

DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



coordinador:
Belen Desmaison
Kleber Espinoza

fecha / date:
JUNIO 2021

Equipo /Project Design & Fabrication :
azCON ferrero d.KRAFTS:
Antonio Sanmartín (azCON architectures SLP)
Matías Ferrero

Comisario:

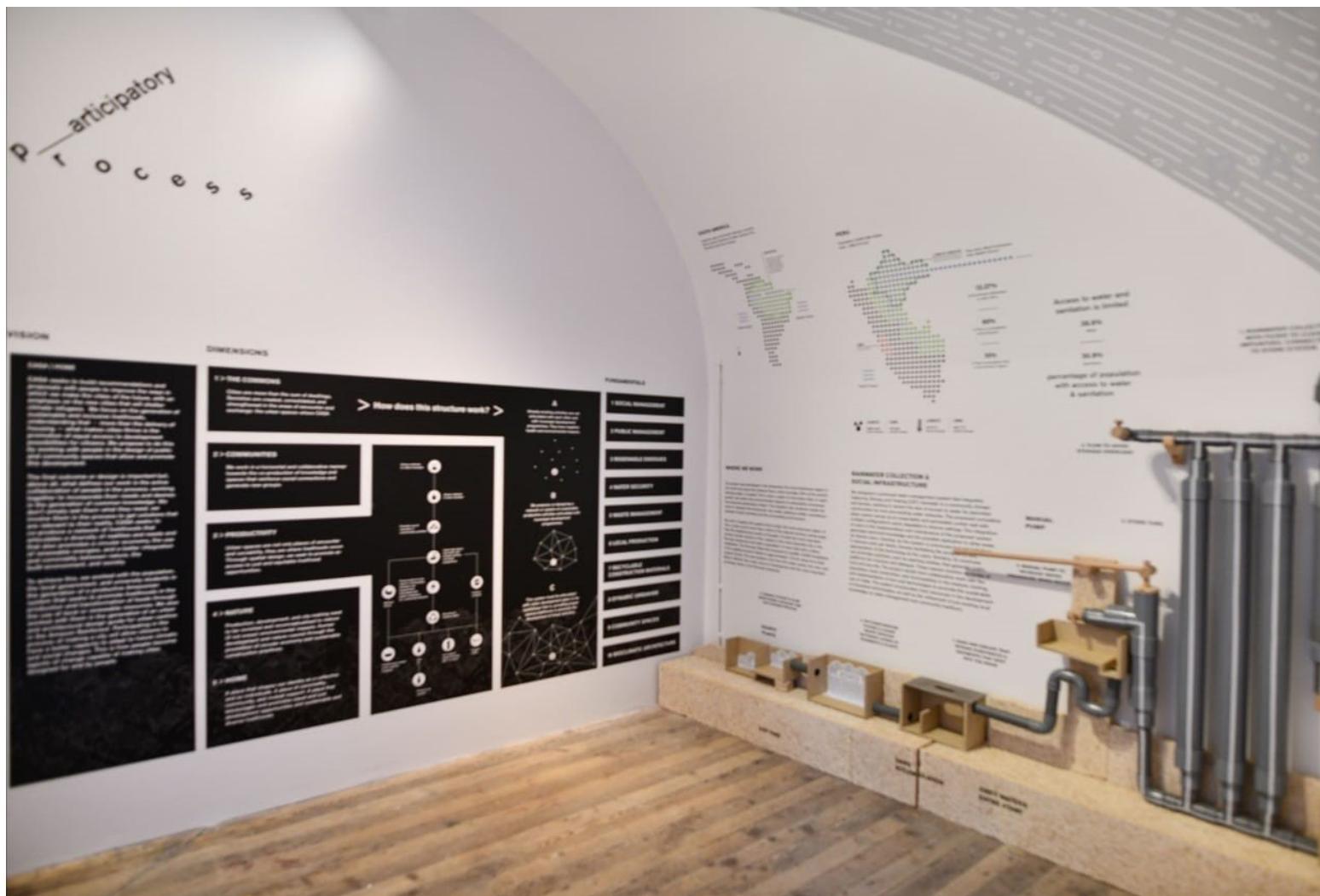
Museólogos:
Arq. Luisa Yupa
Arq. Joso Villanueva

Consultores:

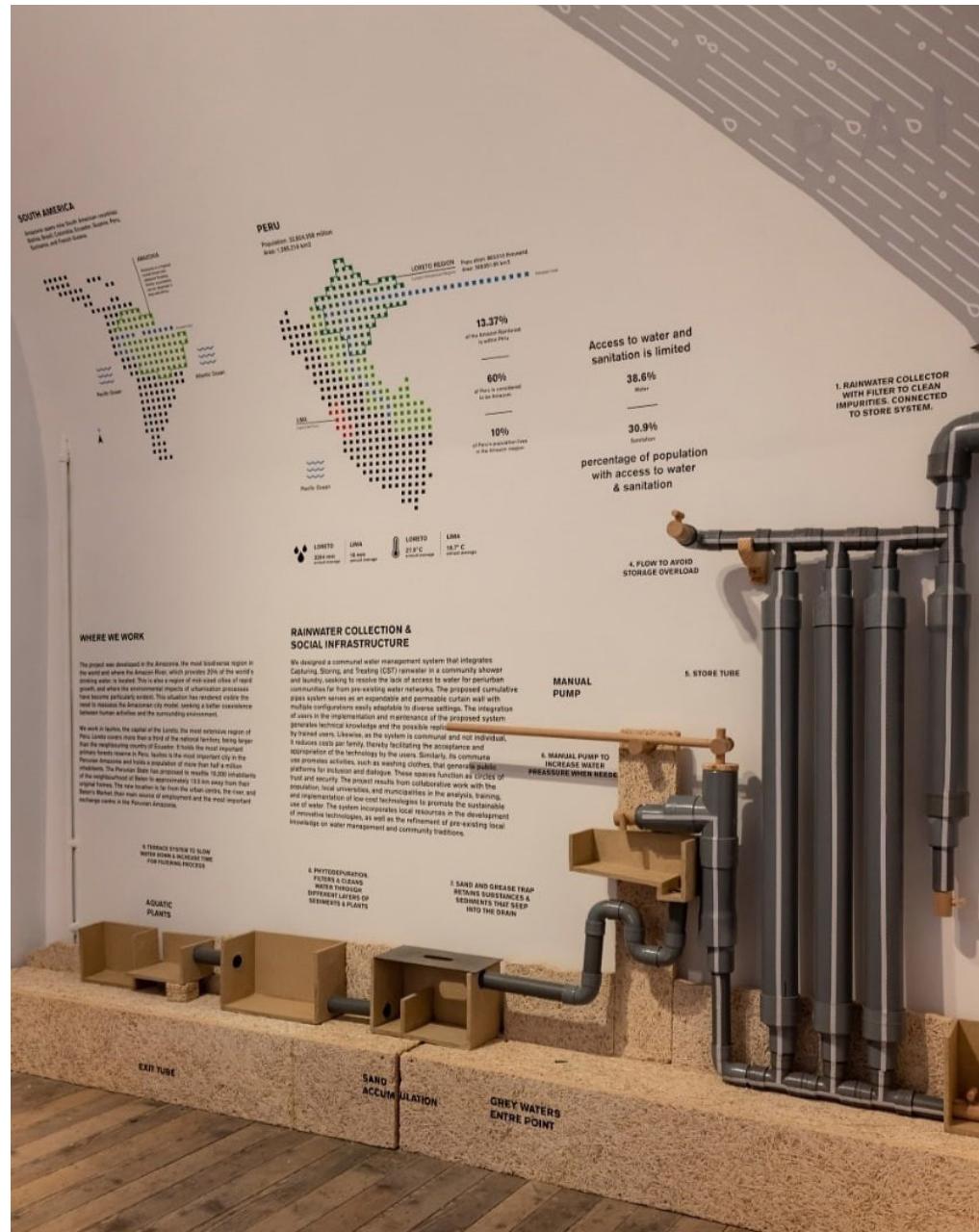
Nombre del Departamento/Ministerio:
Centro Investigación de Arquitectura y la
Ciudad (CIAC) de la Pontificia Universidad Católica del
Perú (PUCP)

Presupuesto aprox.:

Ubicación:
European Cultural Centre, Palazzo Mora, Strada Nuova
#3659, 30121 Venezia, Italy

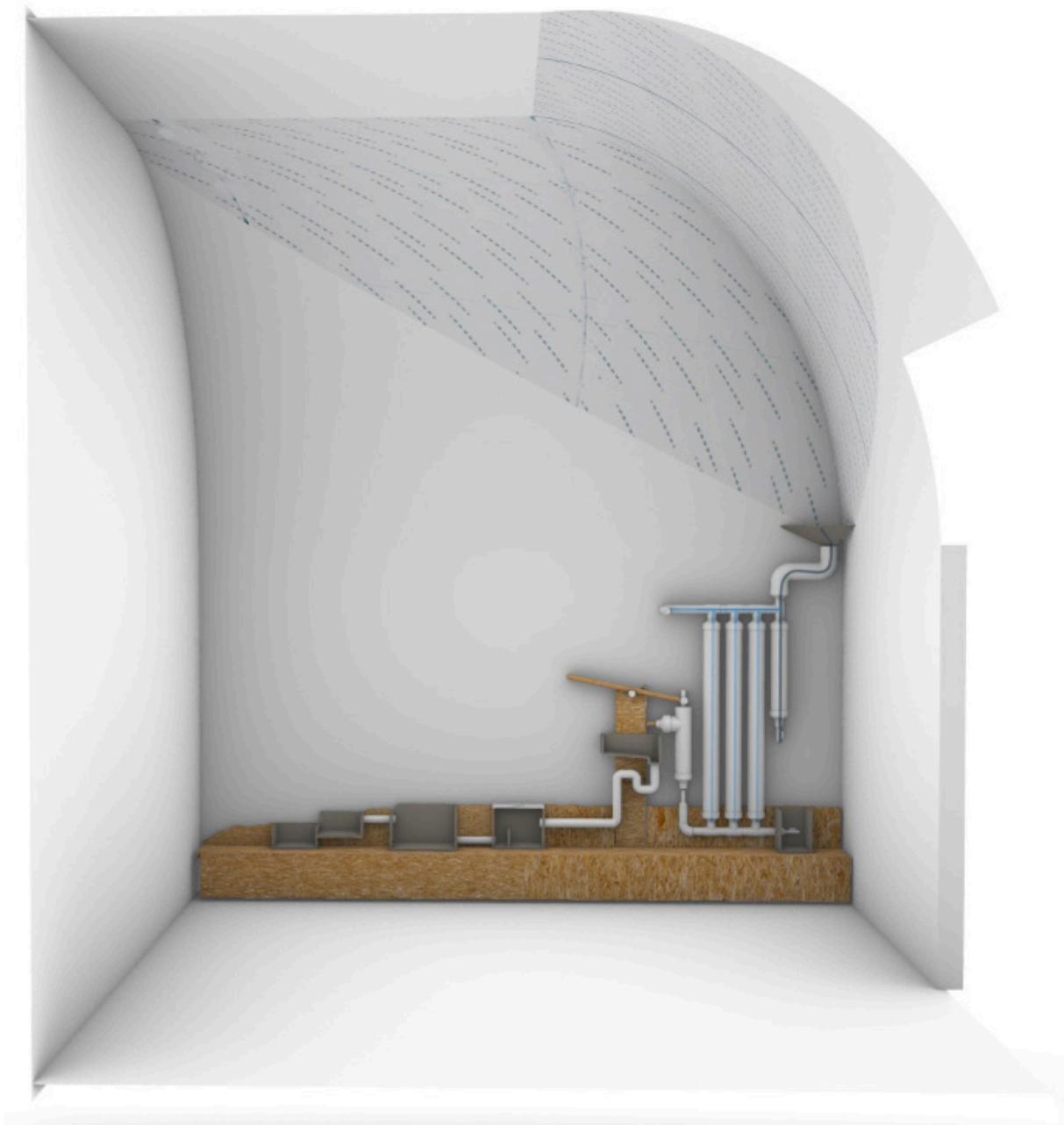


DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ

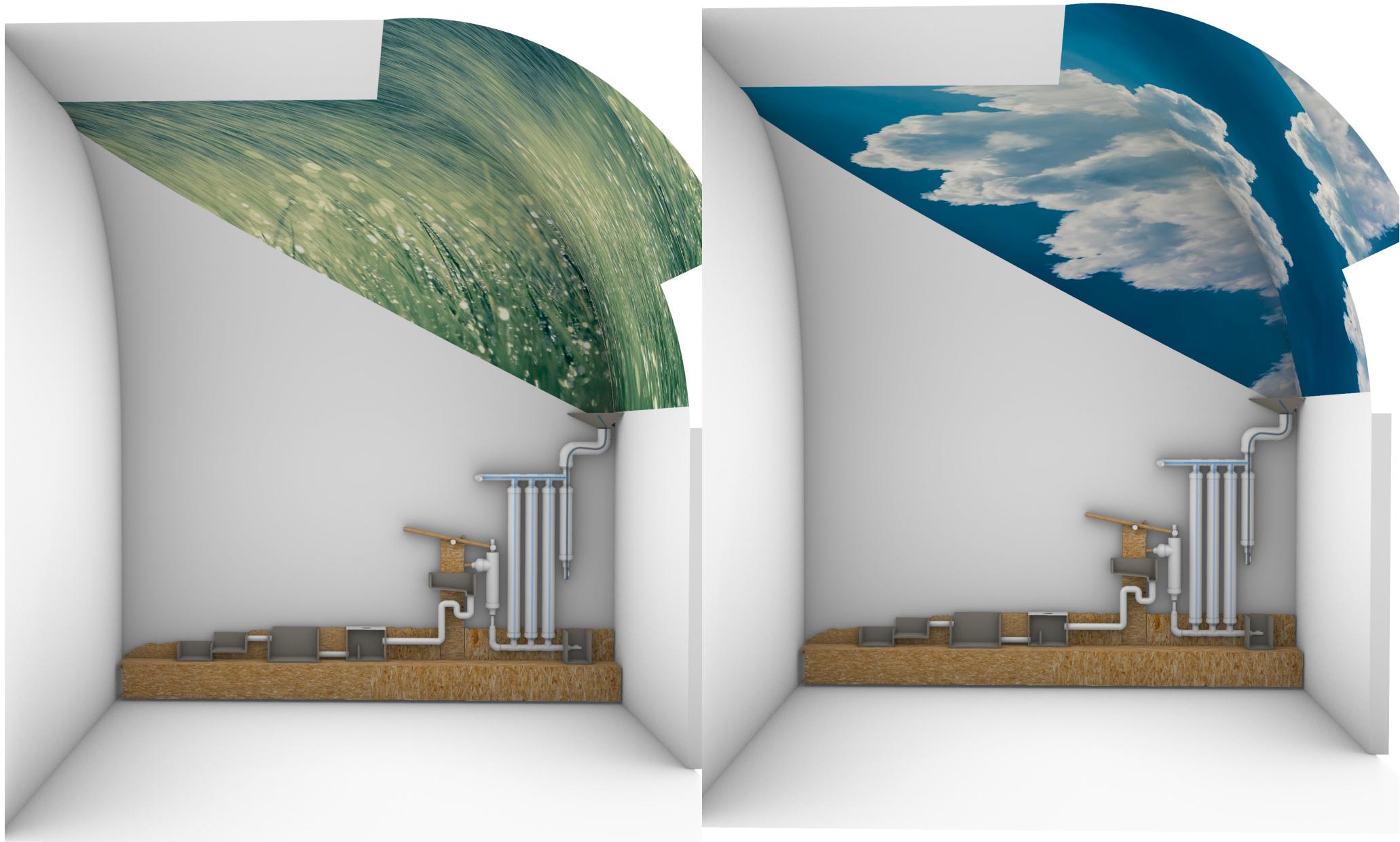


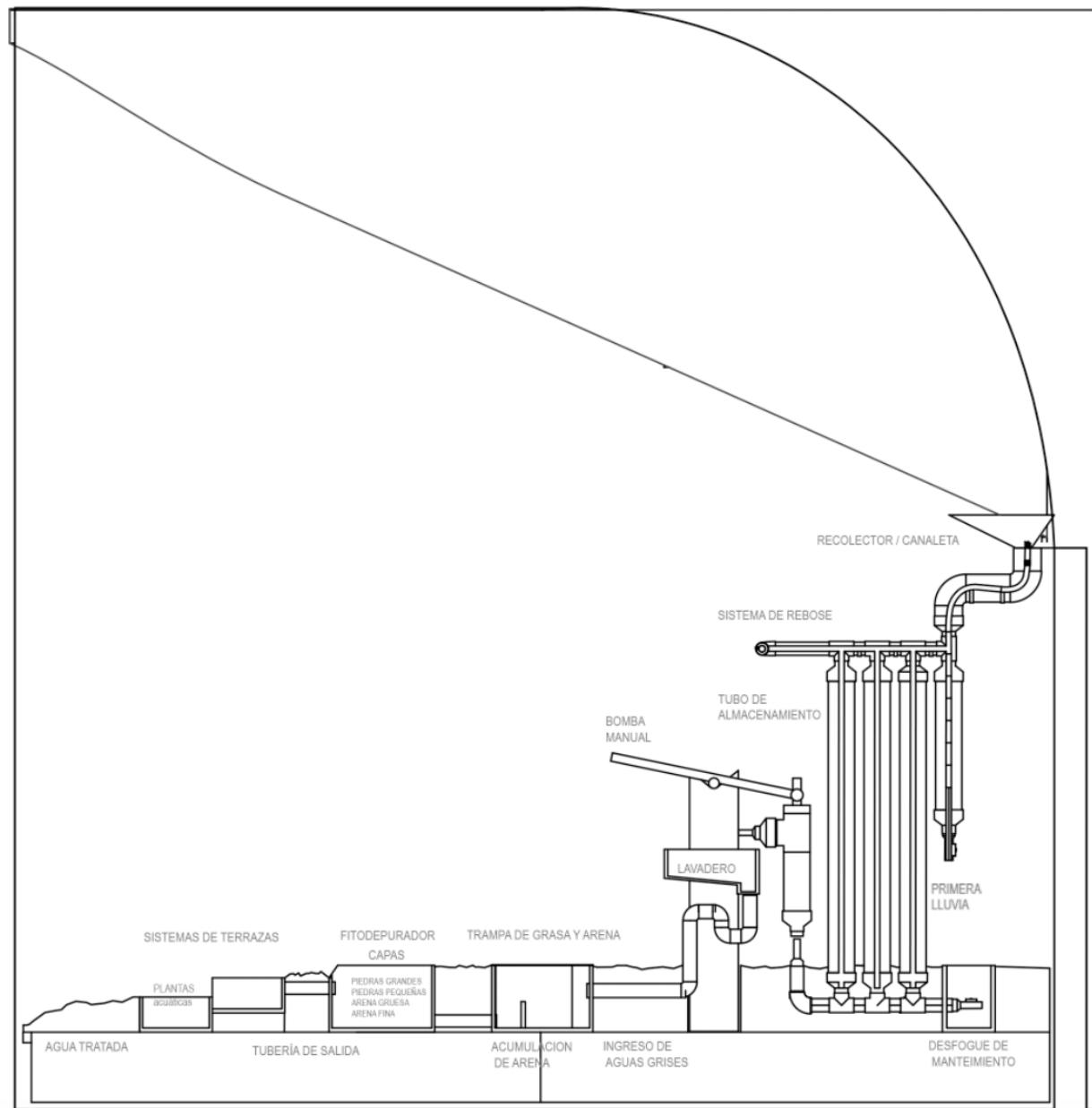


DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ

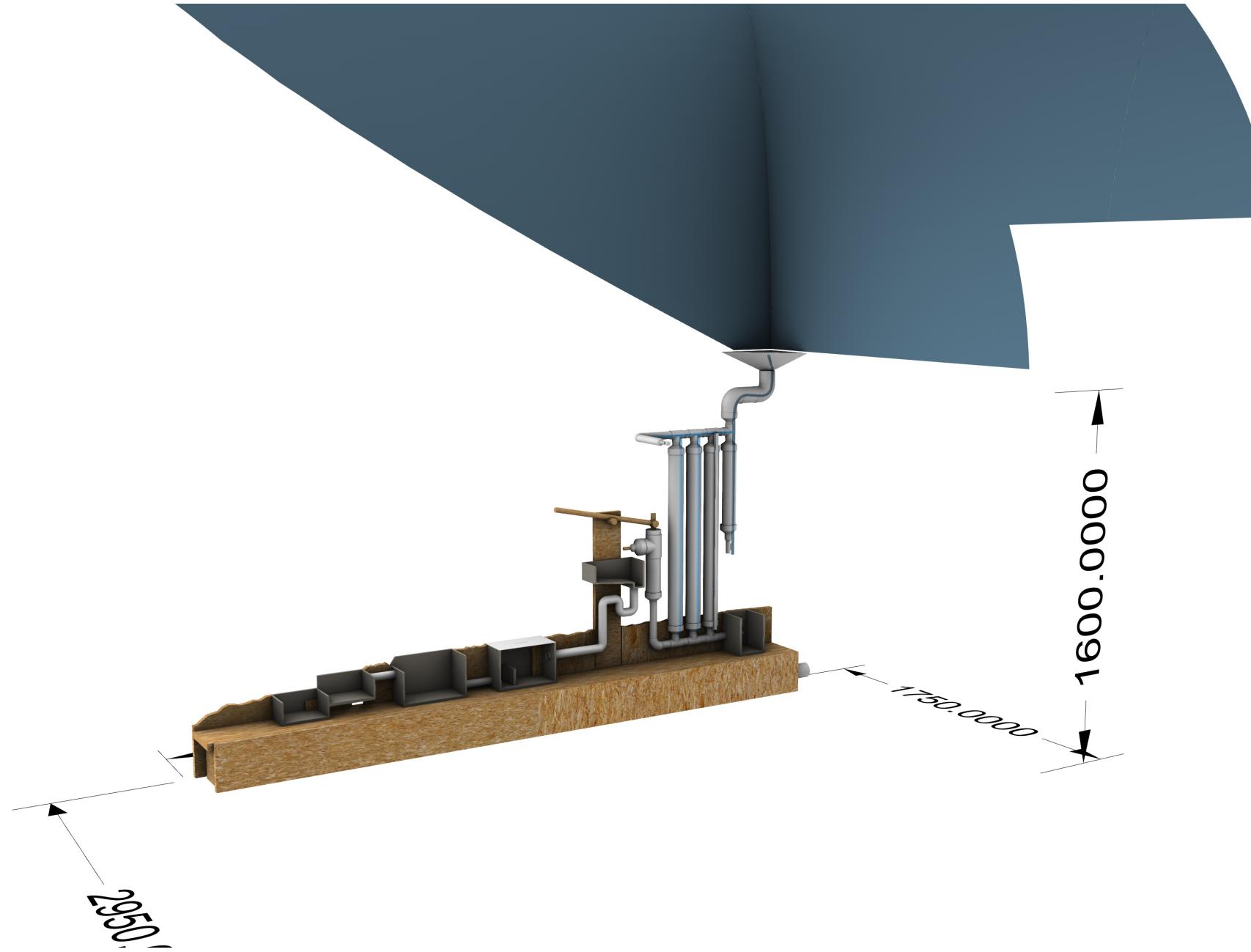


DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ

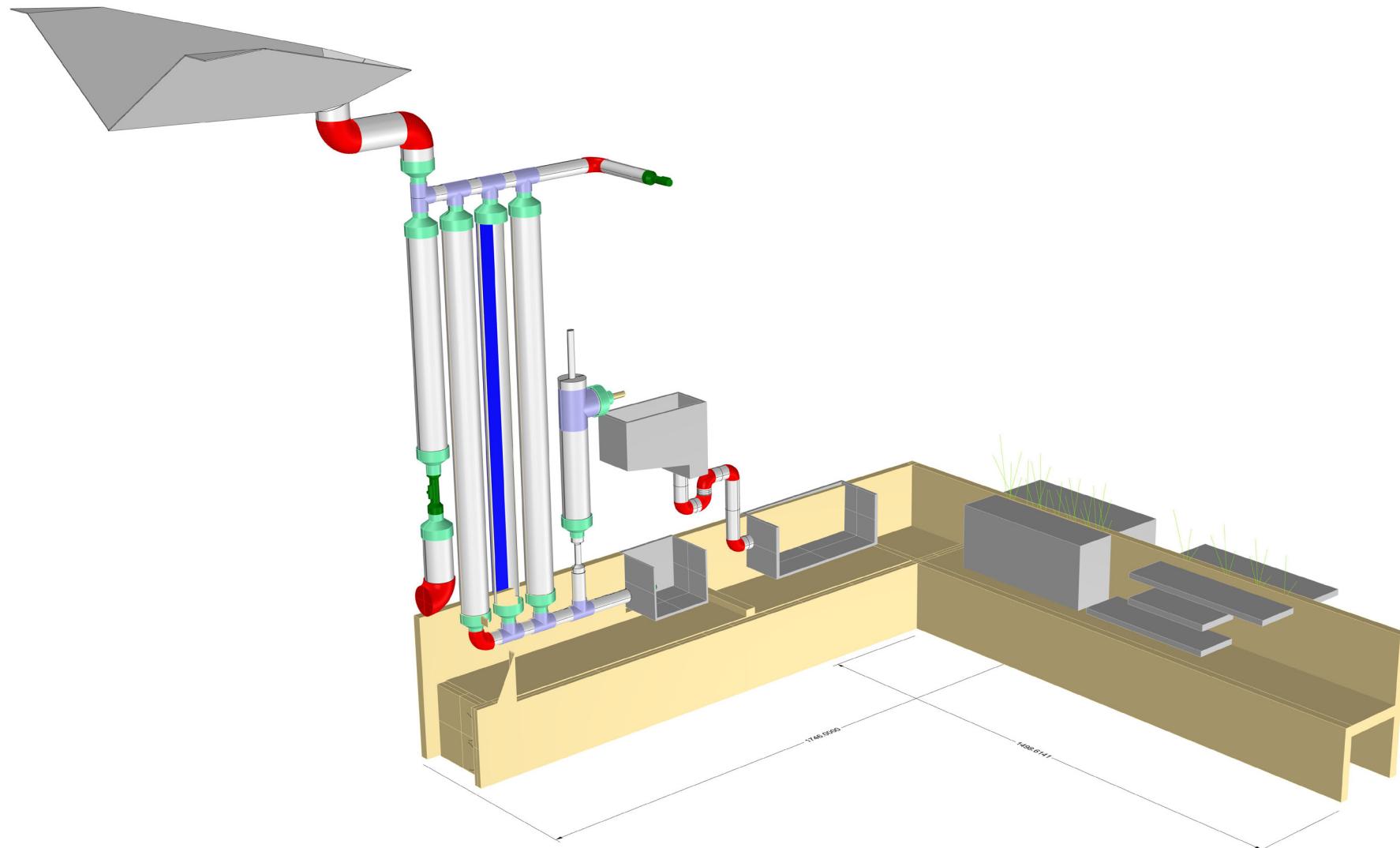




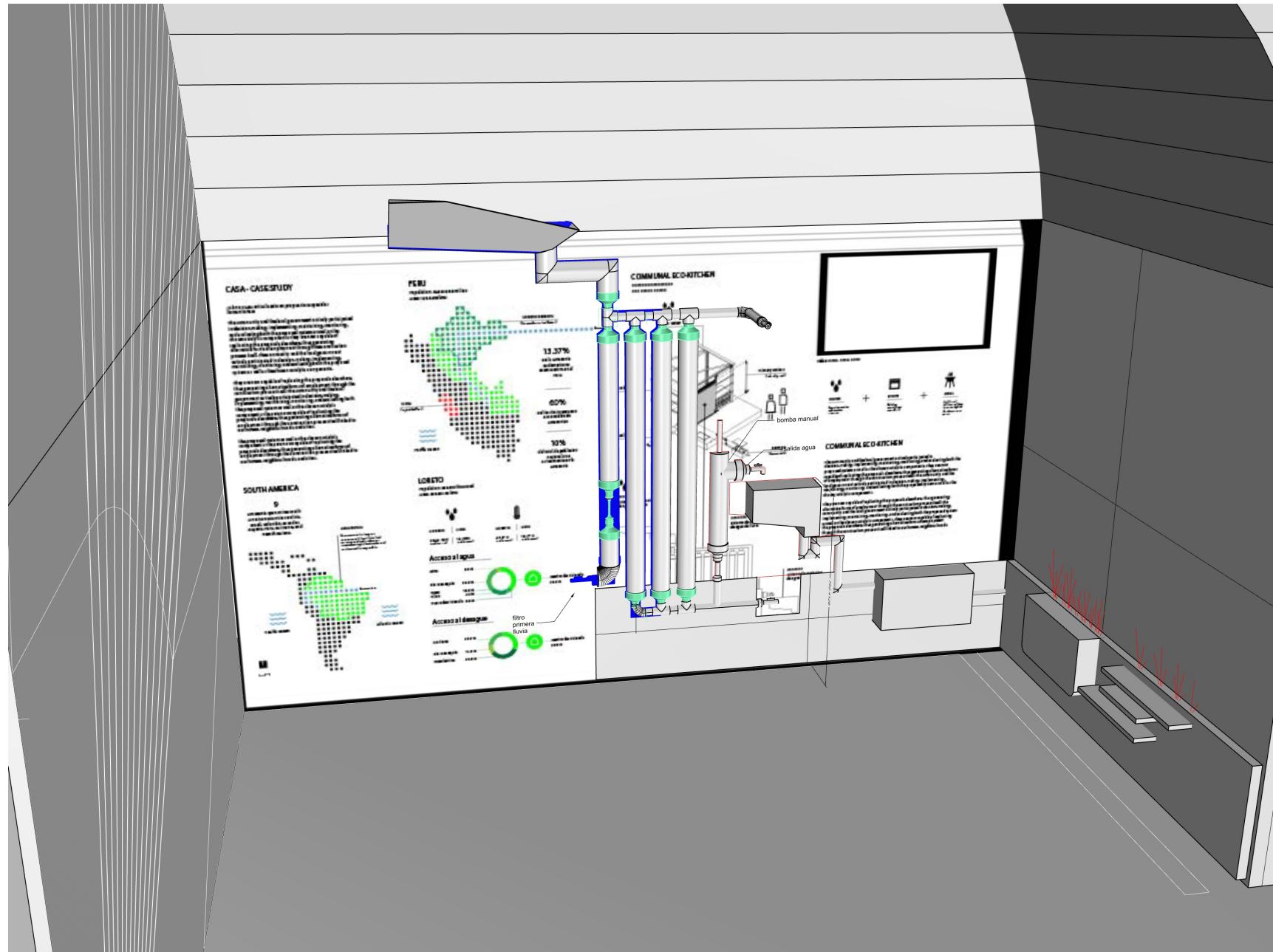
DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



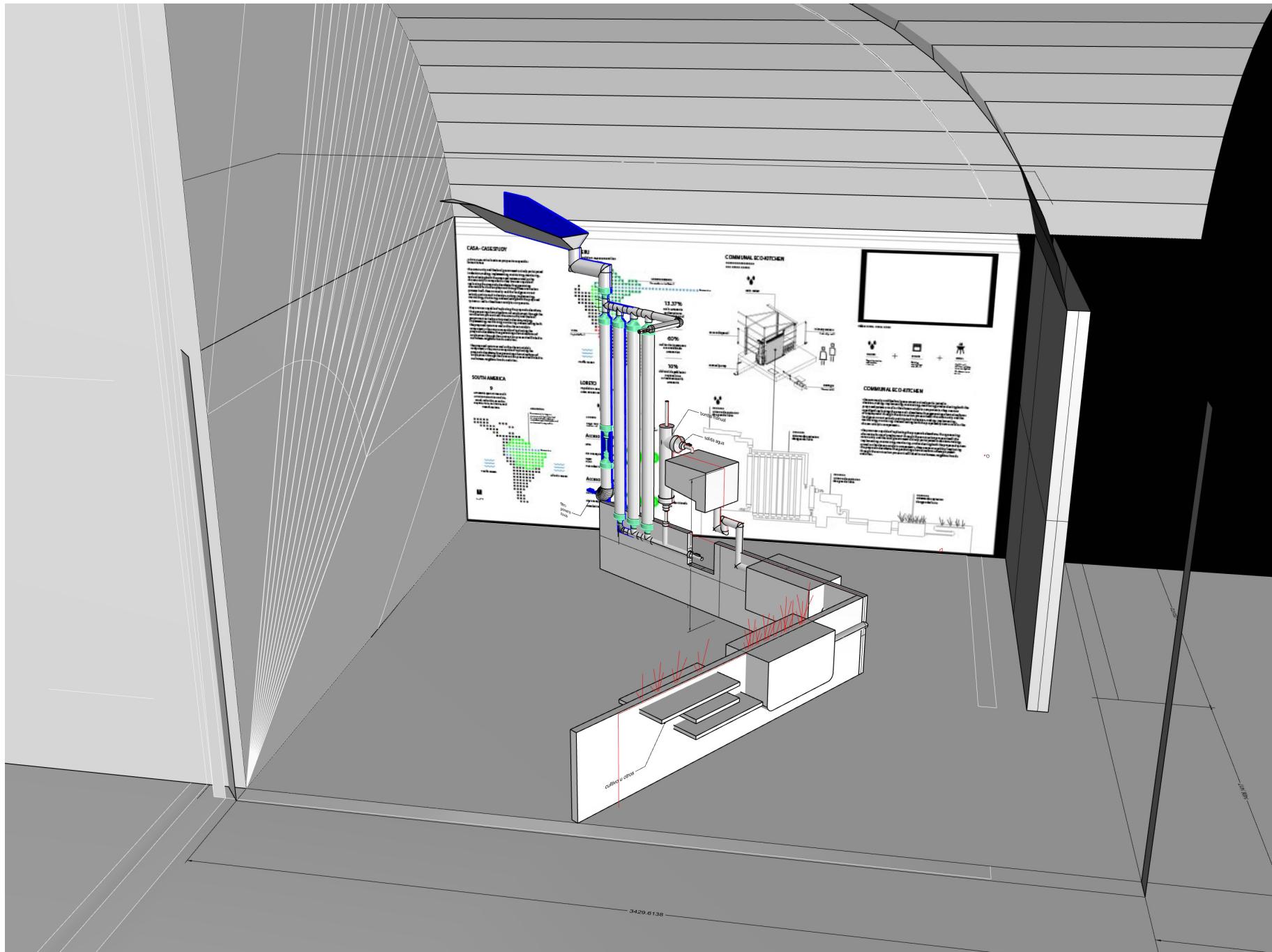
DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



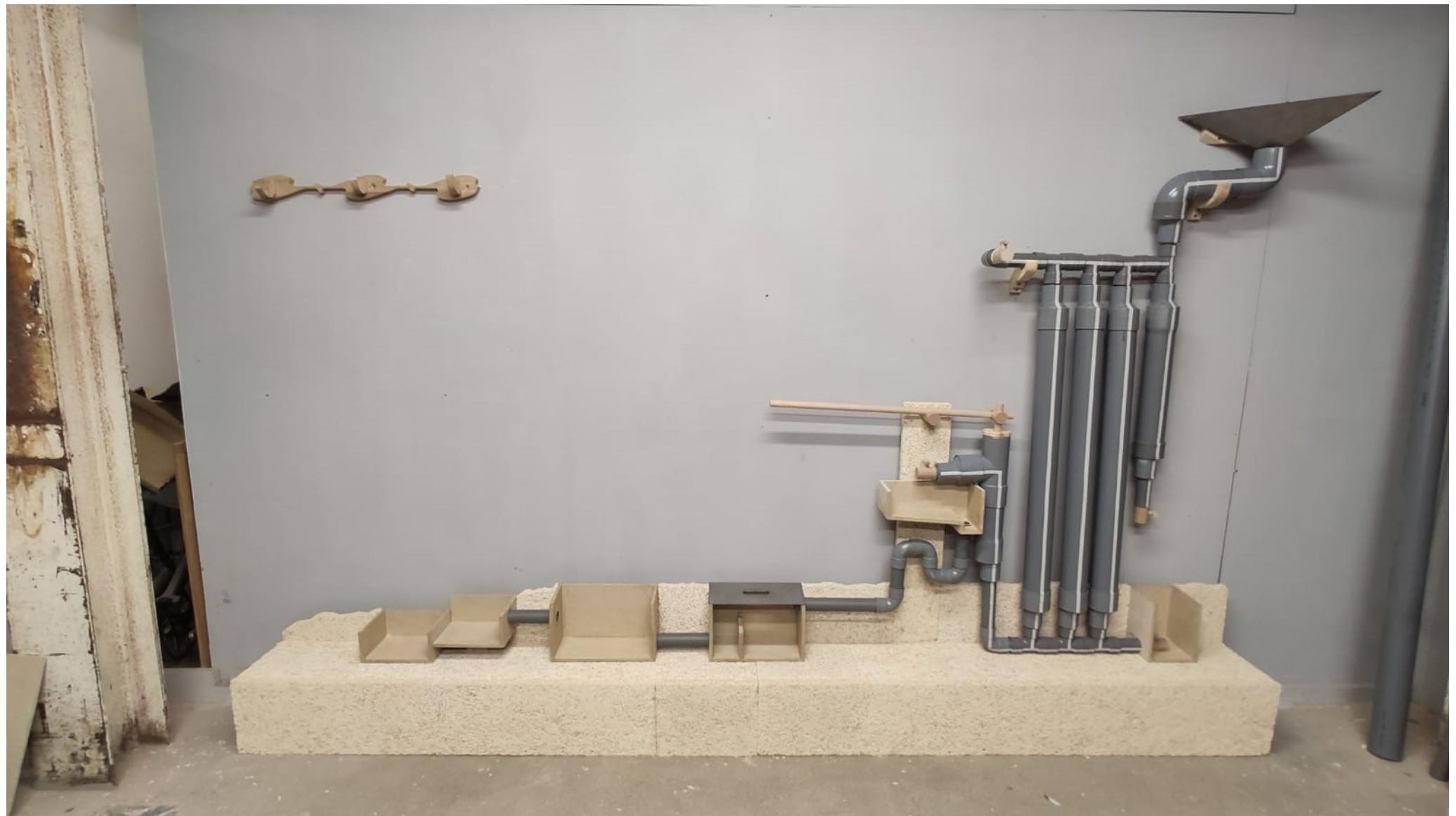
DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



Ciudades auto-sostenibles amazónicas

HOME
Self-Sustainable Amazonian cities

Bélen Desmaison, New cities for climate refugees. TEDxTukuy 2018.

GLOBAL ENVIRONMENTAL RISK UNDER CLIMATE CHANGE

Risk of floods Risk of droughts

Climate change will bring about increased flooding and droughts. Sea levels are projected to rise by 1-2 meters. Sea levels are projected to rise at least 30cms (one foot) even if greenhouse gas emissions follow a relatively low pathway in coming decades.*

Human settlements of all scales and sizes will be increasingly vulnerable to climate change. How to adapt to this increased pace and strength of change? Will your home be affected?

*Source: climate.gov

Urban population over 10 million at flood risk by the 2050s
source: C4D cities

Photo: Neighbourhood of Belén, Iquitos, Loreto, Peru

20cm

participatory

processes

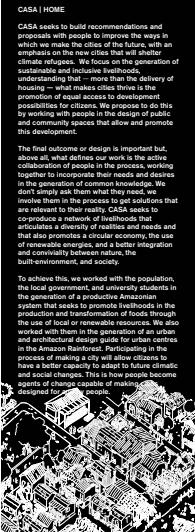
VISION

CASA | HOME

CASA seeks to build recommendations and proposals with people to improve the ways in which we make the cities of the future, with an emphasis on the Amazonian region as a climate refuge. We focus on the generation of sustainable urban models based on an understanding that – more than the delivery of housing – what makes cities thrive is the participation of citizens in the development possibilities for citizens. We propose to do this by working with people in the design of public and common spaces that allow and promote this development.

The final outcome or design is important but, above all, what defines our work is the active collaboration between citizens and government, bringing together to incorporate their needs and desires in the generation of common knowledge. We do this through a process of co-production that involves them in the process to get solutions that are sustainable and that allow them to co-produce a network of livelihoods that articulates a diversity of realities and needs and that allows for a better living, the use of renewable energies, and a better integration and connectivity between nature, the built environment, and society.

To achieve this, we worked with the population, the local government, and university students in the generation of a productive Amazonian system that includes the production and transformation of foods through the use of local or renewable resources. We also worked with the Ministry of Culture to generate an architectural design guide for urban centres that can be used as a reference for the process of making a city will allow citizens to have a better capacity to adapt to future climatic and social changes, and to become agents of change capable of making cities designed for the people.



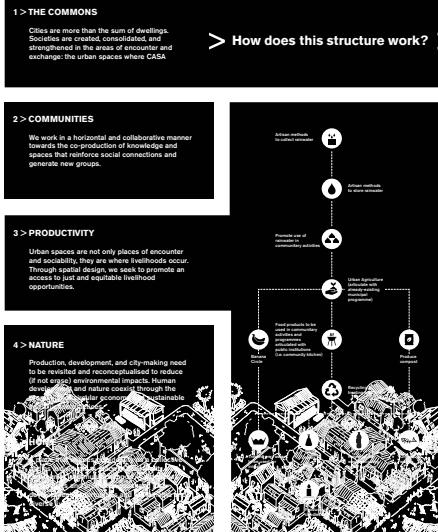
DIMENSIONS

1 > THE COMMONS
Cities are more than the sum of dwellings. Socially created, consolidated, and strengthened in the areas of encounter and exchange: the urban spaces where CASA

2 > COMMUNITIES
We work in a horizontal and collaborative manner towards the co-production of knowledge and spaces that reinforce social connections and generate new groups.

3 > PRODUCTIVITY
Urban spaces are not only places of encounter and sociability, they are where livelihoods occur. Through spatial design, we seek to promote an access to just and equitable livelihood opportunities.

4 > NATURE
Production, development, and city-making need to be revisited and reconceptualized to reduce (if not erased) environmental impacts. Human development must be sustainable, the use of natural resources must be sustainable (or community-owned).

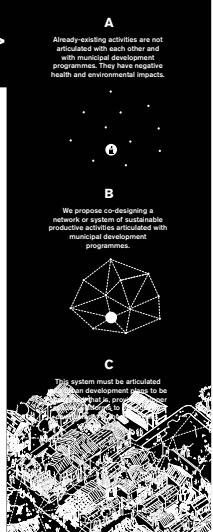


> How does this structure work? >

A
Already-existing activities are not articulated with each other and with municipal development processes, which have negative health and environmental impacts.

B
We propose redesigning a network or system of sustainable productive activities articulated with municipal development processes.

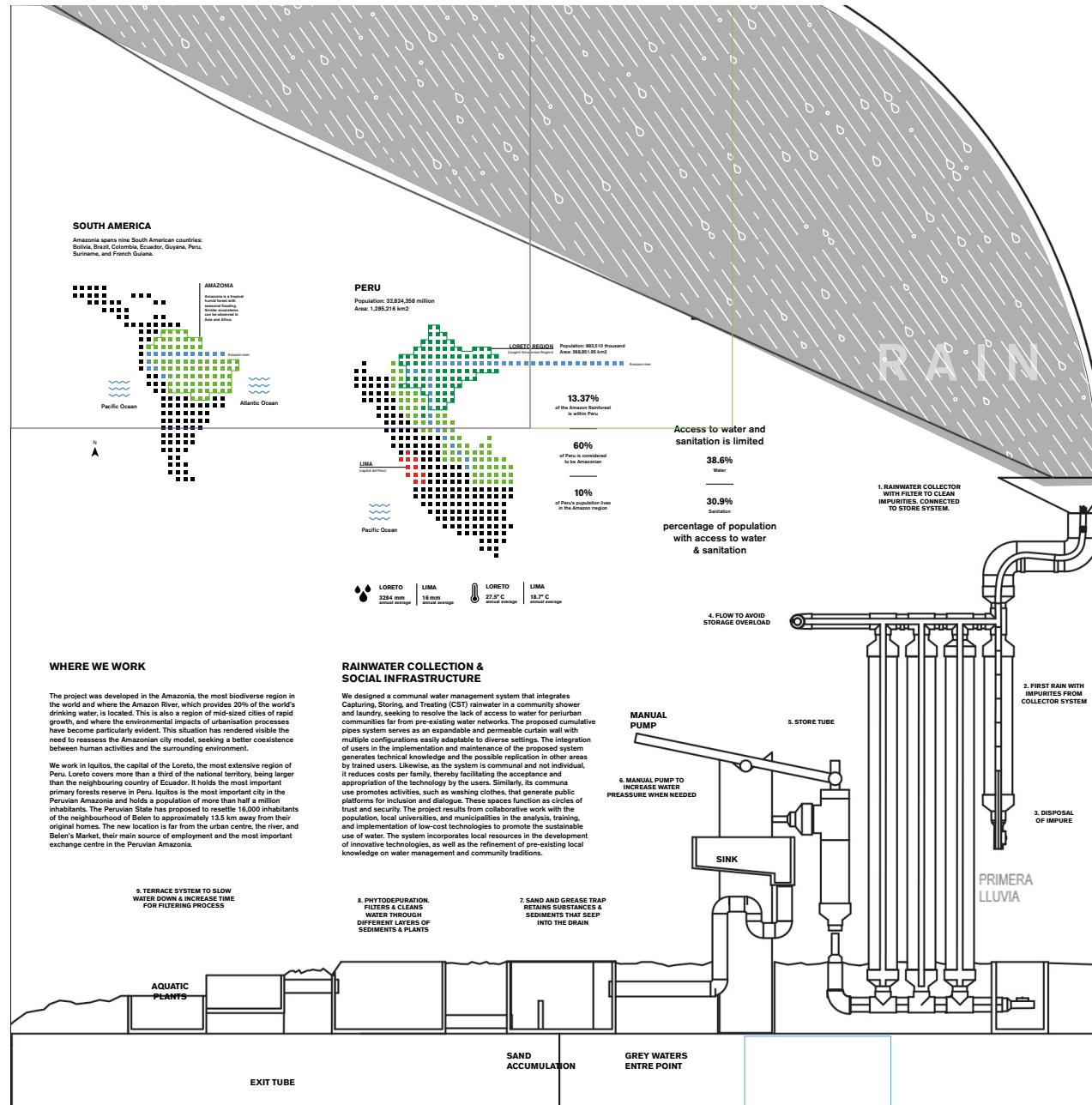
C
The system must be articulated with the urban environment to be sustainable.



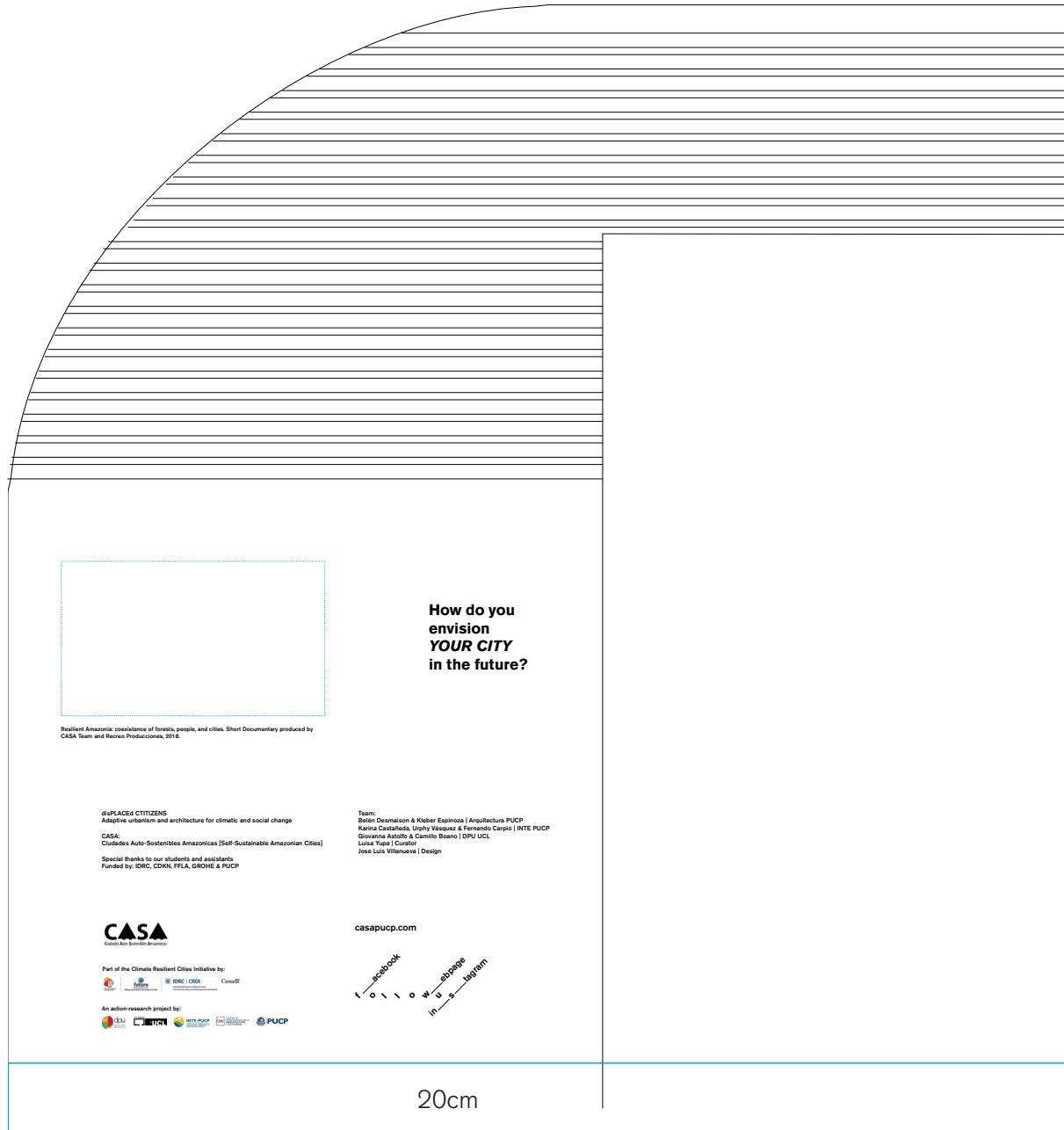
20cm

FUNDAMENTALS

- 1 SOCIAL MANAGEMENT**
- 2 PUBLIC MANAGEMENT**
- 3 RENEWABLE ENERGIES**
- 4 WATER SECURITY**
- 5 WASTE MANAGEMENT**
- 6 LOCAL PRODUCTION**
- 7 RECYCLABLE CONSTRUCTION MATERIALS**



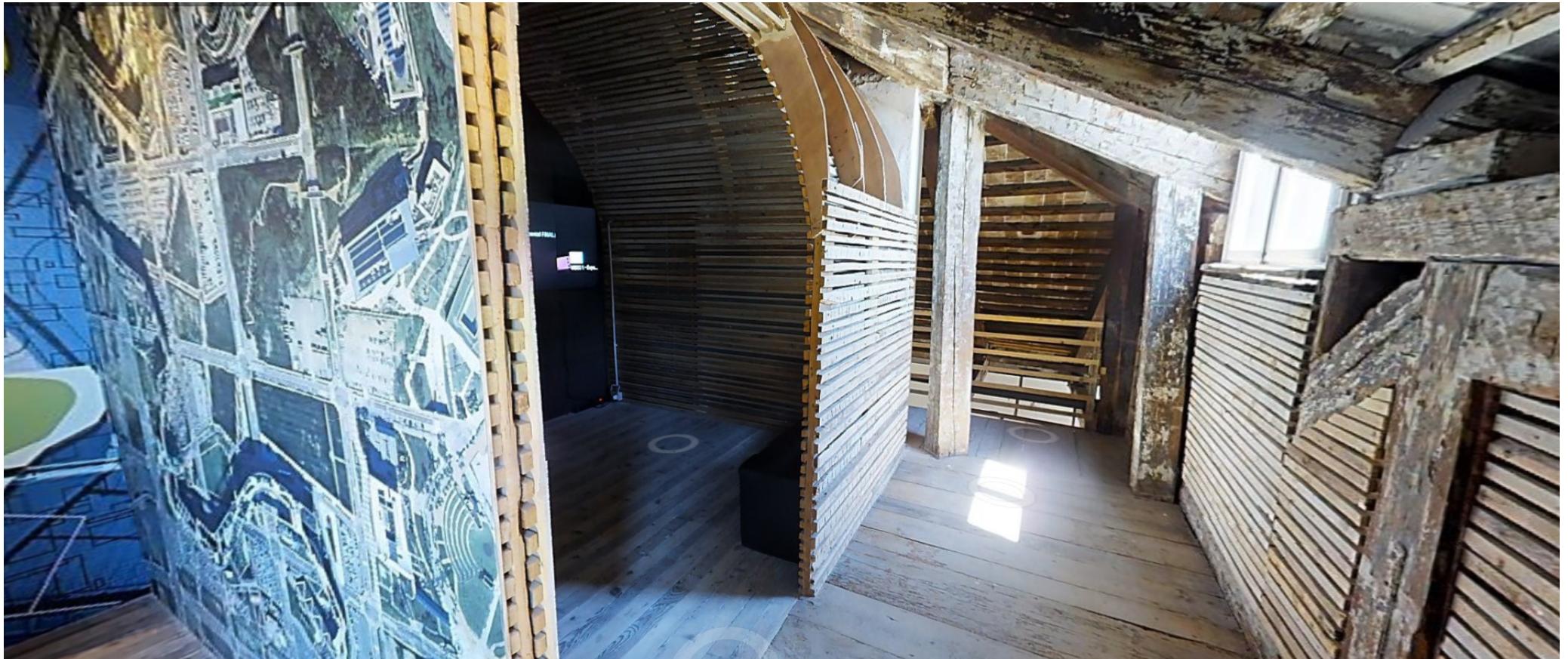
DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021 APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ

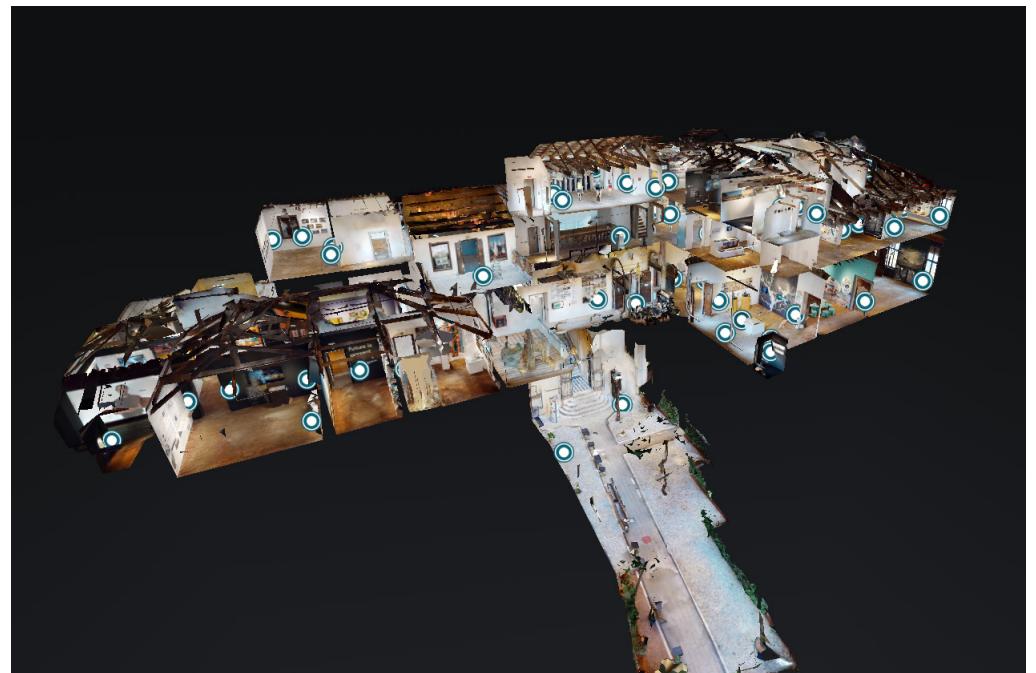
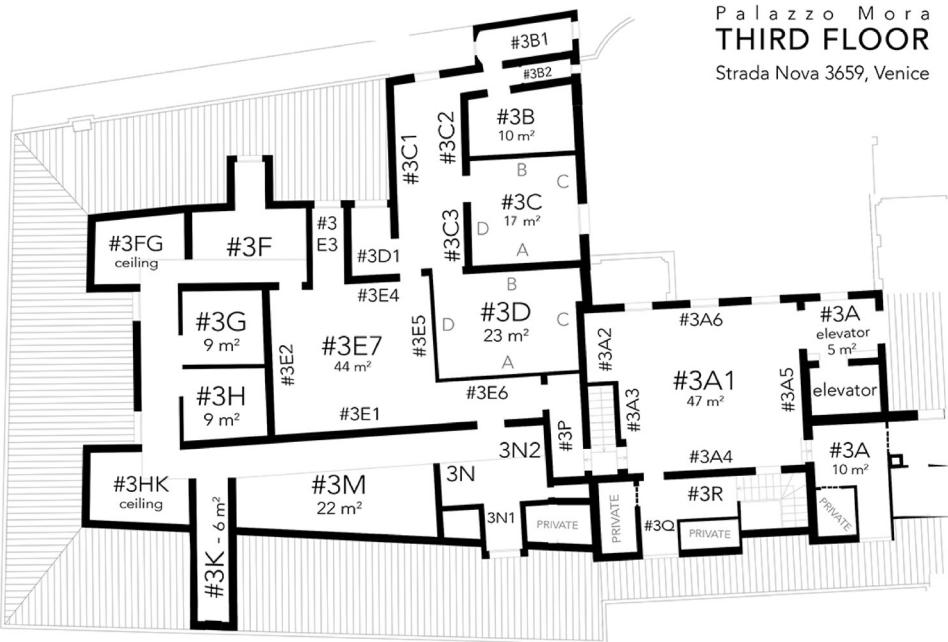


DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021

APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ



DISEÑO Y FABRICACIÓN DE DEL PABELLÓN DE PERÚ BIENAL 2021
APROVECHAMIENTO Y RECICLADO DEL AGUA DE LLUVIA EN LA SELVA DE PERÚ

TIME SPACE

EXISTENCE

VENICE 2021
ARCHITECTURE
BIENNIAL

PALAZZO MORA
PALAZZO BEMBO
GIARDINI MARINARESSA
FROM MAY 22 TO
NOVEMBER 21



EXHIBITION PROJECT BY
EUROPEAN CULTURAL CENTRE ITALY

