

Answer for questions:5.5.2025

Answers to Questions – May 5, 2025

1. **How many members can a team have?**
There is no limit to the number of team members.
2. **Can I use AI to design?**
Yes, AI can be used in your design process.
3. **How should I prepare my design?**
You can prepare your design in any format, as long as it can be presented on a website. The format will not affect the competition results.
However, if you'd like to present your design to a wider audience, consider preparing a slideshow or video. These may be featured on our YouTube channel.
4. **Are there any examples of underground structures you're looking for?**
Yes, some good examples include:
 - Coober Pedy
 - Derinkuyu
 - Longyou Caves
5. **Where should the construction be located?**
The location is entirely your choice. You may even choose an undefined or fictional location.
6. **How can I fulfill the basic principles of the Deep Underground Concept (DUC)?**
There are two options:
 - a. Choose an undefined location with ideal geological conditions in any landscape (flat, hilly, or mountainous) and design your structure there.
 - b. Choose a specific, real-world location (e.g., your hometown or a known mountain).
In this case, you'll need to research local geology—tools like ChatGPT can help identify the depth of bedrock. If the bedrock is 100 meters deep, for example, your design should reflect that. We recommend watching **Video No. 9**, which explains a similar case.

To fulfill the DUC postulates, please:

- Clearly state which of the two options you've chosen in your project.
 - Watch **Videos 7 and 12** to see how large underground structures can evolve from small tunnels, and how "molehills" can be constructed. Follow this approach, considering limitations shown in **Video No. 20**.
 - Clearly mention in your project that no heavy machinery or large construction crews will be used.
7. **What should the design include?**
We accept everything—from detailed interior design of a single underground room to conceptual designs of entire underground cities for millions of people.
 8. **Must the construction be entirely underground?**
No. Mixed surface-underground constructions are allowed.
 9. **Is there a hidden doomsday scenario behind this concept (as discussed in Video No. 16)?**
Great question. The answer is **no**.

This concept explores positive, creative ways to use underground space. While some people—like preppers or the ultra-wealthy—are building survival bunkers for themselves, we are not aligned with that mindset.

We live on the surface, and there would need to be a compelling reason to go underground. That's why we made a video about how long it would take to relocate the entire global population underground if needed. Unlike preppers who think only of themselves, our project considers **everyone**. That's the difference.

10. Where can I find data about real-world facility locations?

You can use AI tools and publicly available data, including geological and geospatial datasets.

11. How detailed should the design be?

All levels of detail are accepted—from fully detailed interior layouts to conceptual urban-scale plans.

12. Is the competition limited to architects? Can engineers apply?

No, the competition is not limited to architects. **Engineers and others are welcome to participate.**

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J. Čadež, 6.5.2025

Answer for questions:15.4.2025

I received several questions and proposals about this concept in the past two weeks, so I'm providing answers. This answers all those questions.

There were some questions about the concept alone. (Is this a serious concept? Is it a joke? Is there equipment for this?)

1. No joke at all.
2. This is a concept only, and I believe it's a serious one.
3. There is no equipment to execute actions based on this concept yet, but conventional equipment can provide most of constructions provided for deep underground concept.

Who owns the rights for designs? How the designs will be evaluated? What is important? How the money will be transferred? Who pays transfer costs?

4. Design authors.
5. In the following order:
 - a. Fit to the deep underground concept.
 - b. Sustainability.
 - c. Benefit to the community.
 - d. Using modern technologies.
 - e. Being possible to construct (by the rules of deep underground concept).
 - f. Quality of the design.
 - g. Quality of presentation.
6. Most important is fit to the deep underground concept and following design rules. Those are explained in video 20.

7. The list of awarded competitors will be published on site. Those will be asked for payment details. All cost of payment till awarded accounts will be covered by us.

This is very technical. Which videos should I watch? Too much videos. Should I read articles?

Here is an explanation of videos, what is what.

- Video 1 is an introduction.
- Videos 2, 3, and 4a explain the basics of underground construction.
- Videos 4b, 5, 6, 7, and 12 cover the fundamentals of the deep underground concept.
- Videos 8, 9, 14, 15, 16, and 19 explore potential applications of this concept.
- Videos 17 and 18 focus on how this concept could be applied in space.
- Videos 10, 11, and 13 address other topics, such as complementary technologies, the cost of underground construction, and how to bring daylight underground.

If you are an artist or architects, and you don't want to spent too much time, I recommend the following order:

- Watch video 4b (to learn about tunnels and shafts)
- Video 7 (to learn about how to create large underground structures according the deep underground concept)
- Video 12 (to learn about how to create large sub terrain structures according the deep underground concept)
- Video 20. (to learn the rules for the competition)

If you are an artist or architects, looking for ideas, I recommend the following order:

- Video 8 (to create world largest clean energy source)
- Video 9 (to create your own traffic system in your city)
- Video 14 (to save an island sinking into the sea due climate change)
- Video 15 (prevent Norwegians using cars)
- Video 16 (create independent underground city for million people)
- Video 19 (replace desert with heaven gardens)

Or anything else comes to your mind.

If there are more questions, you can ask them any time.

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J. Čadež, 15.4.2025