

IKEA wants you to help building a better everyday for the many!

In our shared search for sustainable innovation we have created a unique opportunity to prototype and test new ways of interacting with your nearby nature through designing a temporary nature dwelling.

Enter your digital delivery on h22.IKEA.com/10daysprint no later than 3 April at midnight (CET).

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A word from IKEA

"In our shared search for **sustainable innovation** we have created a unique opportunity **to prototype and test new ways of interacting with nature**. With a digital platform reaching all parts of the globe, we now invite you, international, creative students, to show us your perceptions and experiences of your local nature through the design of a nature dwelling – a small scale structure to experience and overnight in nature.

We want you to show us designs that frame your local nature and exemplifies your **visions for a greener future** – a future where we will potentially start to see your dwellings pop up all around the world for everyone to enjoy."

– Good luck from the entire team of IKEA

1. Our relationship with nature is changing

The Covid-19 pandemic, mass-migration, rapid urbanization and the devastating impacts of the climate crisis act as a wake-up call. It raises awareness of how urgently we must protect the environment and our common values within it. This new reality has also changed the way we live, move, and work – deeply impacting our routines and the quality of our urban life.

These changes also affect our relationship with nature in our everyday surroundings including our access to it, the values we find in it, and how we interact with it.

2. We are asking you, young creatives, how you want to live with nature in the future?

We want you to tell us your personal experiences, niche interests and vivid ideas for how you want your relationship with nature to be and what kind of influence it should have in your life. We want to learn from you about a natural context that is meaningful to you and how you want to engage differently with it.

Your vision could be for an everyday experience you desire, or a periodic escape you need, it can be of a small fleeting moment, or a monumental reaction.

3. Show us through designing a temporary nature dwelling

You will bring your vision to life through designing its physical manifestation in the form of a dwelling in nature. The scale and enclosure of a temporary dwelling provides the opportunity to realize your vision in a framed and precise manner.

The nature dwellings should be innovative so that they further our common progress towards being more connected with our local nature. The innovation can be in any format, whether cultural or scientific. It can be through changing how we embrace nature, how we harness it, how we support it, how we enhance it or how we perceive it.

4. We will build and exhibit it on a pier in a Swedish green setting

We will choose 3 winning nature dwelling designs that will be built 1:1 as a living exhibition the pier in Helsingborg, Sweden, as part of the City Expo H22.

The harbor is one of the physical manifestations of our global community, exchanging goods from around the world – constantly in motion as containers are imported and exported.

These industrial sites are in many places being transformed into a frozen skyline of residential buildings with limited ways of living.

Before the site transforms we see it as a great opportunity to import ideas of living from our global community, exhibit them and through the city expo being exported globally – they are exhibited to inspire people, and allow them to test your innovative ideas.

5. It will be part of the international City Expo H22

Your project will be part of the international exposition in Helsingborg called H22. H22 is a major initiative by Helsingborg created to develop future solutions aimed at improving quality of life in smarter and more sustainable cities globally. The intention is to reinvent modern cityscapes with a sustainable impact, putting people and planet first.

For 5 weeks Helsingborg will invite the world to explore the newest innovations and smartest ideas. The city will focus on various sustainability related challenges and opportunities at different locations in the city. Your projects will work as the experimental playground within H22, where we push the limits of what is possible and test innovative solutions on a live audience.

6. Your temporary nature dwelling needs to do this

1. Relate to your local nature
2. Exemplify your future vision of living with nature
3. Allow overnight stay for 2 or more people
4. Leave no impact in the natural surroundings or leave the nature in a better state than you found it
5. Be an open source design to be shared with the world

7. Your proposal will be an open source design

Open source design is a concept in which a design is released by the designer and made available for possible modification, redistribution and replication. The open source design model is developed to encourage open collaboration and has the potential of making collaborative, ever improving, high quality design more affordable to more people. Therefore your design of the nature dwelling needs to be accompanied by an open source recipe, that lets anyone, anywhere in the world build your nature dwelling from the given instructions.

The open source recipe should include instructions for production, material use, needed tools, and instructions for assembly and disassembly as well as a realistic estimate of production cost.

We need to be able to build your dwelling from the submitted open source recipe alone in a limited amount of time and while we want innovative solutions, your open source design needs to

be buildable from widely accessible materials and with reasonable production methods.

The design you hand in after the competition period has to be 100% complete and ready for our construction crew to build. Therefore the material you upload has to contain all the information needed for someone else to understand and build it, including a material list, a list of tools needed, and a comprehensive assembly manual (you can take inspiration from the IKEA assembly manuals). If your design includes digital production like CNC or 3D printing, this means including production files with all instructions for production and machine set up.

8. We will share through IKEA's global-reaching digital channels

Our ambition is to help building a better everyday for the many, and for this competition we do that best by sharing your visions and designs through the global-reaching channels of IKEA. Because someone else in the world may be facing a similar problem or having the same dreams of living with nature as you, they could benefit from also being able to build your dwelling design in their local nature. This calls for the design to either function in or be highly adaptable to many different climates and natural surroundings.

We will share the design as an open source recipe, to give other people the ability to build your shelter design.

9. We will evaluate your design through...

... the five principles of democratic design.

IKEA's agenda *to create a better everyday life for the many people* is realized through their dedication to Democratic Design. The five principles of democratic design are Form, Quality, Sustainability, Function and Affordability. In this competition your nature dwelling designs will be judged on the design criteria and evaluated on how well they include and interpret the five principles.

Form

Going beyond the four walls of the home, the nature dwelling design should reflect on the idea of understanding the physical form of the dwelling as an inbetween space of our home and nature.

Quality

Reflect on your project's life cycle. For example, is the dwelling made from cheap but sustainable materials, is the design very durable and long-lasting or is it maybe made from biodegradable materials that become soil after use?

Sustainability

The project should aim at having some form of sustainable aspect or approach. In this case you can consider sustainability as a holistic term focusing equally on environmental, economic and social sustainability.

Function

In addition to the basic function of providing shelter, the project should reflect on the idea of acting as a catalyst, enabling people to connect with nature.

Affordability

The dwelling should be made from affordable and accessible materials, enabling the design to be built anywhere, by anyone.

10. The jury

Marcus Engman – CEO & Creative Director at SKEWED Productions and CCO of IKEA Retail

Marcus Fairs – Founder and editor-in-chief of Dezeen

Anupama Kundoo – Founder of Anupama Kundoo Architects

Nikoline Dyrup – Founding partner at Spacon & X

Nelly Ben Hayon – Designer, artist and Film maker

11. Who can enter this competition?

The Competition is open for anyone to participate in and we encourage you to form a multidisciplinary team, but it is not mandatory – you can also enter the competition as an individual.

If you choose to work as a team, the team may include participants from multiple fields such as architecture, urbanism, environment, engineering, real estate development, sociology, economy, art, etc. International collaboration between universities is also encouraged and you may combine members from the same university or different universities in your team.

12. Keep these dates in mind

25.03.22 12:00 pm (CET)	Competition is released
03.04.22 12:00 pm (CET)	Deadline for uploading your competition submission
25.04.22	Winners of competition announced
30.05.22 – 03.07.22	H22 Expo is open for visitors
03.07.22 –	After H22 the dwellings will be taken down by the IKEA team and maybe be put up at other expositions or be used as a temporary dwelling in a natural setting somewhere

13. Submit this way

Your final proposal should consist of the four following:

Description of the project

- Short description of you or your team, your design and how your specific shelter relates to your local nature.
- (If there are more than 250 competition entries the descriptions will only be used in the final voting, therefore the project should be clear to understand from the poster and the open source recipe alone.)

Competition poster

- One (1) A0 poster that explains your vision and design of the nature dwelling.
- The poster will be placed next to the built dwelling on the harbor front to let visitors understand the vision behind the project when they visit the dwelling.

Nature backdrop

- One (1) photo of the local context your nature dwelling is designed for that will be printed on a large scale and used as a backdrop for your built dwelling. The photo should be in PNG format and you

have to have the rights to use this image (best if you have taken the photo yourself).

Open source recipe

- One (1) open source recipe that allows anyone, anywhere to build the dwelling design in their local environment.
- The recipe should include material use, tools needed, approx. cost of the nature dwelling (for a context you find relevant), and comprehensive instructions for production, assembly and disassembly.
- The Open source recipe should be set up in a similar format as an IKEA manual and uploaded as a pdf

Open source recipe - additional files

- If the open source recipe requires any type of additional files like digital production files, instructional videos or other, you can include a link to these files here.

Submission requirements

All submissions must be written in English.

14. So you won – what happens now?

1. Three winning designs will be built and exhibited at the H22 City Expo in Helsingborg, Sweden, 30 May – 03 July 2022 and the winning proposal will be awarded 5000 Euro
2. One team member from each of the three winning designs will be invited to participate in the H22 City Expo, and to present your dwelling design with costs covered by IKEA
3. The designs and their stories will be featured in design and architecture magazines, and on IKEA's digital channels with global reach

15. Any questions?

Q Does our dwelling need to be designed for both the climates of my chosen context and the pier?

A No, only for your chosen context. If your design wins then we work together to create an environment on the pier to make your nature dwelling hospitable. Fx by creating a new surface or construction to set the scene

Q Is it possible to alter the immediate environment of the dwelling for construction purposes?

A No. The dwelling will be built on a hard surface on the harbor front in Helsingborg.

Q How experimental can our solutions be?

A We would like to see experimental solutions, because this is almost fundamental to innovation. But they need to be within an acceptable risk range that the judges are confident that an uncompromised version of your design will be able to be built.

Q What if our design takes more than 2 weeks to 'build'?

A Unfortunately these solutions cannot be chosen as winners because we need to show fully executed designs at H22, but you may get a special mention.

Q Who owns the intellectual property of our design and what is our relationship with IKEA?

A You, the students, own the intellectual and IKEA have full rights to use your work in communication and marketing. If in the future IKEA would like to commercialize your design then a separate agreement will be formed.

Q Is there a budget limit for the construction?

A In theory no, but one of the Democratic Design Principles that your design is evaluated against is affordability.

Q Can we build it and ship it?

A No, we need to be able to build it from your open source recipe.



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Helsingborg
Sweden