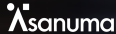


Description of pavilion spaces & functions

Dutch Pavilion Expo Osaka 2025
November 2023

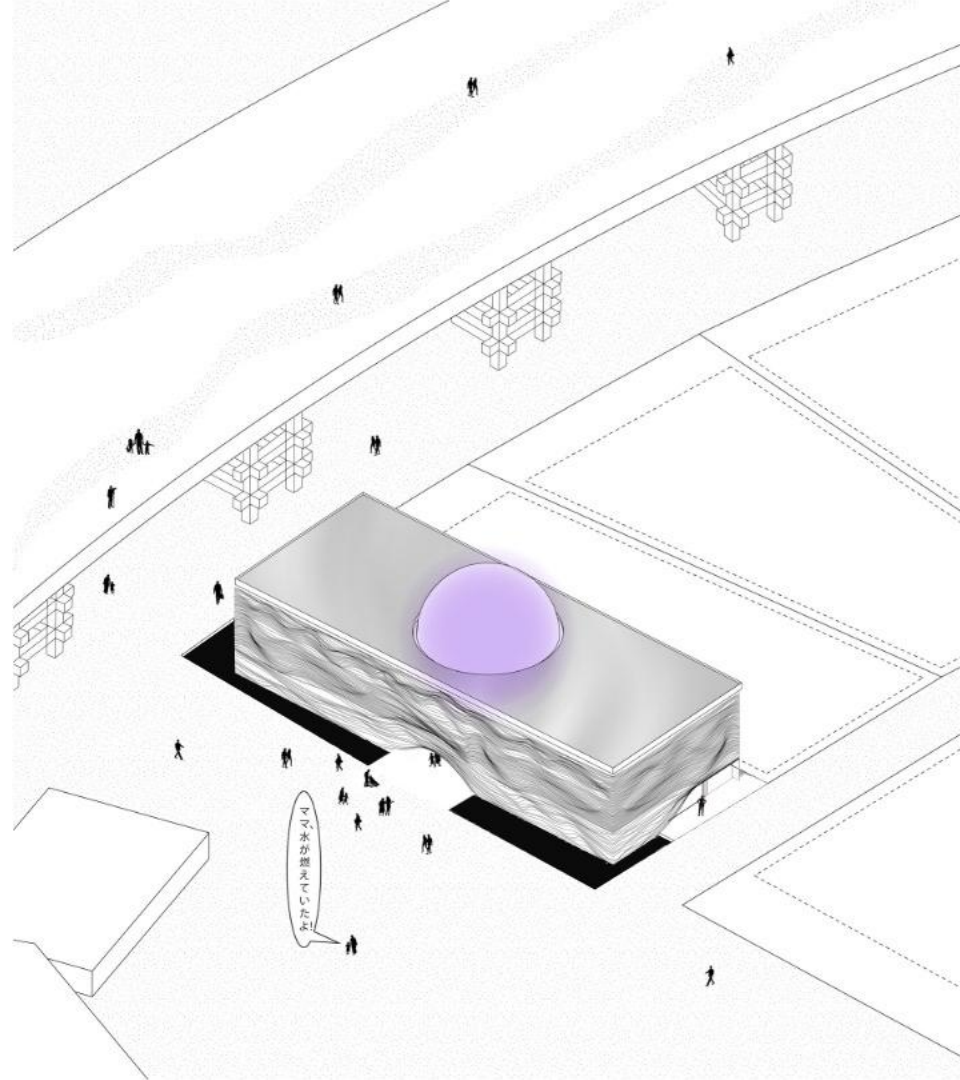


Description of pavilion spaces & functions

Plot

Description: The plot is the surface area outside the pavilion building but inside the plot boundaries. This zone around the building marks the threshold between the expo world and the Dutch. The pavements to the different entrances of the pavilion are the same as on the big square: concrete clinker. The space between the entrances are “green”, filled with flowers, grasses and little bushes.

Surface in m2: 286m2



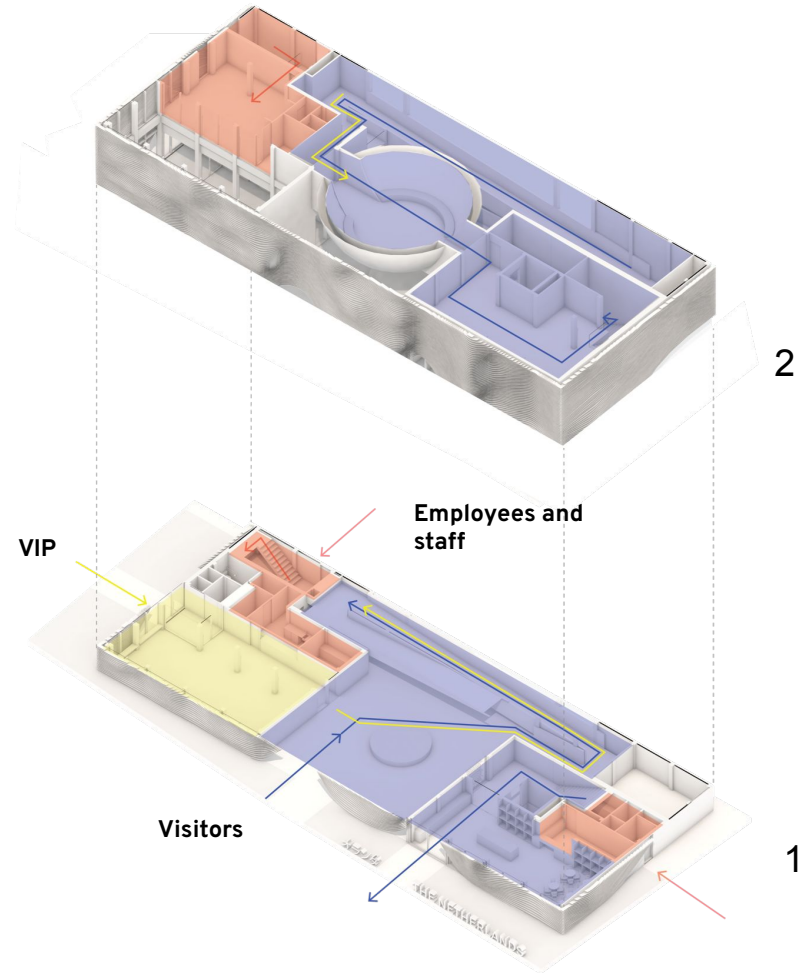
Routing and logistics

The pavilion has several entrances to separate the different visitor flows. The main entrance for visitors is at the main square, guests and VIPs enter via the entrance at the high walkway, the event area, and staff and staff reach their place via the facilities route on the east side.

Visitors walk through an orchestrated route via a ramp to the 1st floor and back to the main entrance via the sphere and Saving Lives space.

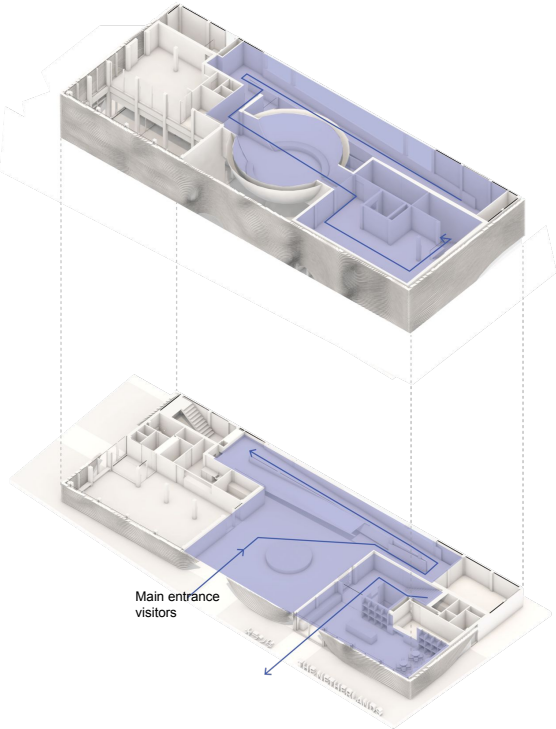
Guests and VIPs in the event space have their own entrance to the main area. From here, there is separate access to the visitor experience in the illuminated sphere.

Employees and staff enter the entrance hall with the lockers and shower via the back. From here the storage, kitchen and bar for the event area can be operated. The staircase in the logistics area connects to the second floor with the offices, meeting room and pantry with refreshment area for employees.

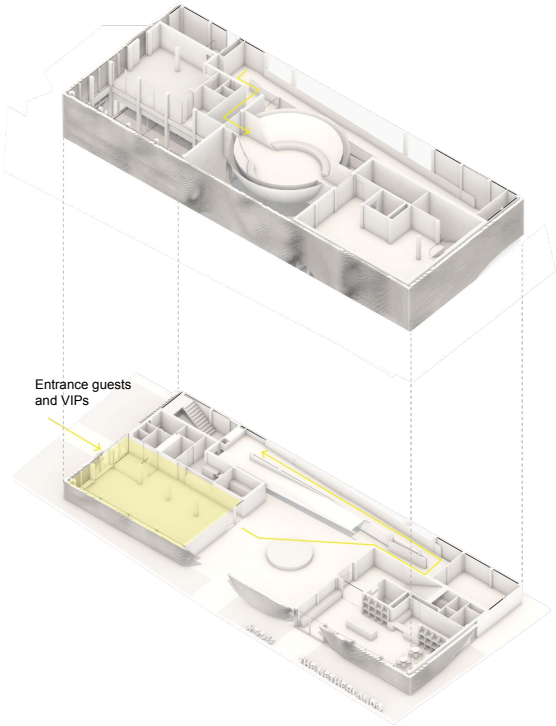


Routing and logistics

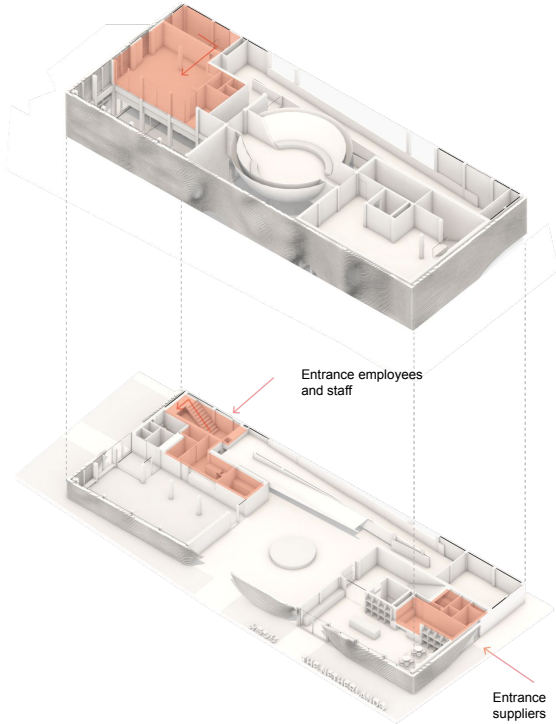
Visitors



VIP



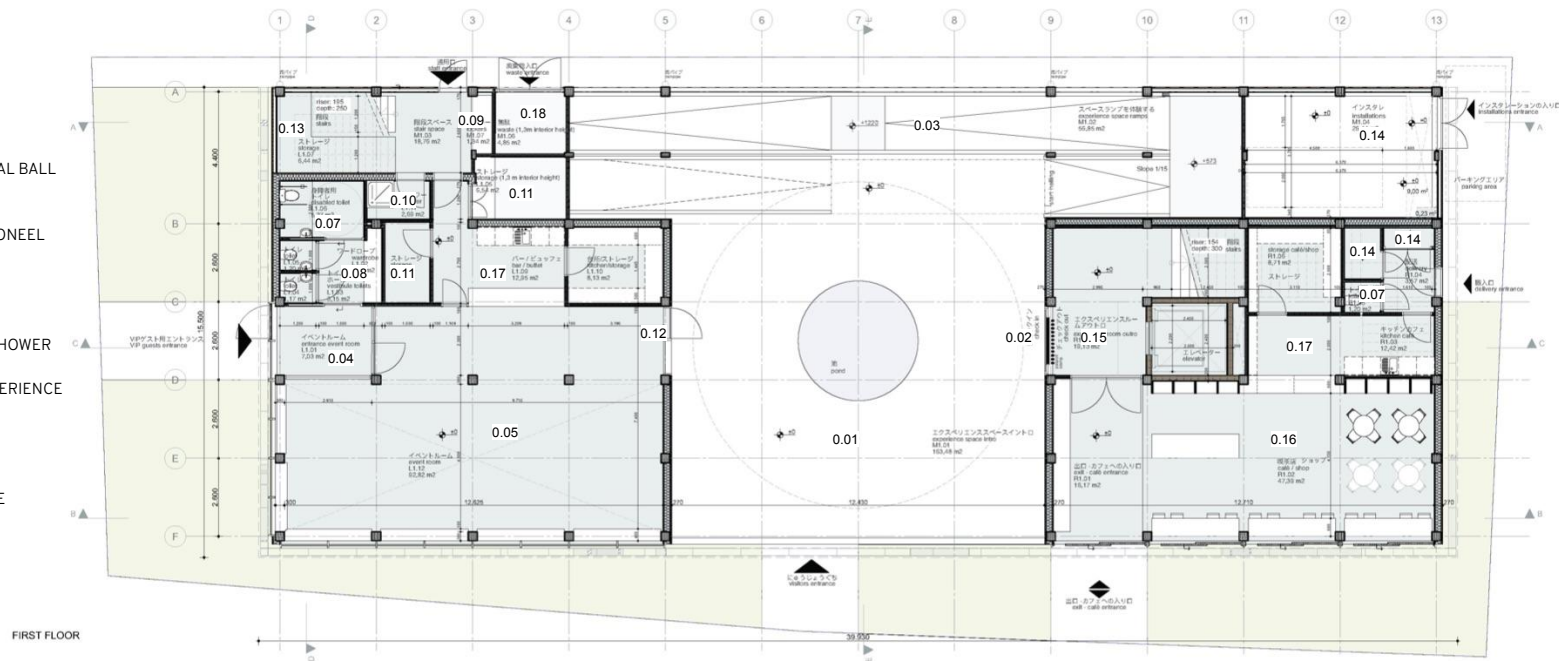
Employees and staff



Spatial and functional layout

First floor

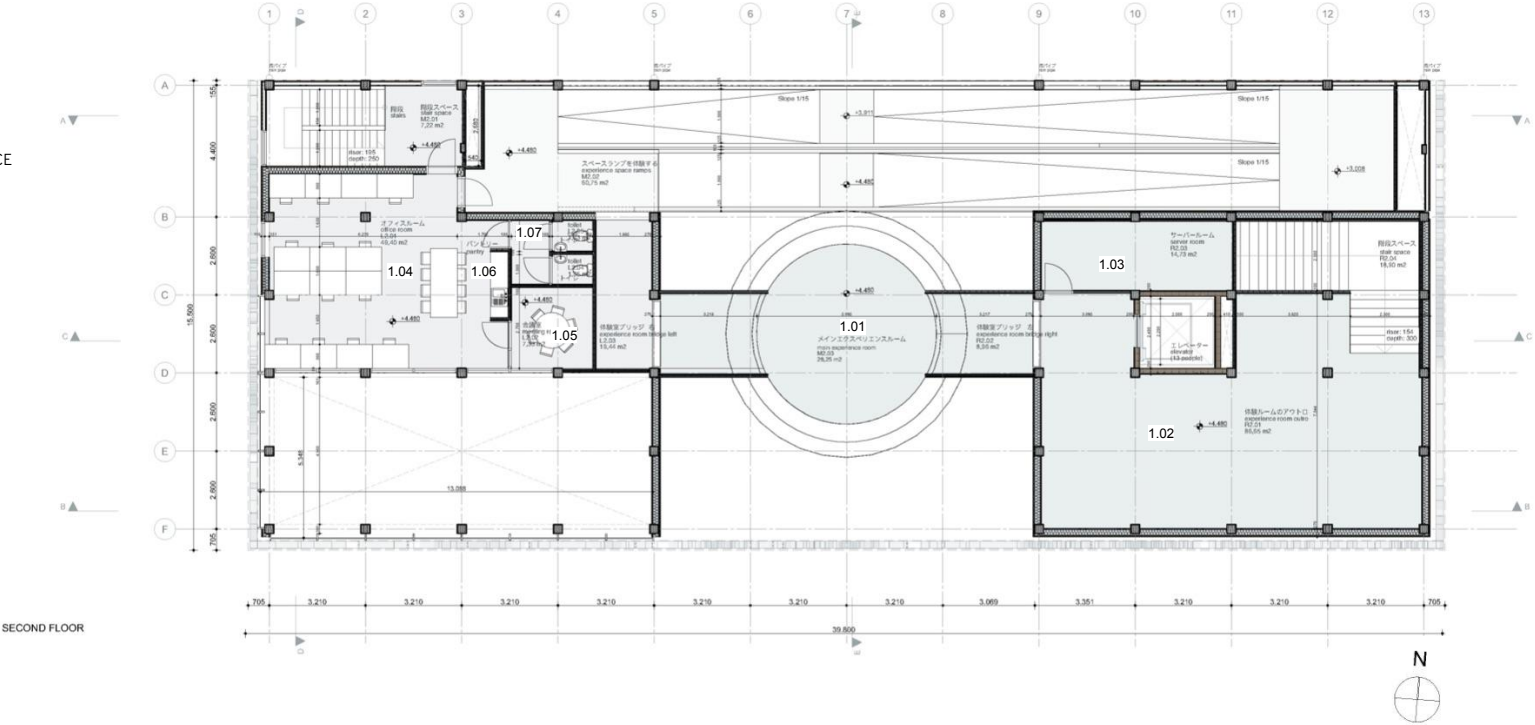
- 0.01 COMMON GROUND
- 0.02 HAND OUT PERSONAL BALL
- 0.03 THE JOURNEY
- 0.04 VIP ENTRANCE
- 0.05 VIP + MULTIFUNCTIONEEL
- 0.06 PANTRY
- 0.07 TOILETS
- 0.08 WARDROBE
- 0.09 LOCKERS
- 0.10 DRESSING ROOM/SHOWER
- 0.11 STORAGE
- 0.12 VIP ACCESS TO EXPERIENCE
- 0.13 STAIRCASE
- 0.14 TECHNICAL SPACE
- 0.15 HAND IN BALL
- 0.16 SHOP + CAFÉ
- 0.17 KITCHEN + STORAGE
- 0.18 CONTAINER SPACE



Spatial and functional layout

Second floor

- 1.01 A NEW DAWN
- 1.02 SAVING LIVES
- 1.03 SERVER ROOM
- 1.04 FLEXIBLE WORK SPACE
- 1.05 MEETING ROOM
- 1.06 PANTRY
- 1.07 TOILETS



SECOND FLOOR



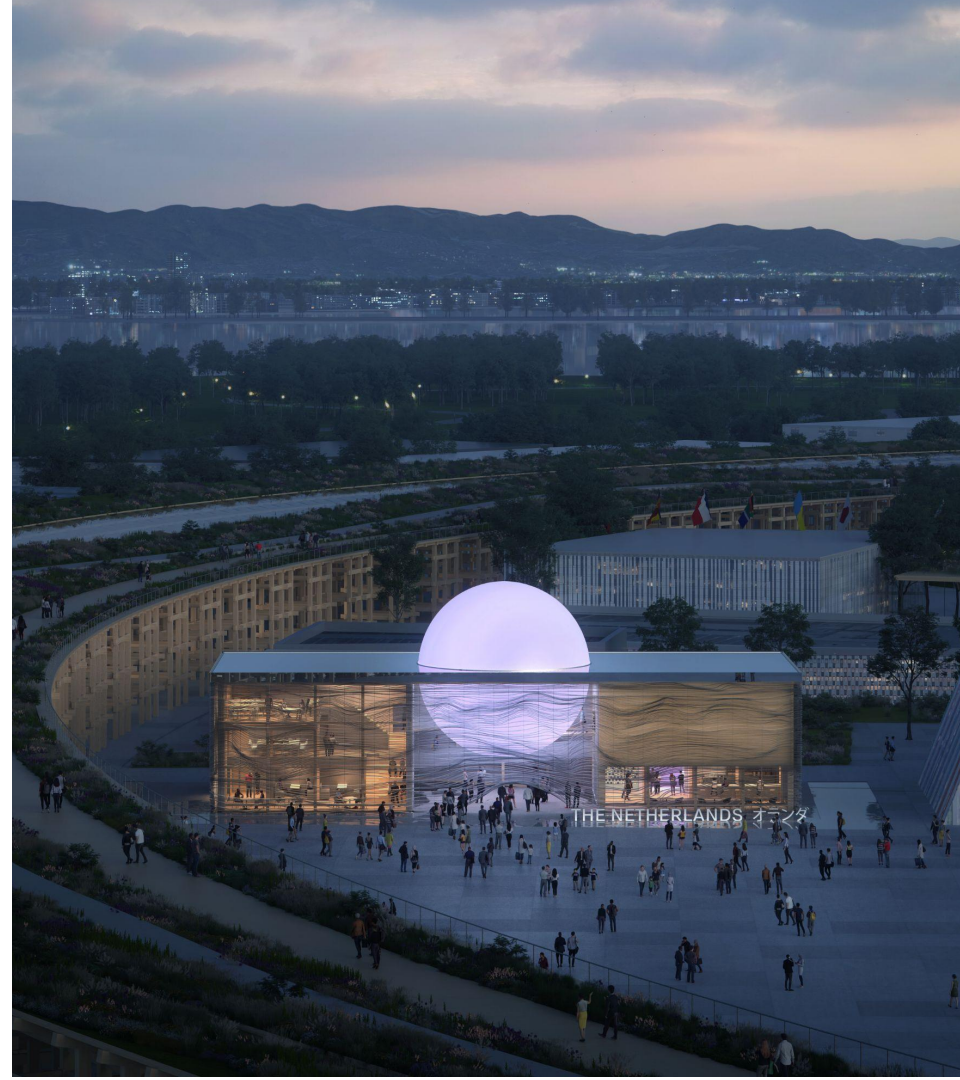
Exterior: pavilion 1/2

Description

The Dutch pavilion consists of an elongated straight volume with a sphere at its centre. In this heart of the pavilion, the potential of hydrogen technology is presented. The universality of unlimited energy is represented by the sphere.

The pavilion presents itself with its longitudinal facade on the southern square. With the central position of the sphere connected to the main entrance, the building is symmetrically designed. The sphere is supported on its equator by the large roof connecting the two pavilion parts. The structural logic made visible follows the principle of working together.

The building shell refers to the element water underlying the source of a hydrogen energy. On the roof, the half-sphere on reflective roof refers to water reflection. In the façade, water is figuratively shaped with undulating slats.



Description of pavilion spaces & functions

Exterior: pavilion 2/2

Surface in m2

286m2

Activities

At the entrance, visitors will be greeted by the host. With your booked time slot via the EXPO app, you can enter right away. If you have not booked a time slot and there are still spaces available, you can wait in the queue outside the pavilion to enter.



Description of pavilion spaces & functions

First floor: Common Ground

Description

Visitors enter the central hall in the middle of the pavilion and find themselves in a light-flooded space between the two building parts under the light sphere. The sphere's abstract yet mystical light reflects off the water and mirrored ceiling. The light is muffled by the soft walls. From outside, only muffled sound intrudes, filtered by the facade of slats. Across the street next to small shiny spheres, ramps begin over which people walk up.

Surface in m2

165m2

Activities

Visitors will discover what common ground is through a wall installation and an acoustic installation depicting our challenges and opportunities with water. This also highlights the shared history of both the Netherlands and Japan.



First to second floor: The Journey

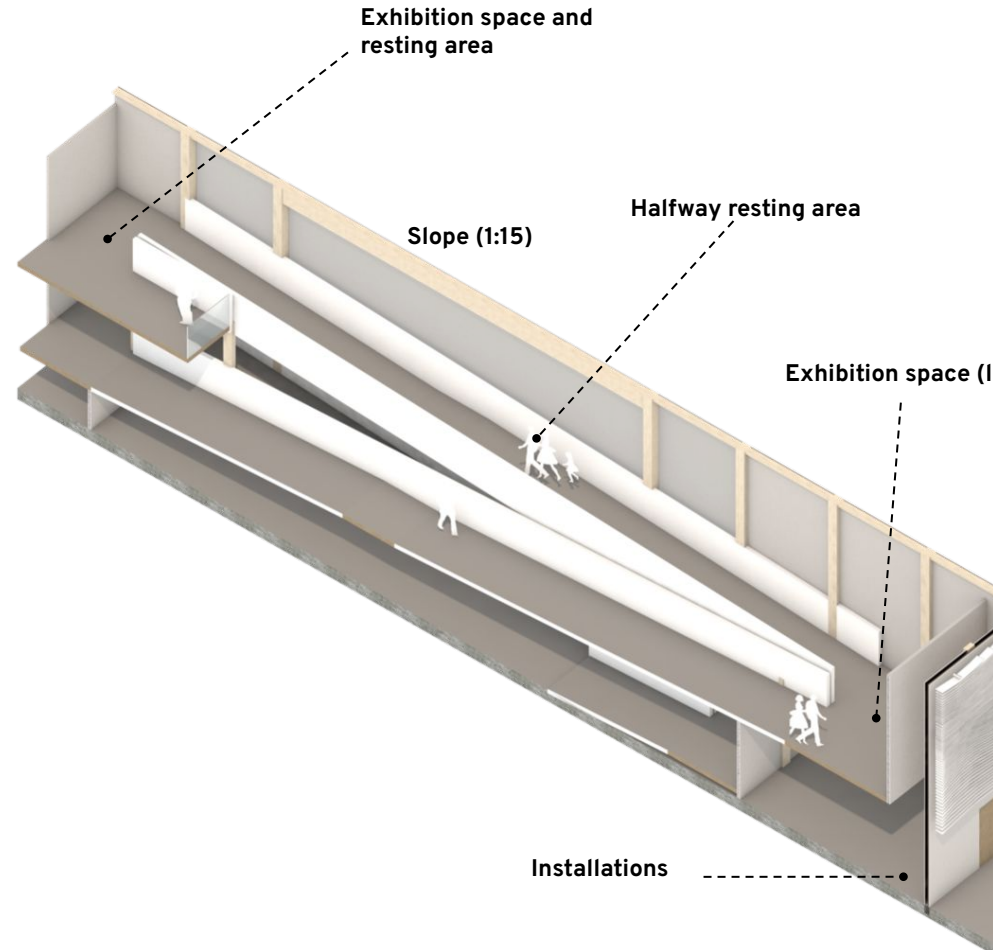
Description

The approx. 60m long slope (1:15) forms the barrier-free entrance to the sphere, which includes resting areas at the end and halfway each of the ramps. The landing of each ramp serves as exhibition space. This allows visitors to pass through the central hall at a different height in the space. The dramaturgical effect is enhanced by the changing perspectives and the approaching, almost touchable light sphere.

Integrated into this ramp is a stairwell to connect all floors of the multifunctional area for employees and staff. The installation rooms for the pavilion are also housed in this zone.

Surface in m2

182m2

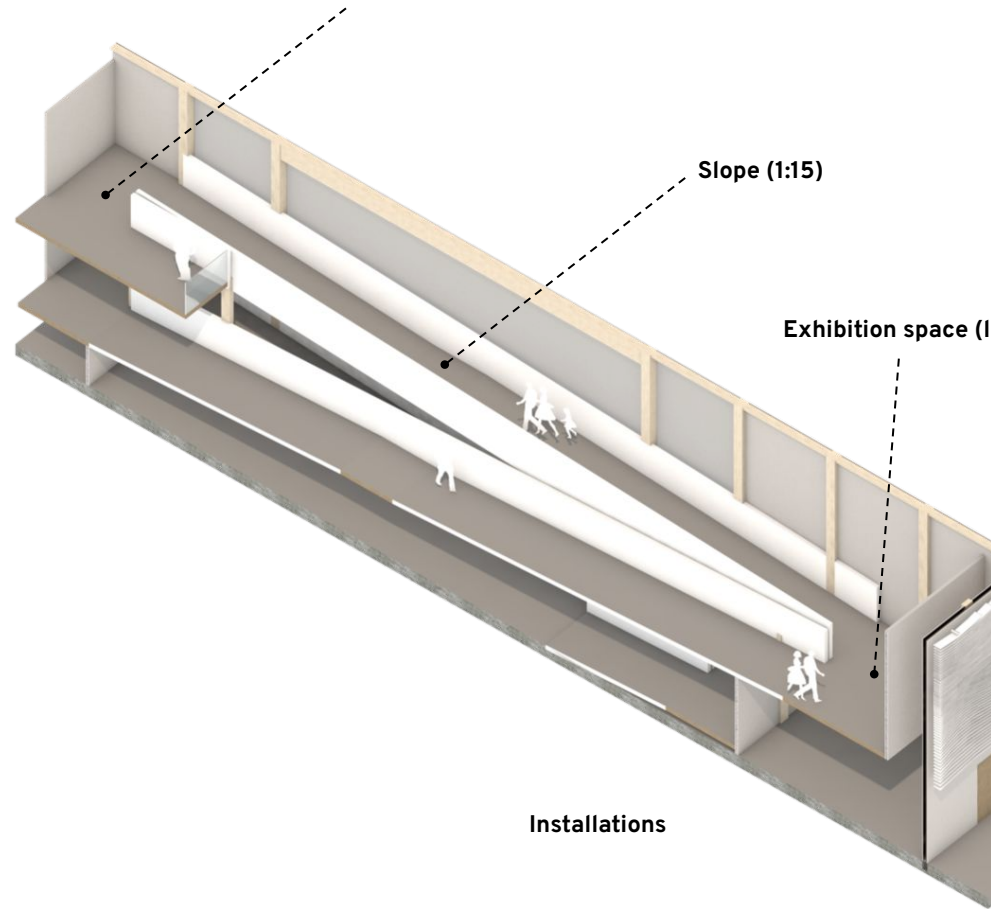


First to second floor: The Journey

Activities

As you walk up the ramp, it becomes clear that the personal ball is a representation of energy. You take a journey through the relationship we humans have with energy. Starting with fire, the first form of energy that shaped humanity. Then the steam engine, through this form of energy enabled the industrial revolution that changed the way we live. Then our current energy network, through the internet and other digital technologies we are now more connected to each other than ever.

Via a short walkway, visitors enter the sphere for an engaging digital and interactive spectacle of 'A New Dawn'. They then take a different exit from where they entered via the second short bridge, which takes visitors into the 'Saving lives' section. At the end, they come back down via stairs or elevator.



Description of pavilion spaces & functions

Second floor: a New Dawn

Description after the journey on the ramps one arrives in front of the sphere. A double door will invite the public into the sphere. One will find himself underneath a big dome. Underneath the dome will be a round bench with a high backrest.

Surface in m2 28m2



Description of pavilion spaces & functions

Second floor: a New Dawn

Activities

Visitors enter the large sphere with their personal energy ball. An impression of the Netherlands appears on the inner walls of the light dome. Once everyone is inside, a visual immersive show supported by voiceover begins.

Various innovations that are about to turn the global energy landscape upside down are depicted in the show. However different the innovations are, hydrogen is always at the centre.

During the show, energy is symbolically generated with the energy brought into space by visitors, demonstrating that together we can achieve great things. The generated energy is shared with everyone, turning the spheres all purple. The visitors are now part of a new generation that is part of a new energy era.



Description of pavilion spaces & functions

Second floor: Saving Lives

Description after the emergive show the double door on the opposite of the entrance door will be opened. The public will enter an halve darkened exibitionspace. Right in front of the exit doors of the sphere is the elevator to be used by old and handicapped people. At the other side of the exhibition space a big staircase will guide the public back to the first floor.

Surface in m2 90m2



Description of pavilion spaces & functions

Second floor: Saving Lives

Activities

Visitors step out of the sphere and enter the Saving Lives room, holding their personal ball. They are now in an exhibition space with interesting illustrations on the walls depicting various everyday situations. There are also physical objects on display that relate to the illustrations. Divided into many different themes, we show Dutch innovations. When the visitors move their ball to one of the illustrations, a line animation appears, showing how new energy can influence the situation depicted, and the pedestal with the object lights up.

After exploring some near-future possibilities through interaction, visitors take the stairs or elevator back down.



Description of pavilion spaces & functions

First floor: ball hand-in

At the end of the last space, there is a place for visitors to hand in their personal ball. As they put it back on the rack, the colour changes back from purple to its original white. At that moment, they realise that the circle is complete and that they have now given the chance to a new visitor to become part of the new generation.

Visitors leave the pavilion excited and eager to tell people that the Netherlands has technologies that could give everyone access to clean energy.



First floor: cafe

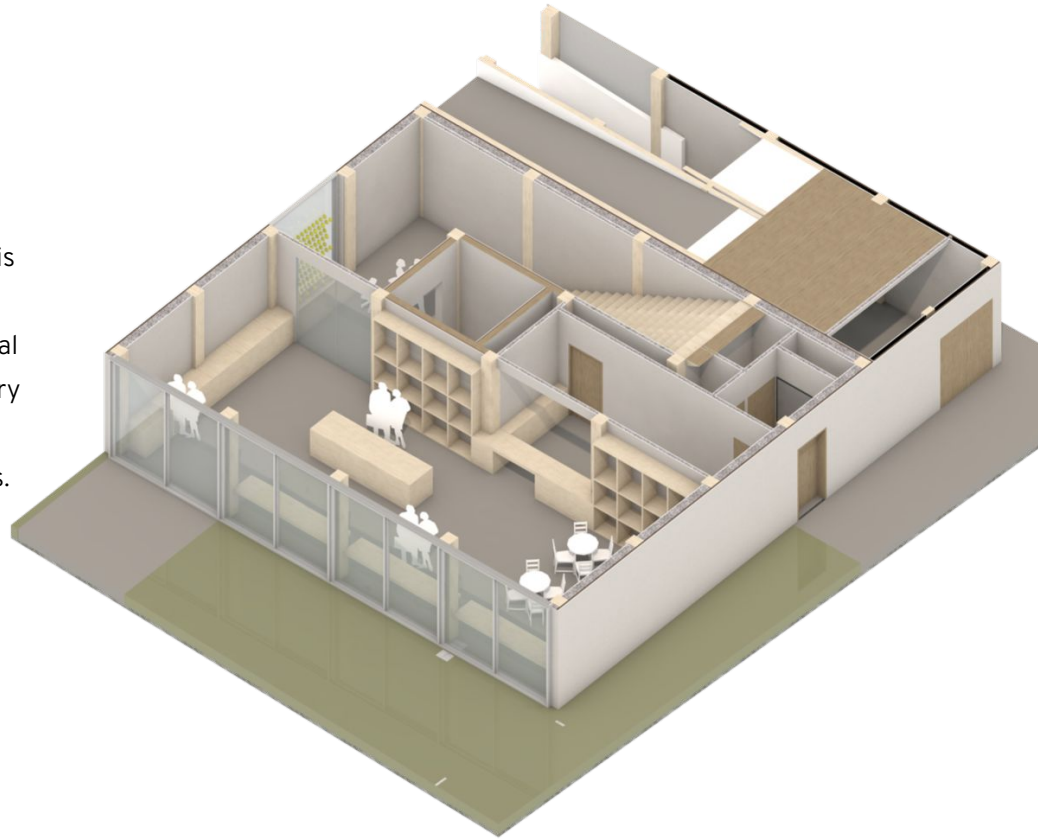
Description

A resting moment forms the transition back to the Expo world. This space is carpeted with circular flooring, there is furniture and diffused light falls through the slatted façade. After the great visual and challenging experience, this serene space offers the necessary calm for processing. Here there is also a pavilion-café with drinks and snacks and a small souvenir shop with Dutch Design products.

A sliding door returns visitors to the central square in front of the pavilion.

Surface in m2

144m2



Description of pavilion spaces & functions

First and second floor: VIP & office

Description

The multifunctional event space / VIP has its own entrance on the boulevard of the Grand Roof. Upon entering, the diffusely luminous and fascinating façade dominates the large room - as in an aquarium, the outer façade is suddenly experienced from within. The wooden columns and beams are clearly visible. The walls are light in colour, combined with the Sisal floor covering and the wood to create an elegant, muted and natural atmosphere.

Visitor groups or delegations can go directly from the welcome and event area to the ramp start area to start the experience route after receiving their own small ball.

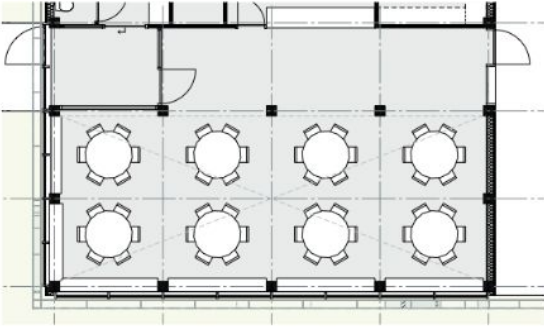
On the first floor is an area with flexi-working spaces and a smaller meeting room. This working floor can be reached by the service staircase at the back.

Surface in m2

244m2

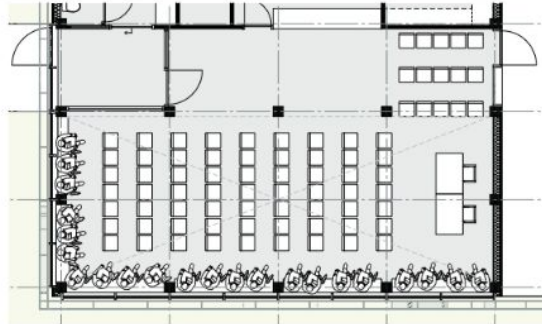


VIP as flexible space



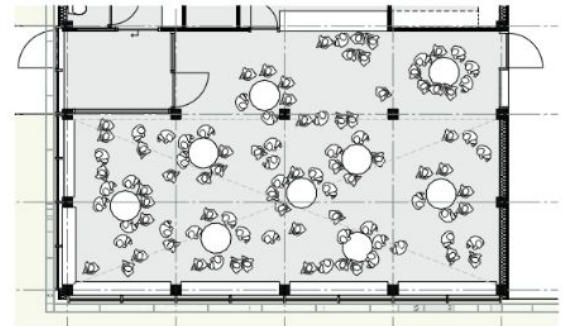
Dinner

The playful layout of the floors gives the event area a spatial grandeur and maximum flexible use. The space can be used for different constellations and changing uses: for a grand reception, an exhibition or reception, lectures, courses and intimate or private meetings.



Presentation

The large high room on the ground floor is good for a temporary exhibition, for a large lecture or a networking meeting for 100 people in which the benches on the façade side are also used.



Networking

The top floor houses the staff workstations with a lockable meeting room and private access via the staircase behind.