

DEEP UNDERGROUND CHALLENGE

OFFICIAL REVIEW REPORT

Project: Healow Basmane

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1. Project Description

According the author, this projects provides a sensory detox shelter beneath Izmir/Basmane, transforms the underground into a threshold for health, calm and urban resilience.

Located in the center of Izmir, near Basmane Station and close to the subway, the author provided about 100 m long, 25 m wide, and about 20 m deep construction. The facility create a calm, protective underground atmosphere in the busy heart of most crowded parts of a megapolis.

2. Evaluation by Criteria

Criterion	Assessment
Relevance to the Deep Underground Concept	The project involves the construction of big underground structure in a traditional manner with steel and concrete support elements. Therefore, it does not address the fundamental principles of the Deep Underground Concept.
Geology	The location of the project is Kulturpark, Izmir. In terms of general geological structure and morphology, the basement around İzmir consists of the "Bornova Complex," consisting of an alternation of Upper Cretaceous-Paleocene sandstone and shale. Basmane Station sits atop a deep sequence of soft, water-saturated Plio-Quaternary alluvial deposits, underlain by older Miocene fluvial-lacustrine sequences

and the complex Bornova Mélange basement. Above that there is Neogene cover which is built by siltstones, sandstones, conglomerates, red clastics. The shallow subsurface consists of Plio-Quaternary Fill. These are continental alluvial deposits (gravelly sands, sandy silts, silty clays) typical of the urban basin fill in İzmir Central and at Kültürpark.

This material is not ideal for place for facility, constructed according the deep underground concept.

Sustainability	This project does not address this topic.
Benefit to the Community	The proposal envisions a quite place for people, which could significantly benefit the community.
Use of Modern Technologies	This project provides an use of modern construction techniques, but not from sustainable materials.
Feasibility of Construction	The realization of this object is feasible using modern construction techniques.
Quality of the Design	The design is very detailed, provides the construction and interior elements.
Quality of the Presentation	The project consists of several posters. All submitted material clearly communicates the author's ideas and intentions.

3. Conclusions

This project does not fulfill all the requirements of the Deep Underground Challenge competition and therefore cannot be considered for the main awards.

However, it proposes the underground to be used as a quiet space withing big city, which is impossible to be insured on surface.

From this perspective, *Healow Basmane* is a significant project.

For this reason, the jury grants this project a Special Recognition Award.

