

FYRTÅRN

City Image

Trondheim boasts a remarkable cityscape underscored by historical sightlines, including Munkegata and Nordre gate, which converge upon the iconic church towers of Nidarosdomen and Vår Frue kirke. The proposal introduces the new museum for Art, Decorative Arts, and Design, seamlessly extending the city's traditional sightlines toward the sea acting as the ending point of Smedbakken. Acting as a contemporary cultural cornerstone, the new museum integrates to Trondheim's urban narrative, elevating architectural expression while respecting the established city structure. Conscious attention to the surrounding building's heights integrates smoothly into the cityscape, while the tower acts as a cultural beacon guiding Trondheim visitors to enjoy the city's cultural heritage and future.

Urban Connectivity

Positioned at the southern edge of Museum square, the museum plays a pivotal role in revitalizing this space through strategic interventions aimed at enhancing pedestrian movement and active, soft city. Currently the square is challenged through its rigid exterior borders through the multiple underground ramps and wall-like structures. The square is reimagined with a novel entrance to underground parking from the North-East corner, facilitating a more fluid and welcoming connection to the surrounding city from all directions. The proposition reestablishes Repslagerveita's northern side to the square, broadening the sidewalk to allow for the shops to have terraces towards south. The existing green plantings are preserved, and the wall-like planting basin is divided to smaller sections. The transformed Museum square offers diverse spaces for events in the open museum square alongside enjoying a lush passageway that lines its eastern edge, invigorating both ecological and social connectivity between the passerby, the museum and Trøndelag Teater's terrace.

An active ground floor with the restaurant, library and other public spaces facing towards Museum square foster connection with the outdoor. The workshops and multifunctional spaces are situated next to the Trøndelag Teater extension, supporting interaction between the actors, allowing for common events and encouraging multidisciplinary cultural cooperation, enriching the museum's engagement with the city's wider artistic community. Museum square is designed to become the new cultural hot spot in the heart of Trondheim.

Architecture

The museum's architectural form draws from the harmonious dialogue between Trondheim's maritime heritage, small-scale historical wooden centre in the north and

large-scale stone centre in south. The massing forms the silhouette of a public building, recognisable from afar, while the undulating facade brings the building to intimate scale.

The curved wood facades give a sense of hapticity. The Nordic light plays with the form, offering a new impression every season. On the southern side, the mass is divided into three parts, bringing the long building into human scale. The meandering mass creates a dynamic interplay with Erling Skakkes gate, presenting different facades towards all directions. The entrance hall severs the long mass, acting as the end point of Sverres gate and linking it to the square.

The expansive ground-floor windows and street-level roof lanterns provide glimpses into the museum's offerings, enticing the curious passerby to explore further. The indoor spaces are designed for an experiential visit. Through the high lobby enlightened by roof windows, the visitor is guided through the spatially rich circulation spaces to the exhibitions. Both underground and overground spaces have their unique character.

The underground spaces enjoy light cast through the roof lanterns. They are suitable for large multimedia installations, cultivating sensory-rich ways of exhibiting the museum offerings. Alongside these halls, part of the museum storage acts as visible warehouse to the public, representing a novel, intimate way to connect with the museum activities outside the exhibition.

On upper levels, grand exhibition halls unfold to accommodate diverse collections, accessible through a side corridor designed for ease of navigation, ensuring adequate supervision without significant staffing. Occasionally, the foyer expands to offer places for resting and sitting down. The exhibition halls open to two-floor high spaces lit by roof windows, allowing for exceptional installations and a multitude of viewpoints from different levels to the space. The green roof design garden invites visitors to experience art and design amidst nature, interacting with creators staying in the Gjestatelier. At the journey's pinnacle, the culture tower offers a breathtaking vista over Trondheim's fjord from the rooftop bar and exhibition space, inviting visitors to linger amid the beauty of the city's historical heart. The top floor acts as the platform for presenting and inspiring artists' work and unique events to Trondheim citizens and visitors.

Sustainability

The museum embraces sustainability boldly through both conserving existing underground structures and minimizing carbon emissions associated with new construction. Concrete is one of the most carbon-intensive materials and through careful design the need for new construction is minimized. The design considers phasing of the construction work. The Ressurssenter building is demolished and the new entrance ramp built alongside the existing structures while the existing underground car park is operating. When the connection is finished, the existing ramps are demolished, and the museum will be constructed while the car park is operational. The preservation of the existing structure not

only avoids a substantial carbon footprint related to the production of novel structures but also supports transforming the ground-floor plaza into a vibrant, car-free public domain.

The new museum building pays homage to the traditional Norwegian wood construction and acts as a carbon storage. The long exhibition hall spans are covered by mechanically fastened curved glulam beams, supported by load-bearing transverse walls. The solution allows for ease of upkeep, minimizes material use and enables multifunctional, spatially adaptable and architecturally experiential exhibition spaces.

The roof is a multispecies green meadow featuring native flora, bolstering Trondheim's resilience by enhancing stormwater management and fostering natural habitats. On the ground floor, a new green route connects to Trøndelag Teater's extension, amplifying local biodiversity and showcasing a commitment to ecological stewardship.

Areas

Meet + create	Arrival, entry and meeting space	938	2145
	Reception and admissions/tickets	20	
	Auditorium	96	
	Museum store	70	
	Café	60	
	Restaurant	140	
	Multi-purpose room	193	
	Library	261	
	Workshops	157	
	Cloakroom	87	
	Toilets	123	
Sense + learn	Permanent exhibitions	2606	5101
	Temporary exhibitions	1667	
	Storage / support functions	153	
	Technical	675	
Back-of-house	Goods reception	160	1331
	Packing	79	
	Storage	927	
	Workshops	165	
Administration	Offices and support functions	537	537
Atelier	Guestatelier	96	96
Total			9210