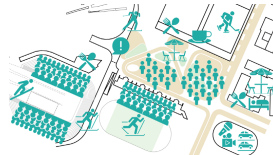


Olympia
In ancient Greece, the mountains and hills created the setting for the Olympic Games. In addition to sports, the area hosted a variety of cultural events, social gatherings, feasts, art exhibitions, bathing, and other activities. In Lahti, the Salpausselkä ridge similarly offers an extraordinary place for bringing people together in a spectacular landscape.



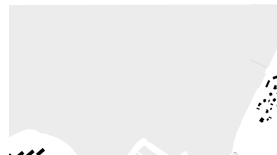
Everyday use
The plan suggests developing the Sports Centre area as a park housing a variety of everyday functions, including recreation areas, playgrounds, bowling, tennis, volleyball, basketball, table tennis, skating, picnics and sunbathing, swimming, trekking, a kiosk, and cafe.



Event use
The Central Plaza is planned as the main event area, suitable for pop-up, outdoor concerts, kiosks and other temporary structures, food courts, and terraces. The new skiing bridge enables spectators to move freely from the stadium to the ski jump stands and the plaza. The media area is placed on top of the parking house.



First phase of realization
Central Plaza is developed by utilizing the green areas and materials. The traffic arrangements are also improved. The construction starts by building a new entrance zone forming Suurhaili, enabling spectators to move freely from the stadium to the ski jump stands and the plaza. The media area is placed on top of the parking house.



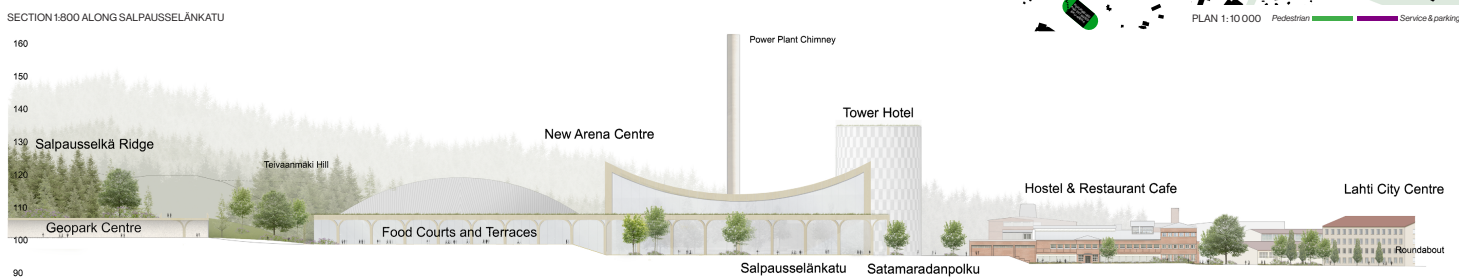
Flexibility concept
The new arena would have synergy with Suurhaili. The development of the Teivasmäki power plant into a Water Sports Centre and spa would be ideally located next to Vesijärvi. It is also possible to adapt the plan by refurbishing and extending the existing Iku-Arena and building the Water Sports Centre on an adjacent empty lot. A Geopark Centre, hotel, or another use could be developed in the power plant. The parking area could be framed with an arcade and enhanced with green elements.

Lahti Sports Centre is an iconic and nostalgic sanctuary for winter sports, whose full potential has yet to be realized. The challenges depicted in the competition program regarding the current traffic arrangements, the spatial ambiguity of large asphalt areas, and the lack of everyday activities do not create the attractiveness that the area's unique location, on the edge of the city center, nestled in the Salpausselkä ridge and by Lake Vesijärvi, would offer.

The competition proposal presents a plan that brings together sports and events, urban life and daily activities, as well as diverse nature and unique topography, all while building sustainability. At the center of the area, according to the competition program, will be a new **Central Plaza**, forming the central event area and a recreational park enriched with greenery. The proposal suggests the location of a new **multipurpose arena** as the driving force for the area, situated next to Suurhaili, which would form a nationally unique center suitable for diverse events and exhibitions in conjunction with other halls. The new location allows the existing Iku-Arena to be used for other functions and more clearly concentrates event activities

will be provided along both Veikko Kankkonen Raitti and the parking facility. The plan also proposes pedestrian bridges over Holonkatu and Veikko Kankkonen Raitti, enabling movement along the ridge without crossing street areas. Additionally, a new underpass is proposed from the north under Jalkamäentie, connecting the Radonkatu sports road, Knapukatu, and the Sports Centre area via a single route, without crossing busy roads.

The plan aims to separate vehicular traffic and pedestrian routes in the area. Service access to the new multipurpose arena, other event halls, and the water sports center is proposed to come from the north via Teivasmäki. Vehicular traffic will be blocked off from Veikko Kankkonen Raitti, which will be developed into a green boulevard-style street with stormwater retention basins along its edges. Stadium and other service access will be separated from pedestrian traffic via Salpausselkäntie. Drop-off traffic will be concentrated around a new parking facility along a drop-off zone. However, disabled access and supplementary service traffic will still be allowed directly in front of building entrances. Bicycle parking



AERIAL ILLUSTRATION TOWARDS EAST

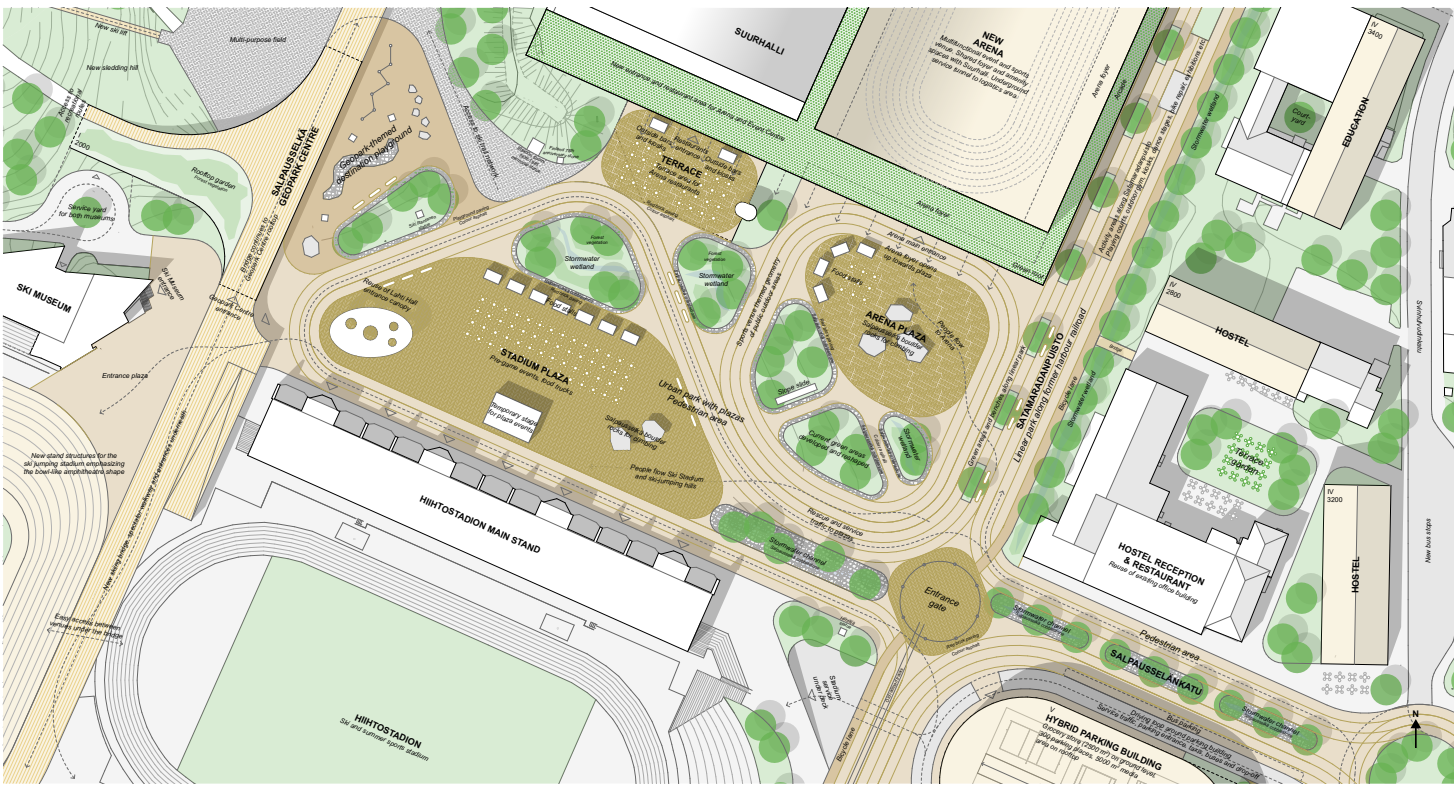


ILLUSTRATION OF THE CENTRAL AREA 1:800



VIEW ALONG VEIKKO KANKKONEN RAITTI



TEIVASMÄKI POWER PLANT
Transformation to a hotel and restaurant with new parts housing a water sports center, lower hotel and spa with views to Vesijärvi.



AMPHITHEATRE
Ski jump stands as a multifunctional amphitheatre and recreational area during the warm season. The new skiing bridge enables spectator access between the different areas.



"KUPLA" GREENHOUSE HOUSING
Self-sustainable farming and living within the old Iku-Arena frame covered with integrated solar panel ETE-roof.



HYBRID PARKING HOUSE
Hybrid parking house with wooden structure and facade in-chassis greenery store on ground level. 300 parking places, bicycle parking, sport area on rooftop that can be transformed to 5000 m² media area.



SALPAUSSELKÄ GEOPARK CENTRE
Salpausselkä Geopark Centre exhibiting the nature and geology is suggested to be located next to Ski museum integrated with the soil of the esker and the new pedestrian bridge.

The plan also proposes placing the new **Water Sports Centre** and spa at the Teivasmäki power plant, where the high industrial halls provide an impressive frame for swimming pools and a diving tower. An outdoor swimming pool and sauna world, reminiscent of the current tank structures, could be realized on the power plant's yard. The existing power plant chimney would be used for wood heating in the spa's pools and sauna area. A hotel is proposed to be built in the narrow wing of the power plant, with a connection to a new round hotel tower on the northern side of the power plant, offering spectacular views, particularly towards Lake Vesijärvi. The hotel's lobby services and restaurant would be located in the center of the power plant. Parking would be placed in a parking garage with the spa located above on the top floor, offering views of the lake.

The early arena will be elevated on a **wooden bridge structure**, enabling the creation of rear stands and free movement of the public between the area functions. The new wooden bridge would also serve as a lightweight end stand structure on the opposite side of the stadium. During events, booths and kiosks could be easily placed under the bridge. The terraces of the amphitheatre's stands will be made of steel mesh elements from the marquee of the ridge, reinforcing the stone structures of ancient amphitheatres. The ski jump arena could be developed for a new swimming area, creating a recreational space for all the city's residents alongside the new stand structures.

The plan also proposes the placement of a new **Salpausselkä Geopark Centre** next to the Ski Museum. The Geopark Centre would be integrated with the ski and pedestrian bridge running through the area and the soil formations of the Salpausselkä ridge. The new center will showcase the nature, geology, and services of the Salpausselkä Geopark, allowing for various events to be held. Service access for the

new center will be through the Ski Museum's service area. In place of the demolished Iku-Arena, an **experimental self-sustaining housing concept** is proposed, where ETE-membranes would be stretched over retained wooden arch beams to create a greenhouse-like bubble above two CLT-structured lowerhouses. The buildings' waste heat and solar energy would warm the bubble, enabling year-round cultivation on the buildings' plots and garden allotments, with stormwater directed to these areas. Alternatively, 5 high-rise apartment buildings could be built in the area of the existing Iku-Arena, as a stormwater retention basin zone will be formed, enabling more lush vegetation. The main plaza is developed as a playground with guests centers for rock climbing, terraces and recreational facilities. Green roofs are used in the arena and event center.

Swiinhvudinkatu is proposed for **small-scale construction** to clarify the street space, possibly including hotel accommodations for event guests and athletes or educational facilities.

The construction of the area and buildings would be carried out in a sustainable manner as possible, using recyclable or renewable building materials. Teivasmäki power plant will be given new life through new functions. The wooden and concrete structures being demolished from the Iku-Arena

facility will be used for local sports facilities, playground area and as a media area for large events, with panoramic views of the entire area.

Landscaping planning brings back the continuation of natural ridge vegetation through the area, reconnecting the currently fragmented Salpausselkä vegetation zone. Existing trees and vegetation zones in the area will be utilized, with their design and boundaries being developed. Along Veikko Kankkonen Raitti, a stormwater retention basin zone will be formed, enabling more lush vegetation. The main plaza is developed as a playground with guests centers for rock climbing, terraces and recreational facilities. Green roofs are used in the arena and event center.

