MEDWAYCAP

MEDWAYCAP
TRAVELING EXHIBITION

GENERAL DESCRIPTION AND GUIDELINES
FOR THE EXHIBITION SETTING

SENZA STUDIO

svi.med.
centro euromediterraneo
per lo sviluppo sostenibile onlus

INDEX

INTRODUCING MEDWAYCAP

Climate change impacts on water resources!

European and Mediterranean entities joined in responding to this challenge, while writing together the first chapter of a new pathway – MEDWAYCAP!

The project will strongly contribute to local water shortage mitigation by supplying concrete solutions for the use of Non-Conventional Water Resources (NCWR).

Harmonizing existing measures and integrating tools, partners make solutions more accessible, simplifying the transferability, thus enhancing their value and impact. MEDWAYCAP challenge owners are regulatory and planning authorities, scientific community, as well as economic and technical operators around the Mediterranean. They are the co-writer and co-protagonist of this process, facilitated by MEDWAYCAP's tailored and innovative methodology.

The MEDWAYCAP project faces those challenging issues and addresses final beneficiaries, thus contributing to the UfM – Union for the Mediterranean - Water Agenda.

Our Goals are our mission.

Expanding and consolidating the knowledge framework on NCWR management, by identifying and harmonizing best practices, key results, and lessons learnt in the Mediterranean while promoting benchmarking and access to capitalization.

Strengthening the value and impact of NCWR management solutions through effective policies and tailored financing programs.

Valuing challenge owners to jointly make the difference at Mediterranean level addressing water scarcity, social and environmental challenges, promoting green economy and a long-term endogenous economic growth.

MEDWAYCAP Exhibition ambition.

Be creative! This is the objective beyond the objective!

While informing and raising awareness, engaging and inspiring the visitors during a travel discovering the existing technical solutions for treating, reusing, valorising waste water and in general Non-Conventional Water Resources (NCWR).

CONTACT PERSON

SVI.MED – EuroMediterranean Center for the Sustainable Development
Barbara Sarnari – email: b.sarnari@svimed.eu

AN EXHIBITION OVERVIEW

WHAT the Medwaycap travelling exhibition is.

Medwaycap is a travelling exhibition **designed to travel** and be hosted in partner countries.
The core of the exhibition is a collection of proposals on the management of '**Non Conventional Water Resources**', i.e. case studies and methodologies with a focus on the reuse of treated wastewater.
The hosted proposals are illustrated through mock-ups and scale models, some supplied by the partners and some created ad hoc, through audio-visual content, printed information material and through a collection of posters.
The aim is to inform and raise the awareness of visitors also through their active involvement.
The exhibition is organised according to **five categories**: Info, Media, Models, Senses and Stories, for a total of six exhibition modules supported by ten free-standing panels. The five categories are characterised by colours and symbols that make them immediately distinguishable and recognisable.
Panels and modules are contained within **six wooden boxes**, designed to be easy to assemble and disassemble and suitable for transport.
The wooden boxes when closed, with the provided sturdy straps, become the containers for all the elements that make up the exhibition, ready for shipment. When open, they are an essential part of the exhibition modules, the main element of recognition and the support surface for scale models and information material. Modules and panels can be **arranged within the exhibition space** according to certain predefined configurations or according to the needs of the host.
Some modules house audio-video and interactive devices.
The wooden boxes are flanked by **display panels**, also made of wood, which house posters and audio-visual devices. The panels are of two types, **integrated and free-standing**. The integrated ones are attached to the boxes, the free-standing ones, thanks to their base, can be placed freely in the space or, alternatively, can be hung on the walls. All display panels are contained within the boxes.

WHY this exhibition.

The main objective is to facilitate the access and promotion of **good practices** in unconventional ways, taking care of the visitor experience, to make them enjoyable and to enhance their educational value. Setting up the exhibition is an opportunity to disseminate its contents, for **networking**, for **promoting synergies and collaborations**.

WHO it is designed for.

The exhibition is designed to be **easily accessible and enjoyable**, regardless of age and the geographical and cultural framework in which it will be displayed.
The focus on mainly visual communication helps to overcome any language barriers.
The accessibility of content is enhanced by offering **multimedia content** and interactive and sensory experiences that, in addition to sight, involve hearing, touch and, if desired, taste.
The exhibition can be **customised** by the host partner, integrating content and services, such as **workshops and educational activities**, involving and highlighting local resources and communities.
The exhibition also includes **a carpet and a series of stools** to facilitate moments of sociability and leisure.

WHERE it will be exhibited

It is a travelling exhibition **designed to be displayed in different partner countries**. It can be shipped from one country to another and those who welcome it will be able to assemble and disassemble it easily thanks to the accompanying video instructions.
If interested in hosting the exhibition, please get in touch with the project coordinator.

EXHIBITION MODULES AND DISPLAY PANELS

The exhibition consists of **six modules** and **ten 'self-supporting' exhibition display panels** that can be freely placed in the space. In addition there are eight stools and a circular rug to set up relaxation or socialising areas.

The heart of each module is a wooden box labelled with a **different colour and icon** according to the category to which it belongs (Info, Media, Models or Senses).

Once closed, the boxes work as transport containers and store all the components of the exhibition, including the display panels, stools, information materials and models. They are closed with ratchet straps. A **QR code is engraved on each closing panel** to access **video instructions** for assembly.

The boxes are made of solid wood treated with natural paints. The edges and corners are reinforced with steel sheet corners to better withstand transport. The feet are made of chestnut wood and are designed to allow manoeuvrability with a trans-pallet.

Once the box has been opened, the lid will be turned upside down and serve as the main support surface for the single module.

Each individual module will be equipped with a series of **specific accessories and devices** as explained in detail in the following sheets.

The display panels contain the **exhibition posters** on both the front and the back.

The **printed posters are in english**.

The posters text translation in other languages is available on the exhibition web site.

They are also made of wood and are of two types, integrated and free-standing. The integrated panels are attached to the boxes by means of very conspicuous bolts, the free-standing ones are equipped with two slip-proof bases that are attached to the underside of the panel.

All panels have two holes at the top for **hanging them on a wall**.

A description of the six categories and individual modules is given below.

INFO: 1 MODULE
A place for welcoming and to gather informations about the exhibition and its partners. A collection of general informative material. A panel to collect feedbacks and stories.

MEDIA: 1 MODULE
Two integrated audio-video devices and one free-standing monitor. To collect and stream best practices videos, educational contents, customized contents.

MODELS: 3 MODULES
Prototypes and scale models of best practices, case studies and methodologies. Supplemented by integrated panels with explanatory A1 posters.

SENSES: 1 MODULE
A spot to relax, for immersive and sensorial experiences. A small playground.
A spot to taste and share a cup of local tea or herbal infusion.

STORIES: 10 DISPLAY PANELS
Ten free-standing panels to host the A1 posters. For showing best practices, case studies and methodologies from the different partners.

INFO

The info module is designed to **welcome visitors** and provide them with the information they need to fully enjoy the exhibition and its contents.
On the front of the integrated panel is the poster presenting an introduction to the exhibition, on the back a space for leaving feedback.
Through a **QR code** it is possible to connect to an online platform to leave audio and video comments.
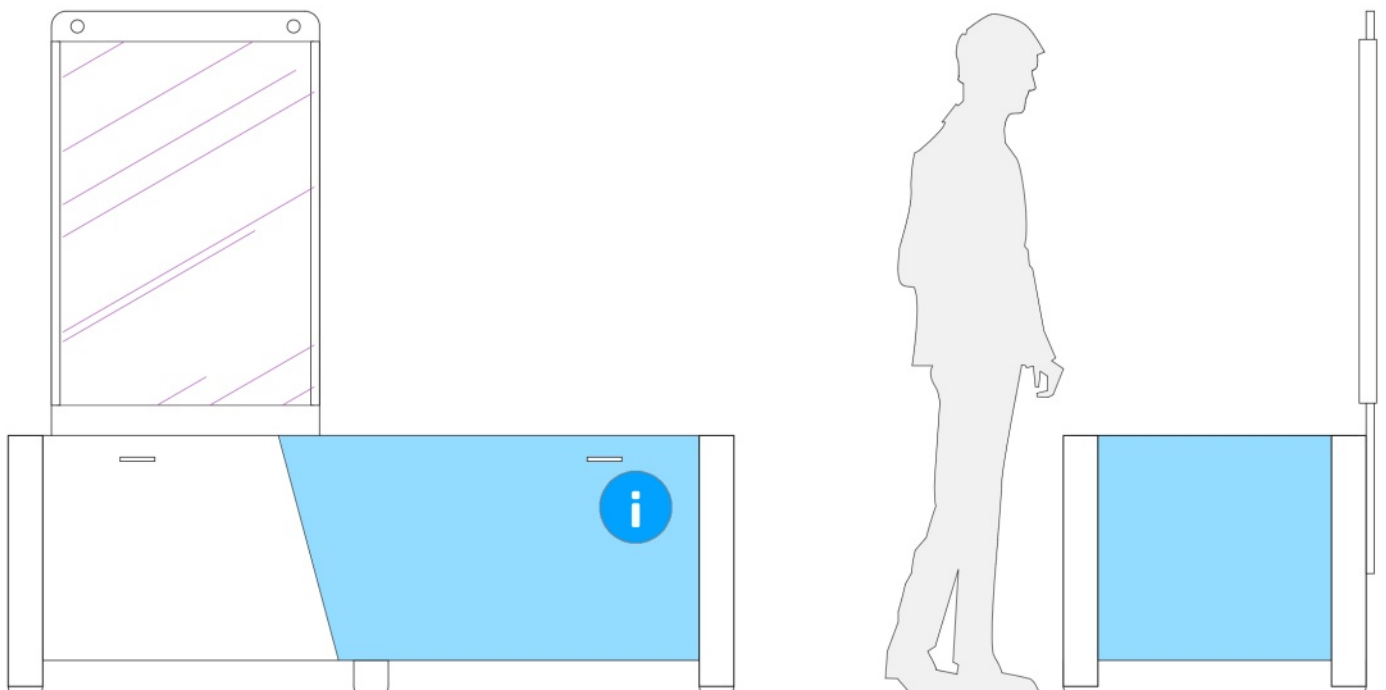On the shelf of the box you can leave **information material** about the projects and partners of the exhibition.
Some of the stools provided can be placed next to the box to invite people to stop and meet.
Blue is the colour for the module.

TOP VIEW

FRONT AND SIDE VIEW

MEDIA

The media module is responsible for conveying the **audio-visual content** provided by the partners via three devices, two digital frames and a monitor, supplied with the module.

The two frames are integrated into the panel and once started will display audio-video content pre-loaded on SD cards.

On the other hand, a USB stick is plugged into the monitor, which allows, in addition to pre-loaded content, the **upload of customised content** according to the partner's preferences.

Bottle green is the colour for the module.
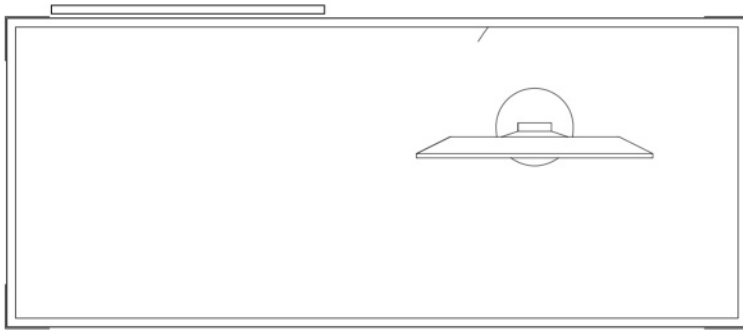
TOP VIEW
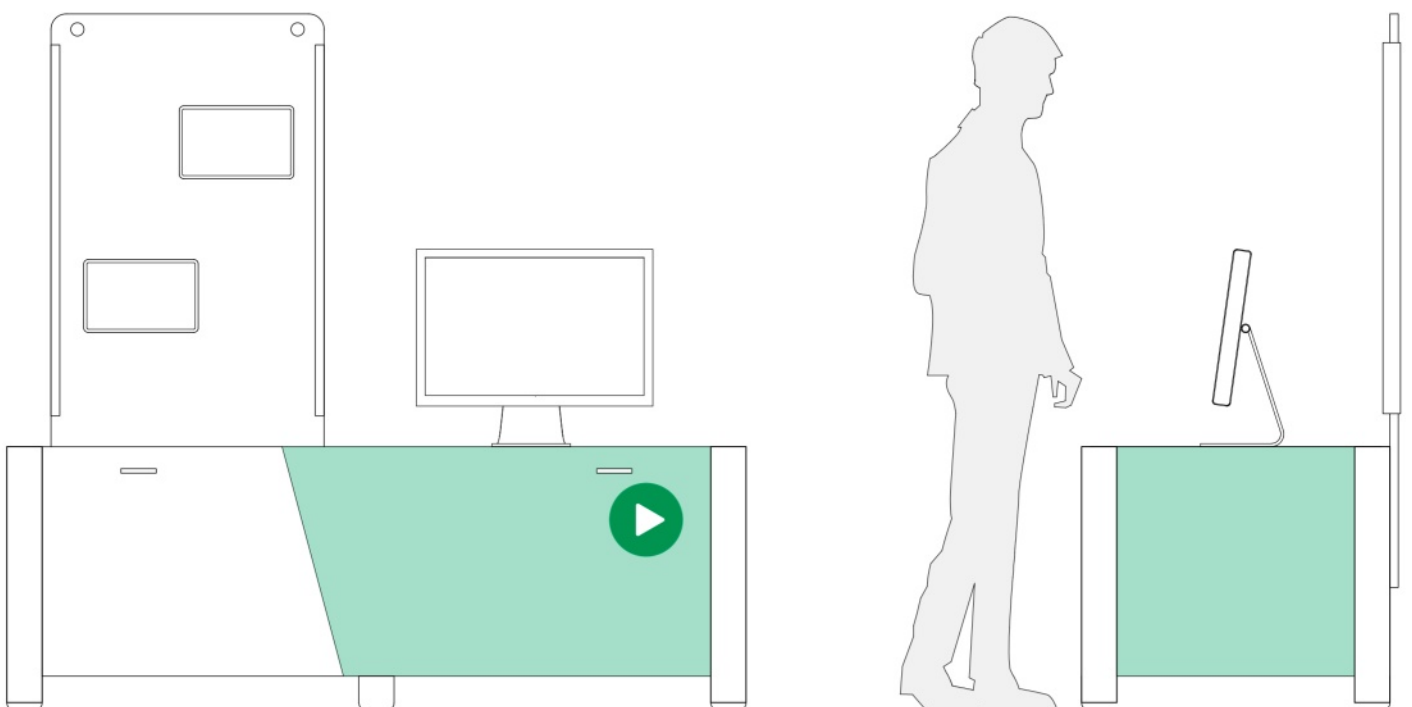
FRONT AND SIDE VIEW

MODELS

The three 'Models' modules house **physical models**, scale reproductions and models of some of the solutions proposed by three partners: Certh, Certe and Nawamed.
The panels integrated in the box contain additional scale models and dedicated posters explaining the proposed solutions.
Some of the models are **interactive** so that visitors can have an educational experience.
Coral red is the colour for the module.
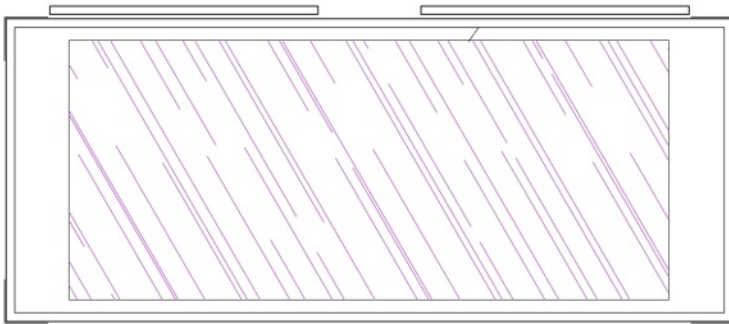
TOP VIEW
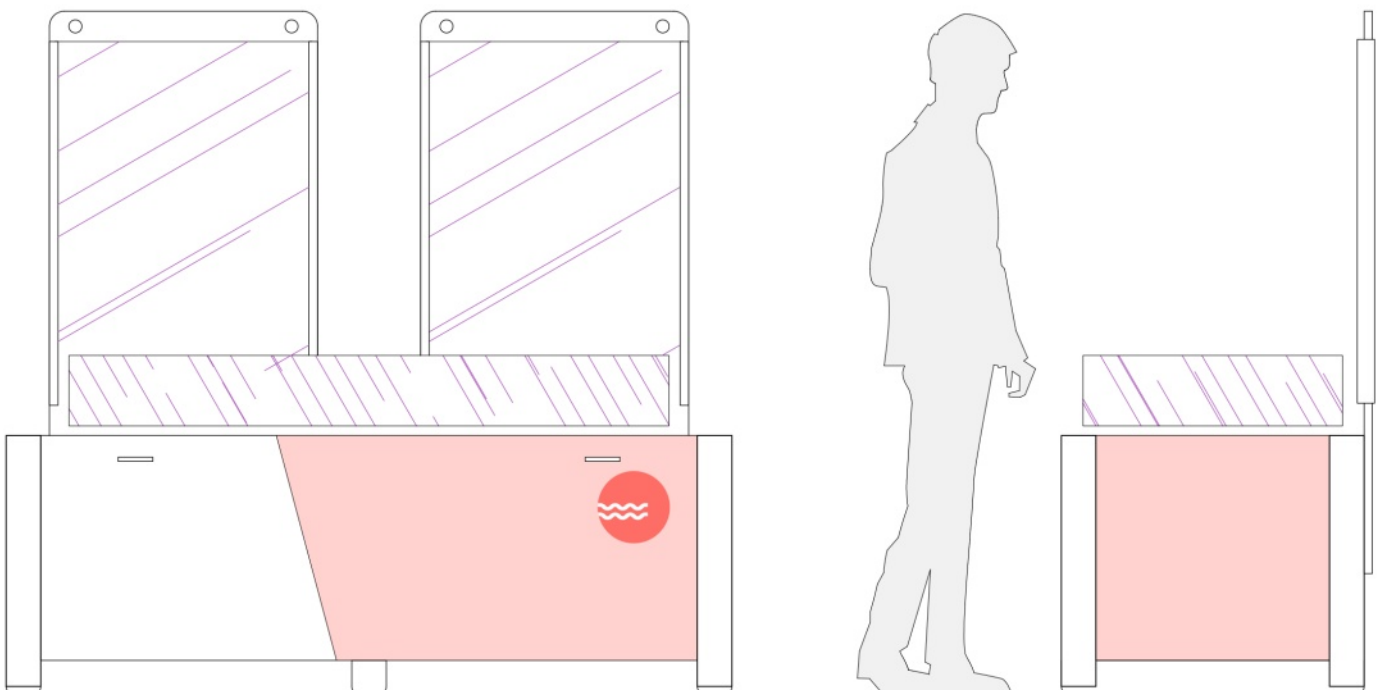
FRONT AND SIDE VIEW

SENSES

The Senses module, or the **sensory module**, is the module that experiences the connection between the visitor and the themes and values of the exhibition (water as a scarce and precious resource, water as a support for life) through **multi-sensory stimulation**. The module integrates a projector and an audio diffusion system that continuously broadcast water-related images and sounds.
On the shelf there are two large chestnut wood bowls to **caress**. The polished surface conveys the softness of water.
On contact with the hand, sounds and images change in response to hand movements.
A tea set can be placed on the yellow circle to add an **olfactory and taste experience** to be customised according to the host country.
The module also contains a seating kit and a carpet to set up a **small relaxing area or playground**.
Chrome yellow is the colour for the module.
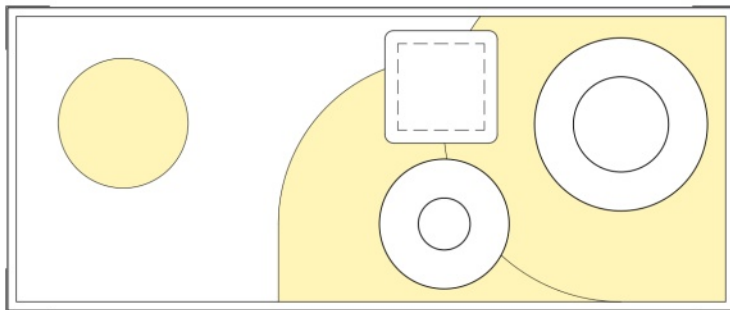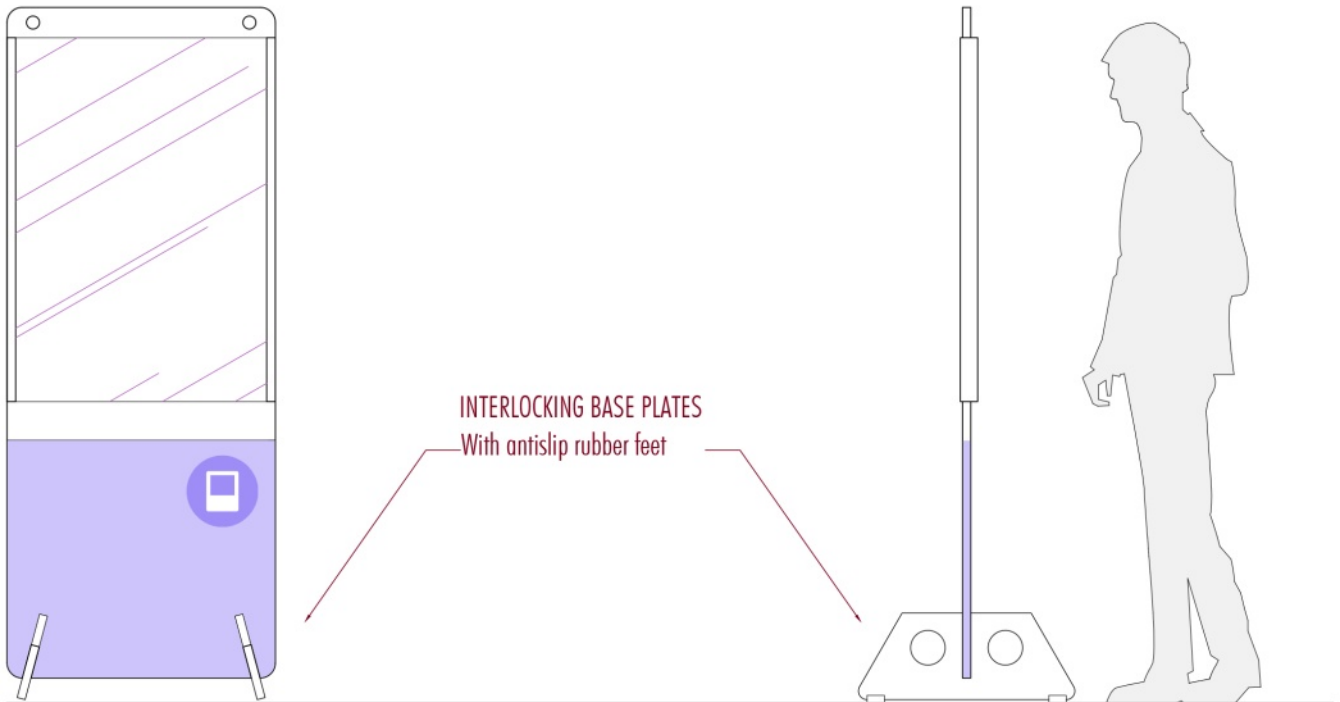
TOP VIEW
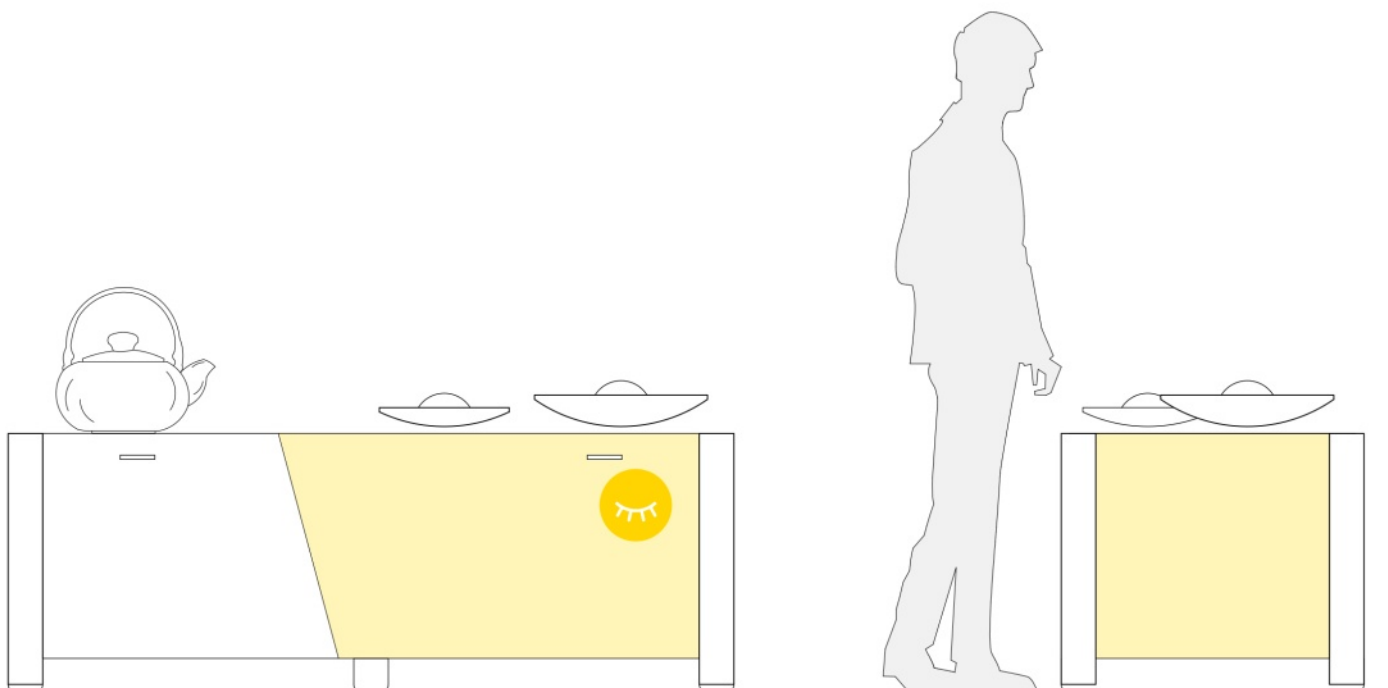
FRONT AND SIDE VIEW

STORIES

The fifteen panels, ten free-standing and five box-integrated, host the **A1 posters** with projects, case studies and proposals from the partners.
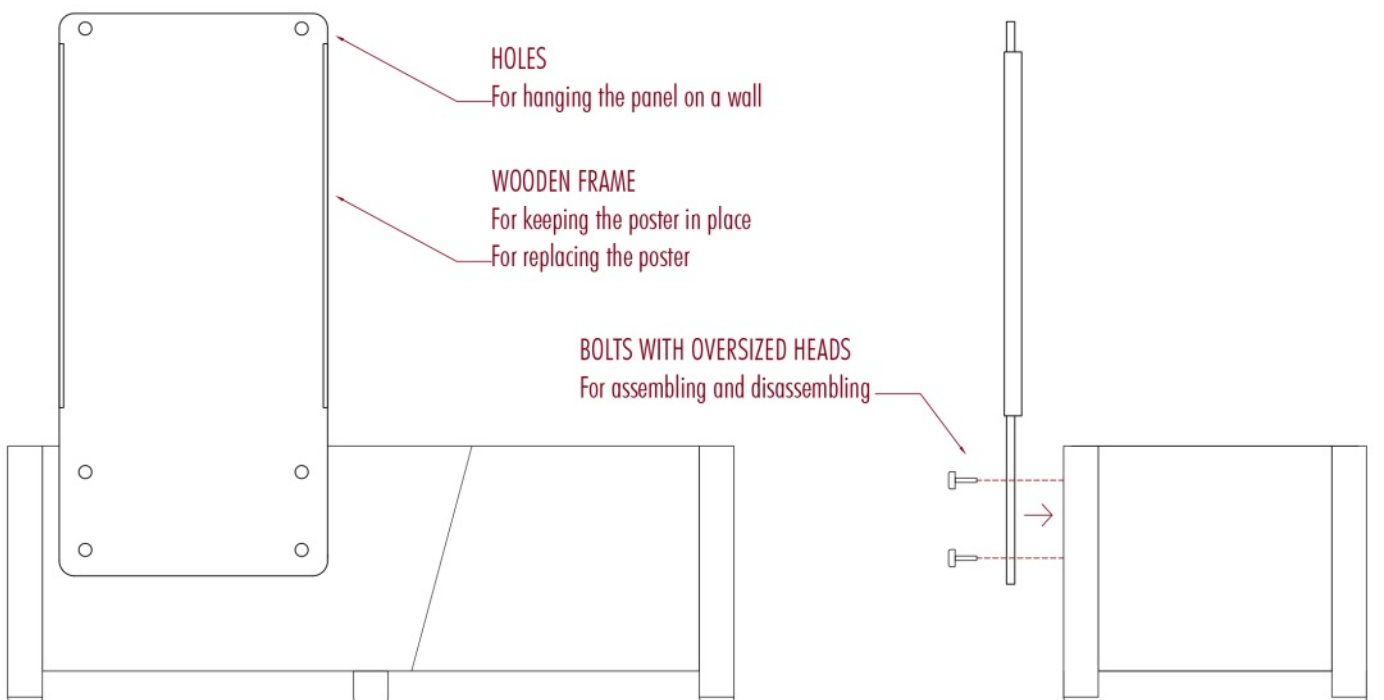
The integrated ones host posters related to the modules they are attached to.

The free-standing ones can be **freely displaced around** the room or **hanged on the walls** thanks to the two holes they are equipped with.

Violet is the colour for the free-standing panels.

INTERLOCKING BASE PLATES
With antislip rubber feet

THE FREE-STANDING PANEL: FRONT AND SIDE VIEW

HOLES
For hanging the panel on a wall

WOODEN FRAME
For keeping the poster in place
For replacing the poster

BOLTS WITH OVERSIZED HEADS
For assembling and disassembling

THE INTEGRATED PANEL:FRONT AND SIDE VIEW

GUIDELINES FOR THE EXHIBITION SETTING

In the following lines we will lead you, step by step, through the setting up of the exhibition. From the opening of the boxes to the placement of all the elements in the exhibition space available.

First step: positioning the six boxes
Before proceeding with the opening of the six boxes, we recommend placing them in the exhibition space according to the chosen configuration. We recommend placing the **Info and Media** modules near the entrance and placing them close together. The **Models modules** could be placed in sequence so that the different models can be compared.

The **Senses module**, on the other hand, we would recommend placing it at the end of the exhibition tour, possibly in a quiet area, where it is possible to project onto a wall and listen without too much ambient noise.

The **Media, Models and Senses** modules need to be close to a **power supply**.

As regards lighting, only good, even diffuse lighting is required.

Second step: opening the boxes
A **QR code** is engraved on the top panel of each box, which provides access to video instructions for assembling and disassembling the box.

To open the boxes, the **containment straps** must be removed by releasing the ratchet at the top. Once the straps have been removed, you can proceed to **lift the upper panel** using the handles provided and place it on the floor after turning it upside down. In fact, remember that this same panel will act as a support surface for the module.

Inside, depending on the box, you will find exhibition panels, stools, multimedia devices, scale models, information material and accessories.

Third step: setting up the individual modules
Once the boxes have been emptied, the storage materials and straps should be placed back inside. It may now be closed again by placing the removed panel upside down.

Each individual module should be set up according to the **attached instructions**. In some you will hang one or two integrated display panels, in others you will place the scale models on the shelf and activate the media devices.

Fourth step: placing the display panels
Once the six modules have been completed, the ten free-standing display panels, the **Stories**, are assembled by inserting the two interlocking bases at the bottom. Proceed with care to avoid breaking the interlocking. Once assembled, they can be placed inside the space. It is recommended to place them close together, even in groups, so that the visitor can navigate between the various experiences. Some also have **posters on the back**. Therefore, make sure that it is possible to walk around them and that the visitor is led to do so. It is advisable to leave at least 40 cm between one panel and another and a space of at least 150 cm in front of and behind each panel **to make it easier to use**.

Fifth step: setting up rest and relax areas
The last step consists of assembling the **stools** by fitting the two pieces of the base together and then the circular seat, which must then be secured with a bolt.

It is recommended to place some of the stools in the proximity of the **Info and Media** modules, or in groups to offer resting or socialising spots. The idea is that visitors then move them around as they please.

The **circular rug**, on the other hand, is suggested to be placed close to the **Senses** module, offering a **resting point or playground** for children.

At the **Senses** module it was envisaged a spot where **visitors would be offered a hot drink** selected by the host (infusion, tea, coffee).

This could be indicated at certain times of the day when the drink will be served at the module.
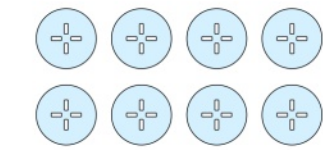
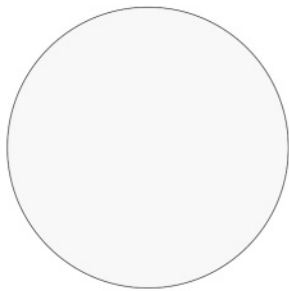In such a case, the teapot and cups or glasses for serving it would be placed on the module shelf.

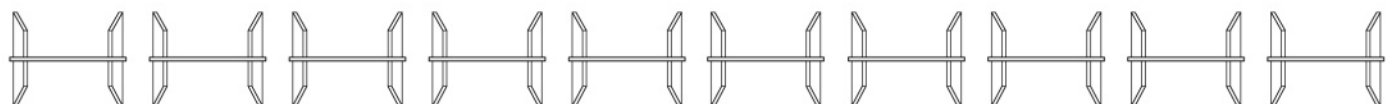# ALL THE EXHIBITION ELEMENTS

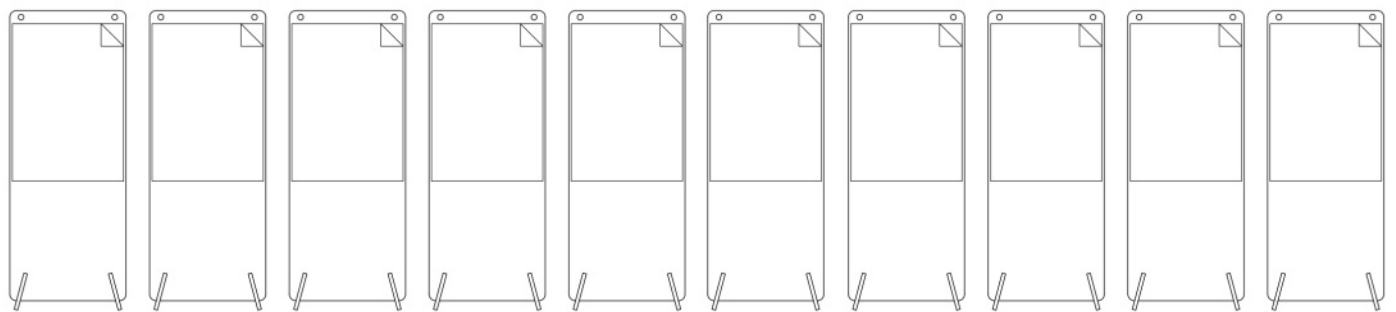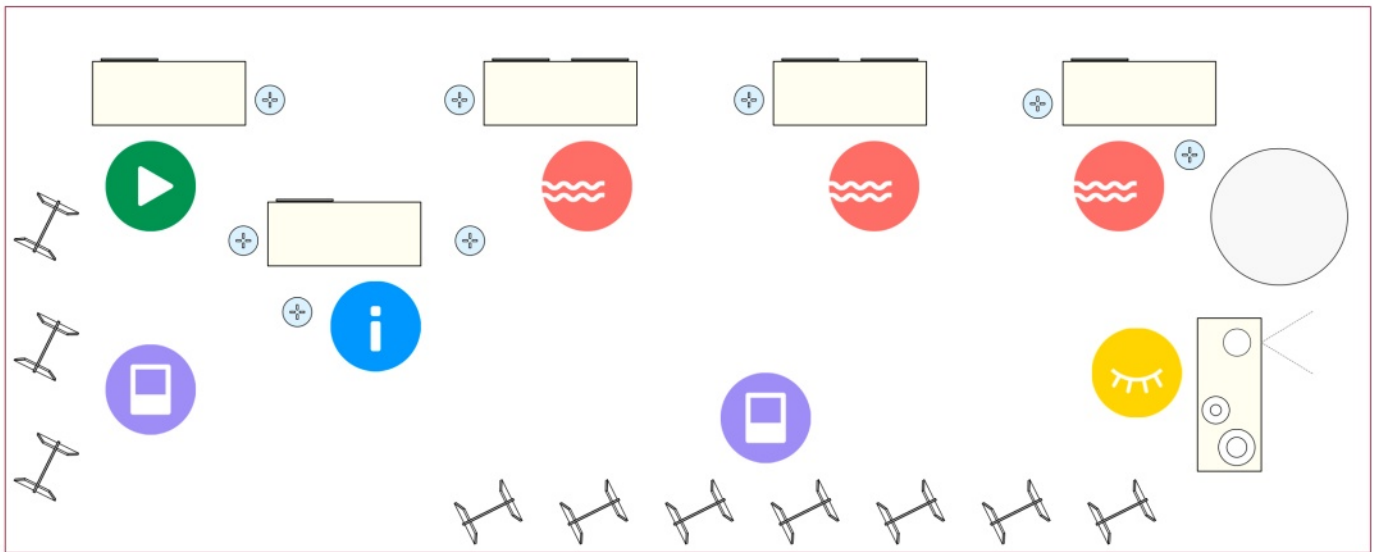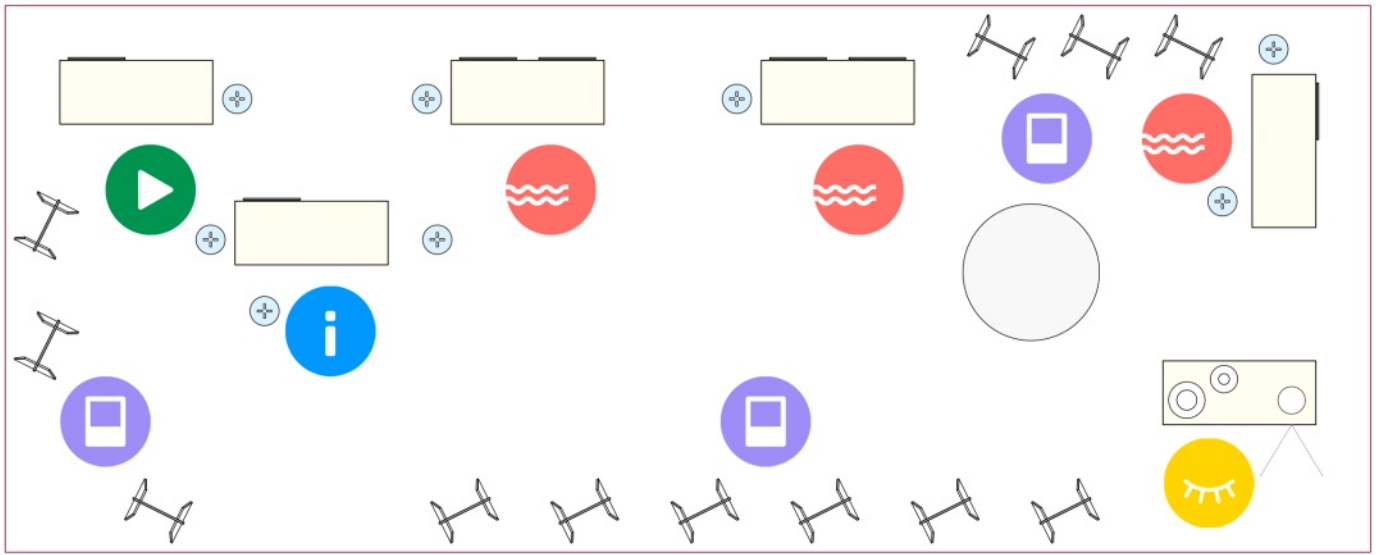SIX MODULES

SEVEN INTEGRATED PANELS

EIGHT STOOLS

ONE CIRCULAR RUG

TEN FREE-STANDING PANELS

TWO POSSIBLE SET-UPS FOR A 15X6 M ROOM

ATTACHMENTS

. LIST OF THE POSTERS DISPLAYED

. CONTENT OF THE WOODEN CRATES

. OVERALL DIMENSIONS AND WEIGHT OF THE WOODEN CRATES

. EXPLODED 3D MODEL OF A SAMPLE WOODEN CRATE

. PICTURES FROM THE EXHIBITION OPENING IN SIRACUSA

LIST OF THE POSTERS DISPLAYED

Aquacycle
CERTH, Center For Research and Technology, Greece

Alter Aqua
Global Water Partnership Mediterranean

Einaudi Ambiente Sostenibile
Secondary education institute (IIS) Luigi Einaudi, Syracuse, Italy

FIT4REUSE (01-03)
ALMA MATER STUDIORUM University of Bologna, Italy

Hydrousa (01-04)
NTUA - National Technical University of Athens, Greece

MEDISS
PWEG Palestinian Wastewater Engineers Group, Palestine

MENAWARA
NRD-UNISS Desertification Research Centre, University of Sassari, Italy

Nawamed (01-03)
Iridra, Italy

PROSIM
NARC National Agricultural Research Center, Jordan

ValEUr Gabès
Metropolitan Area of Barcelona, Spain

Zer0-M
CERTE Centre de Recherches et des Technologies des Eaux, Tunisia

CONTENT OF THE WOODEN CRATES

CRATE 01. INFO

. 5 Self standing wooden display panels with posters
. 1 wooden display panel with poster
. Brochures

CRATE 02. MEDIA

. 5 Self standing wooden display panels with posters
. 1 wooden display panel with 2 LCD monitors
. Cables and plugs
. Brochures

CRATE 03. MODELS

. 2 wooden display panels with posters and devices
. 2 fragile 3d models
. Brochures

CRATE 04. MODELS

. 1 wooden display panel with poster
. Large fragile 3d model
. Cables and plugs
. Brochures

CRATE 05. MODELS

. 2 wooden display panels with posters and devices
. Large fragile 3d model
. Brochures

CRATE 06. SENSES
. Wooden sensory device
. Audio devices
. LED projector
. 8 stools
. Free standing 24" LCD display
. Cables and plugs
. 150 cm rug

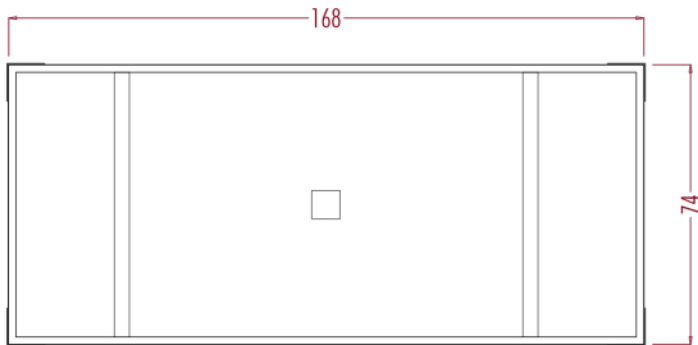# OVERALL DIMENSIONS AND WEIGHT OF THE WOODEN CRATES

(measurements in centimeters)
. NUMBER OF CRATES: 6
. SINGLE CRATE MAXIMUM WEIGHT: 130 KG
. OVERALL ESTIMATED WEIGHT (FOR 6 CRATES): 1.200 KG
. SUITABLE FOR HANDLING WITH A PALLET TRUCK
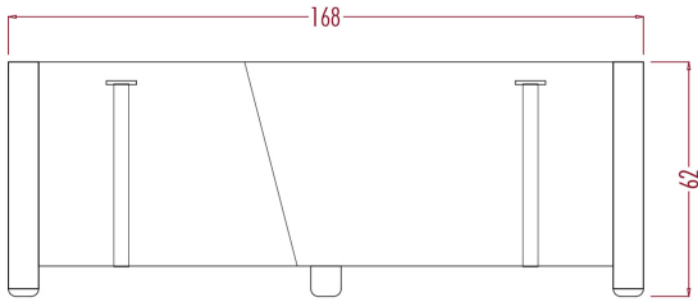
FRONT ELEVATION
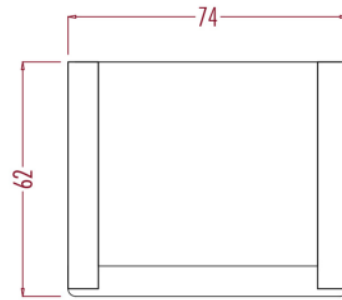
SIDE ELEVATION

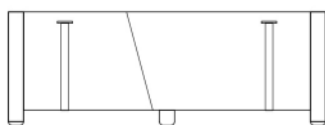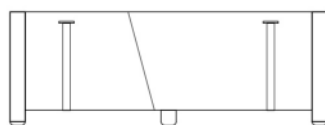TOP VIEW
QR code with video instructions for assembling and disassemling
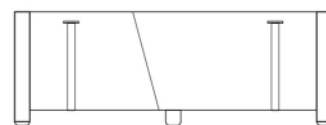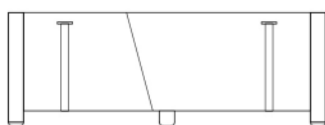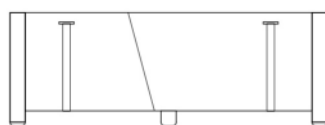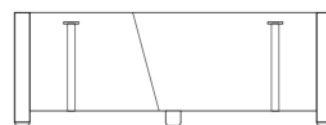each module, in the center

THE SIX WOODEN CRATES

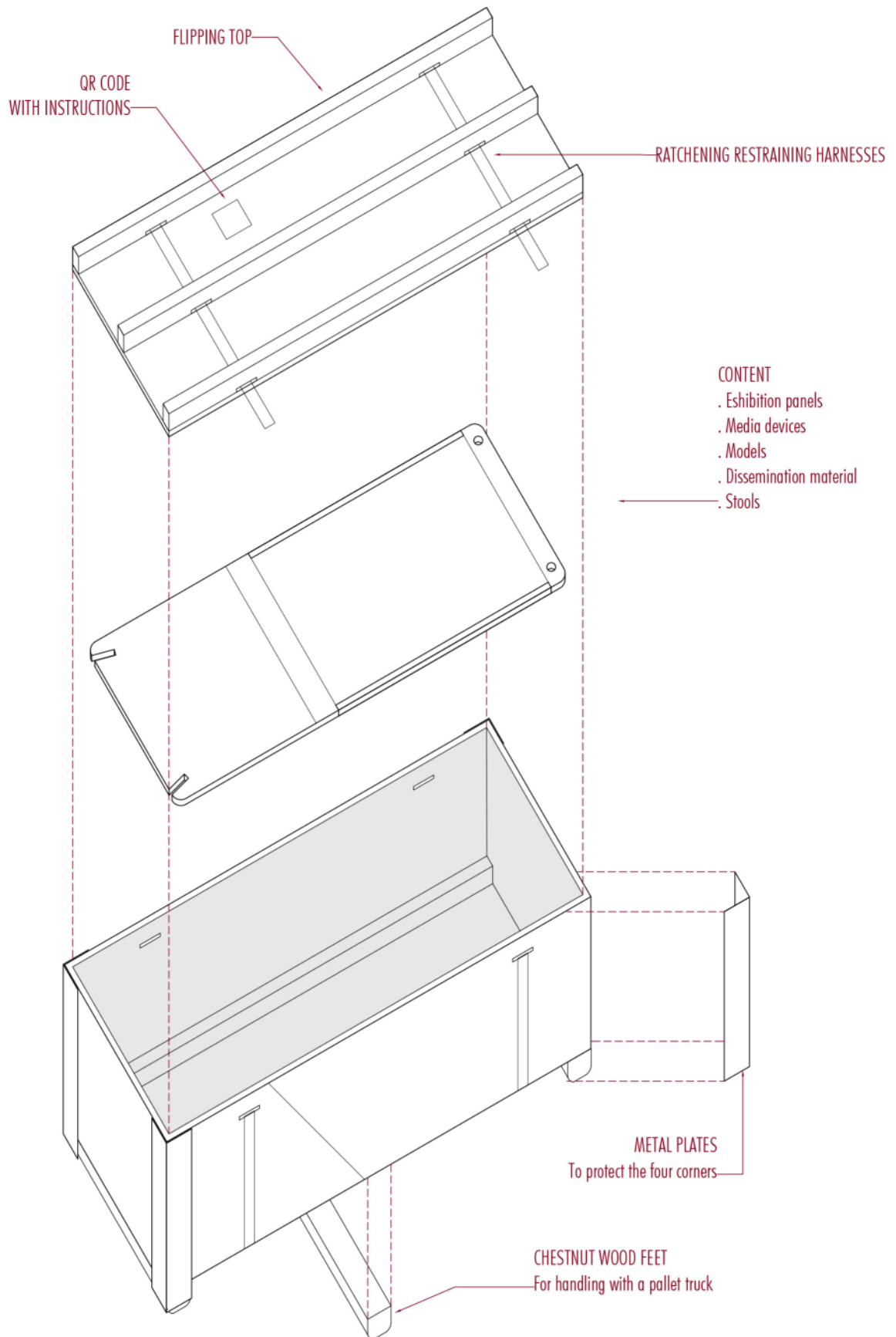CRATE 01: INFO

CRATE 02: MEDIA

CRATE 03: MODELS

CRATE 04: MODELS

CRATE 05: MODELS

CRATE 06: SENSES

EXPLODED 3D MODEL OF A SAMPLE WOODEN CRATE

FLIPPING TOP

QR CODE
WITH INSTRUCTIONS

RATCHENING RESTRAINING HARNESSES

CONTENT
. Eshibition panels
. Media devices
. Models
. Dissemination material
. Stools

METAL PLATES
To protect the four corners

CHESTNUT WOOD FEET
For handling with a pallet truck

PICTURES FROM THE EXHIBITION OPENING IN SIRACUSA

COLOPHON

Barbara Sarnari
SVI.MED
Euro-Mediterranean Centre for the Sustainable Development
Exhibition creator

Marco Terranova
Senzastudio
Exhibition design

Concetto Vecchio
Andrea Strano
Rosario Guzzetta
OKU design
Exhibition realization

Mariapia Erice
Maurizio Schifano
Hype Bang studio
Interaction & web design

Vincenzo Cancemi
Formaliquida studio
Graphic design