROGRAM

We can not be pretentious and think that a single device that we build will be the one that changes the dynamics of an entire planet, but it is true that a place where IN SITU is investigated the causes, effects and, ultimately, how fast it is affecting therefore make REPEAT in our way of life as a society.

That is why the approach of the contest is to create an advanced position in research. A research center for two people where they can collect samples, study the air, the submarine current, the air quality, ...

The interior should be conceived as a minimum research station which is respectful of the environment, eco-sustainable, self-sufficient and comfortable. Bearing in mind that they must develop at least the following spaces:

- 1 room with two single beds
- 1 study area and sample analysis
- 1 Observation platform
- 1 bathroom
- 1 Warehouse

The square meters of said spaces will be decided by each individual person. There is no specific situation in the Arctic. This program is indicative and therefore can be modified by the participant. That is why you can expand the number of stays as considered while it is fully justified in the proposal.

The design freedom is absolute and the intervention surface is free, this contest suggests that the participant investigate the forms of intervention in a singular landscape. Study limits, the horizon, scales, views, access, materiality are the keys to follow.

It will be positively valued to investigate the sustainability techniques that make the research station self-sufficient in its entirety.

\* Being a contest of ideas, participants are free to modify the proposed surfaces. This report should be taken as a reference of the spaces necessary for the project to be functional and as a measure of the total dimensions of the project. Participants can suggest new areas not proposed in this document, as well as eliminate or combine some of those already mentioned.



Océano Ártico  
Polo Norte  
Latitude: 0° N  
Length: 0° E



## reTH!NKING philosophy

reTH!NKING Team proposes contests far from the pessimism, with high doses of freshness and joy, restless and expansive. Definitely, it aims to stimulate and shake the architects heads who seem to be asleep and restore dignity to the profession. Being optimistic over all.

The proposed competitions will be focused on 8 concepts which we think there is much to investigate and propose by architects.

We understand that architecture can not be classified, as a single project reflects on various concepts relevant to contemporary culture, but enhance several of these main research topics.



"Changing response is evolution.  
Change of question is revolution "

Top right image:  
Pamukkale. AVV

lower left image:  
Pamukkale. AVV

## CONCEPTS



DENSITY



ECOLOGY



DETAIL



SCALE



LIMIT



MOBILITY



NATURE



HOUSING



## MAIN CONCEPTS

### NATURE



Definitely Nature does not exist. We have just digitalized the last squared meter of the planet and we have it already inside our artificial (artificializador) pocket.

Landscapes made to be used, where function and architecture show up at the same time their natural and artificial condition.

Architecture and context. Establishing both terms would be again a duality, some kind of halfway between architecture and its context, an inevitable addition of both of them due to its mutual influence. It becomes a singular ecology, among which architecture and what existed before are discovered. Architecture adds as a landscape, it is paisaje y no objeto.



(VV.AA., Diccionario Metápolis de Arquitectura Avanzada, Barcelona: ACTAR, 2002)

(MVRDV, Farmax. Excursions on density, Rotterdam: OIO publishers, 1998)

### ECOLOGY



We oppose to the aged and nostalgic ecology (freezer of landscapes, territories and environments), through an audacious ecology; re-qualifying versus re-formulating. Based not anymore in a fearful and defensive non-intervention, but in a non-impositive one, a qualifying intervention in synergy with the environment, and with technology too. Not only optimistic but "positiv-istic".

An ecology where sustainability means interaction.

Where nature is also artificiality.

Where landscape is topography.

Where energy is information and technology is transportation

Where development is recycling and evolution is genetic.

Where environment is field.

Where conservation implies always intervention.

## LIMIT



The limits in the city multiply, and now it is not so clear that only the physical reality which has been used to define the real city -center, periphery, land, water, surface, deepness, skin, interior, exterior- would work out to explain the physical happenings of the contemporary city.

The physical presence of this phenomena and its analogies to the shapes of architecture and public spaces have not done anything but multiply what it existed already: the infinity of the limits and frontiers that define nowadays the city. The limit, in opposition to what has commonly being thought, has not been liable to stitch, weld or fusion. The city is full of them and its spaces would be better defined by the happenings which are closer to it (objects, routes, topographies, topologies) than for the pretended and inaccurate limitation of what would define it. Today, the city space would be better configured for "the rest" (any kind of happening), than for the own and only presence of what we thought it was the urban space. The idea of limit has lost precision, it is something diffuse.

## DELIVERY CONTENT RULES OF PRESENTATION

Participants must submit a single A1 (59,4 x 84,1 cm) any orientation is accepted. The **registration code (order number, #0000 or #00000)** obtained at the time of registration must appear at the upper right corner. Remember checking the spam inbox. You must also choose a **Slogan** or title for your project which can be placed anywhere. Panels delivered without the code and slogan can be excluded from the competition.

THE SUBMISSION WILL BE ONLINE THROUGH RETHINKING WEBSITE: [www.rethinkingcompetitions.com](http://www.rethinkingcompetitions.com)

Cuando se confirme el pago, el participante recibirá en el correo un archivo llamado "Welcome/Bienvenidos". En dicho archivo se especificará individualmente como deben nombrarse cada uno de los archivos y la forma de entrega de toda la información del concurso. **Revisar siempre el correo no deseado (Spam).**

Once confirmed the payment, the participant will receive a document named "Welcome/Bienvenidos". The way of naming each file will be explained here as well as how to submit your proposal. **Remember checking the spam box.**

Files must be zipped in only one .ZIP file with all the required documents. Files must be less than 8 MB.

The information included in the panels will be the necessary to understand the project, each participant can choose: graphic representations, model pictures, perspectives, sketches, renderings, texts, etc. Models can not be delivered.

The jury will evaluate the quality of architectural design and its clear presentation and general composition.

Shall not be required, although it will be appreciated, to solve the project construction or structural systems.

The project must be understood mainly through the artwork. In the sheet may be included text, although the presence of a large amount is not recommended. You can use either English or Spanish. The scale can be chosen by the participants.

### REQUIRED DOCUMENTATION TO BE DELIVERED:

The following documentation is required:

- PANEL A1 IN .JPEG (59,4x 84,1 cm):
- ABSTRACT (90 words) .doc.
- 1 TEAM FORM (21,0 x 29,7 cm) Team description. This file will be available by direct download in the document "Welcome / Bienvenidos".
- 1 TEAM PHOTOGRAPH (JPEG) in black and white.

This documentation will be named as described in the "Welcome-Bienvenidos" file.



Imagen inferior derecha  
Ibiza. AAVV

## ELIGIBILITY

All students and architects or related professions anywhere in the world can participate in the contest. Participation can be individual or in groups, being eight (8) the maximum number of members. Team members can be from all disciplines (artists, philosophers, photographers, etc.), without being necessary, although advisable, the presence of an architect or architecture student. It is allowed that members are from different universities and countries.

The price of registration is the price that each participating team must pay, regardless of the number of members.

In case that one team or participant wants to submit more than one proposal for the same competition must register twice (or as many as want to present projects) paying the appropriate fee each time.

Under no circumstances should the participation of any juror, or anyone organizing professional agency relationship with any of the above will be accepted.

## PRIZES

The amount of 3,000 € will be distributed as follows:

First Prize	1.500 €
3 Accésits	3 x 500 €
+ 10 Honourable Mentions	No economic prize

In addition the rethinking team is committed to the dissemination of the project through:

- Publication in magazines
- Publishing in blogs / architecture websites
- Publication in reTHINKING media

All the sponsors of the competition will be a key support in the development of the competition. The jury will be prestigious and will be composed of professionals from the world of architecture.

\*Depending on the country of residence of the winners, the cash prize may be subject to withholdings or tax payments under the law of the country itself.

## JURY

Rubén García Rubio (Cajón de Arquitectos + Studio VRA)  
Eva Luque García (Profesor Proyectos ETSA Sevilla)  
Antonio Díaz Jerez y Flavio Ramos Vicente (*díaz+ramos*)  
Sonsoles Vela Navarro (Studio VRA)

\*All jury members have shown a willingness to be present at the voting process where the winners will be selected, however their participation is subject to their professional and educative commitments with their own studies and projects.

The Jury will know the Provisional List of admitted proposals issued by the reTHINKING, contests and will decide on possible incidents that may have occurred. They will then examine the proposals anonymously. The jury reserves the right to declare null and void any of the prizes. Likewise, it may award ex aequo et bono some of them, distributing in this case the total amount equally.

## CALENDAR

JUNE 18TH 2018	Early registration starts
JULY 23TH 2018	Early registration ends
JULY 24TH 2018	Regular registration starts
AUGUST 13TH 2018	Regular registrations ends
AUGUST 14TH 2018	Late registration starts
SEPTEMBER 3RD 2018	Late registration and FAQ ends
SEPTEMBER 3RD 2018- 18:00H (MADRID TIME)	Submission deadline*
SEPTEMBER 4TH 2018	PAdmission List publication in reTHINKING official website **
SEPTEMBER 4TH 2018 - OCTOBER 15TH 2018	Evaluation process
OCTOBER 2018	Winners announcement and media disclosure.

\* If the documentation is received after the deadline, the project will be disqualified.

\*\* The website is [www.rethinkingcompetitions.com](http://www.rethinkingcompetitions.com). The list will be also published on Rethinking official facebook page (<https://www.facebook.com/reTHINKINGAC/>).

The results will be published in our website and Social media. It will also be communicated individually to each of the contestants or teams that have been awarded, which may be before or after their online publication.

## INSCRIPTION

Inscription periods will depend on the competition publication and will be divided as follows:

Early	35 € + IVA
Regular	50 € + IVA
Advanced	70 € + IVA

IVA: 21%

Before making the inscription one member of the team must register on our website. After completing the registration form you will receive an email with your password and the registration code you will need for your panels (Order: #0000 or #00000). It's important to keep this registration code, it will allow your team to access the intranet where you'll be able to access your registration status, payment, and the upload form to submit your project.

Once registered you will have to make the inscription through our website: <http://rethinkingcompetitions.com/> by paying the current fee. The submitting instructions will be sent once we receive the payment.

After 5 days since payment reTHINKING will not make refunds. Refunds costs shall be paid by contestants and never by the platform. Inscription fees will not be kept for future competitions.

## DISCOUNTS

It is possible to lower the price of the entries to any Rethinking competition registering multiple teams simultaneously. If you are a teacher and want to use our competition as an exercise you can take advantage of discounts and involve the largest number of teams. For every 10 teams will save 30% of the total enrollment.

\* For the applicable discount teams should be registered at the same time. The payment will be the total of all the teams

## PAYMENT

The payment method will be the one that best suits the team, considering that payments made by Bank transfer must have as a concept the code team. If we receive a payment that is not properly identified we won't be able to relate it to your team and your participation will not be confirmed until you provide a proof of payment.

**Bank Deposit** the account data will be provided when choosing this option. Once the registration fee is paid it will not be refunded in any case. Registration dates are subject to the receipt of payments, not the time of issue.

Any type of management fees and / or bank charges will be borne by the participant.

**Credit or Debit Cards:** All card payments will be handled by PayPal to ensure data security. Rethinking not have access to your card details. The inscription will be received instantly.

## DOCUMENTS

The following information is available for download on the website of reTHINKING:

Bases completas en ESPAÑOL  
Complete rules in ENGLISH  
Graphic Material  
Communication Material  
Competition's trailer  
Poster

All the information is available for everyone in our website, no need for registration for consult it. Participants will create their own graphic documents or use materials from other sources, leaving the team Rethinking exempt from any liability for infringement of copyright or other intellectual property rights.



## EVALUATION CRITERIA

The Rethinking team will provide to each jury member a document where the basic concepts which its own vision of the architecture is based on.

The jury, once understood the profile and concerns of RethinkING, will give their personal assessment based on their knowledge and experience on the architectural project.

The jury will be revising all deliveries, where finally, it was particularly valued the reTHINKING spirit and the adequacy of the response to the problem and achieved goals, reviewing the response that each project gives to each concept, methodology and research accomplished.

In this latest round finalists, honorable mentions and the winners will be designated.

**The jury reserves the right to award proposals that do not comply any of the parameters of these rules as long as it represents an improvement in the project.**

## FAQ

From the start date until the deadline, all those questions that help to better understand the project and its objectives as well as on the functioning of competition may be proposed.

The questions not resolved in these rules or in the "FAQ" section of our website should be done through reTHINKING page on Facebook, which can be accessed from the top menu of any page our website. Any question must be sent to [contact@rethinkingcompetitions.com](mailto:contact@rethinkingcompetitions.com)

## INTELLECTUAL PROPERTY

The authors of all the works presented have the rights recognized in the Real Decreto Real Decreto Legislativo 1/1996, of 12 April, approving the revised text of the Law on Intellectual Property, regularizing, clarifying and harmonizing intellectual property existing legislation on the subject. Once submitted, the material will be given to rethinking for future publications and promotions of the contest. If used for other purposes, the authors retain all rights to their proposals.

The information submitted may be edited by the reTHINKING team to adapt it for publications, but never altering the original project.

## NOTES

reTHINKING reserves the right to make any changes in the competition rules (dates, deadlines, requirements, etc.) as long as these benefit the majority of participants and improving the competition. Any modification of the bases will be announced on the official website of reTHINKING on Facebook, remain the responsibility of the participants to visit frequently.

The project proposed here is fictitious and will not be built. The material provided to participants may have been modified by reTHINKING to improve the project conditions, so that drawings, photographs and other documentation may not match reality.

reTHINKING is only responsible for receiving, organization and evaluation of the contest, as well as assistance to participants in the development of competition, therefore, reTHINKING has no vote in regard to the decision of the winners that the jury deems appropriate.

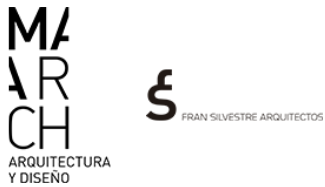
**The submission of the application for registration implies the acceptance of these rules.**

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Subscribe to our NEWSLETTER !!!!



Con la colaboración especial de:



Colaboradores:



Con el apoyo de:



## Contacto

[www.reTHINKing competitions.com](http://www.reTHINKing competitions.com)

| +34 955 54 29 92 | +34 627 706 234 |  
| contact@rethinkingcompetitions.com |  
| calle josé laguillo 27 bloque 7 local 1B | Sevilla 41003