PREFAB 2030

ARCHITECTURE COMPETITION

COMPETITION CONDITIONS

Image © Arca Nova Element OÜ

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ArchiFrame Organisers have prepared this document for the Prefab 2030 architecture competition. Full Competition Terms & Conditions: ***archiframe.fi/en/prefab-home-contest/terms***

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Aim & brief

Architecture should be about making people feel joyful.

We want to help the global building industry embrace creative and livable prefabricated homes over the next decade. We want to support sustainable and flexible ways of building residential communities.

We want your help in creating a joyous prefabricated home that makes the most of the latest building technology. This is about making prefabrication beautiful and exciting, not drab and predictable.

Create a model for a residential building that will be suitable for prefabrication. To create your building, you will need to use Archicad and its extension, ArchiFrame.

Image © Designis

What we are looking for?

- We are looking for a residential building that will serve as the basis for a new kind of pre-fabricated community, eschewing common issues endemic to prefabricated buildings (lack of creativity, monotonous designs).

- We want to see a residential building that is prefabricated without losing any of the joy and creativity of a home.

- We want to see a livable and innovative house design that makes the most of available building materials, embracing their creative and sustainable potential.

The home you design can be located in either a rural, suburban, or an urban environment, and we welcome designs that push the boundaries of what a home can look like.

Criteria for judgement

- Concept & response to the brief
- Innovation & inventiveness of the prefabricated design
- Sustainability & understanding of building materials and process
- Scalability & feasibility of the design
- Use of software to create design (Archicad & ArchiFrame)

Technical requirements & building specifications

Please create a design for a residential home. The home should accommodate a minimum of 2-3 people, but we will also accept micro home designs as well as larger buildings such as skyscrapers. There is no required scale for the building.

Minimum* functionality
(you can add more):

- Living space
- Bathroom
- Kitchen
- Sleeping space

Floor area: no maximum or minimum requirements.

The house can be situated on any site and should be adequately adapted to its environment, making it resistant to heat, cold, rain, snow, and wind etc. We welcome environmentally responsible and energy-efficient ways of providing amenities.

At least the load bearing structures must be modelled in detail using ArchiFrame-tools. Structures do not need to be approved or to be ready to build.

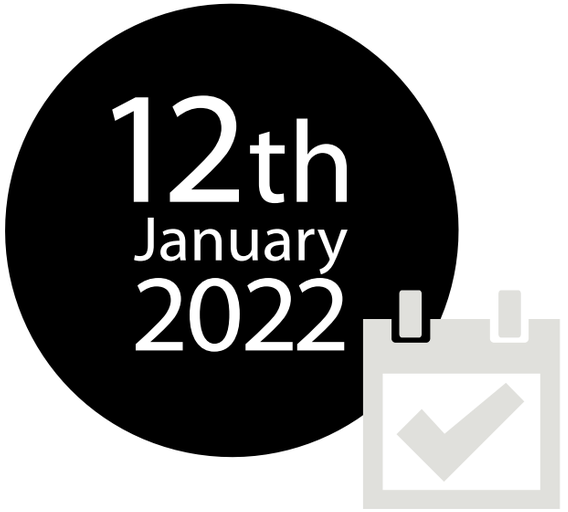
The qualities we have outlined are minimum requirements, and the brief is open to adaption and can be developed further. Just get in touch with us at ***kayleigh@archiframe.fi*** if you need any clarifications on the brief.

Competitors can submit questions regarding the competition. Questions must be submitted by 2 PM EEST on the 24th of November 2021. We reserve the right to publish your question and our answer on our FAQ page or on social media if we feel it may help other contestants. Email your questions to ***kayleigh@archiframe.fi***. Any questions will be published online by 2PM EEST by the 1st of December 2021.

Image © Moelven Industrier ASA

Registration

There are no fees to register. You can register here:
archiframe.fi/en/registration-architecture-competition-prefab2030
Please register by the 12th of January 2022 which is also
the competition entry deadline.



Submission instructions

Compulsory

- Participants are required to upload a maximum of four A2 landscape-orientated presentation boards (must not exceed 5MB per file) with sketches, renderings, plans, sections, elevations, diagrams, and/or other presentation tools to explain their proposal. The entry alias should be visible on every board.

- Archicad model saved as .pla. Example(s) of load bearing structures must be modelled in detail using ArchiFrame-tools. Provide one or several saved views for displaying the structure(s).

- No video files are accepted.

- All information provided in writing must be in English.

- All submissions must be uploaded via the ArchiFrame user panel. Instructions on how to upload the material will be issued to participants via email after registration.

- Presentation boards must not include any information related to an entrant's identity.

Image © 1-2-Tre AS

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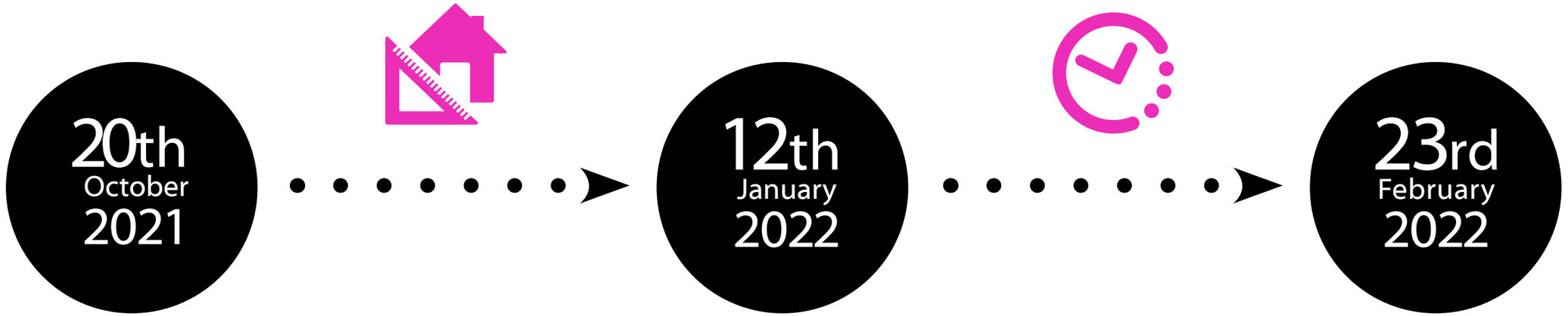
- Author details must be submitted in a separate file alongside the contest entry with the following information:
    - an alias for the competition entry to ensure anonymity
    - names of the designers and the copyright owners
    - contact details (an email address and telephone number).

Participants who do not comply with the requirements will be disqualified.

By submitting a competition entry, you are giving us the right to publish your designs without separate written permission. We won't own your designs and you can still use them elsewhere. You can read more about our full terms and conditions here: ***archiframe.fi/en/prefab-home-contest/terms***.

Timeline



Competition begins

The competition is launched and application period starts.

Final date for registration and deadline for competition entries

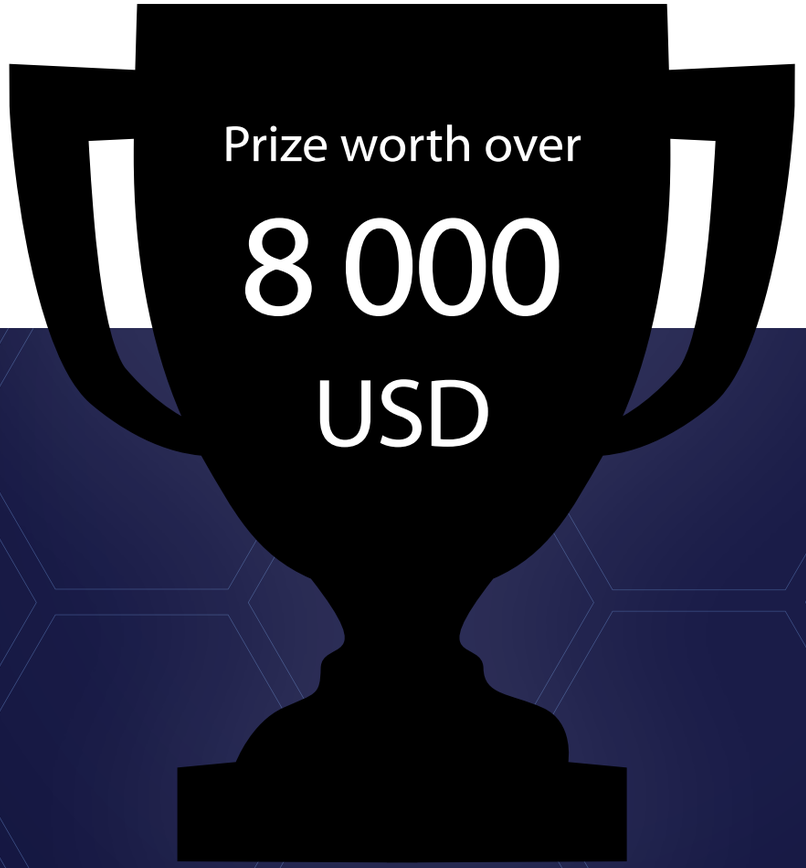
The application and the competition entries will be submitted by 2 pm EEST (UTC+3) on 12th January.

The result of the competition will be announced

The Jury will select the winner of the competition in February 2022

Prizes

Win both ArchiFrame & Archicad licences for one year. Prize worth over 8 000 USD.



The second prize is both ArchiFrame & Archicad licences for six months.

Judges

PÉTER PAALANEN
ArchiFrame & GDL Specialist,
ArchiSolutions Oy, Finland

Péter is an architect with over 15 years of building experience around the world. He is an Archicad & ArchiFrame specialist and works on customizing ArchiFrame and supporting its users.

KRISTOFFER SANDBU
CEO, Graphisoft -
Nordic BIM Group, Norway

Kristoffer is a CEO at Graphisoft Norway. Graphisoft aims to make the construction and real estate industry more efficient by better reusing data and information at all levels using modern digital BIM tools and services.

TRACIE SIMMONS
Managing Director, ARCHVISTA
Consulting, United States

Tracie specializes in connecting architecture, interior design and building clients with resources and people. A published writer, Tracie enjoys sharing how firms are using unique processes and workflows to improve their design and building processes.

FEDERICO LENARDUZZI
CEO & Founder,
Fermat Design, Italy

Federico has worked as an BIM expert at Fermat Design for over 16 years. Fermat Design puts technical integrations and a multidisciplinary approach at the heart of its building software solutions.

CASPER STINENBOSCH
Co-owner and BIM Modeler,
Designis, Netherlands

Casper is co-owner, Structural Designer & BIM Modeler at Designis. The company focuses on architectural, interior, graphic, and spatial design. Designis favors alternative construction methods ranging from private to project design.

GUIDO BAUER
A-NULL Bausoftware GmbH,
Austria

Guido studies Civil Engineering and Architecture at TU Vienna. He has also worked in steel construction and statistics. At A-Null Guido focuses on Archicad, the Structural Analytical Model, ArchiFrame and Rhino/Grasshopper.

Eligibility criteria

The competition is open to all, including existing customers and users. No professional qualifications are required. Design proposals can be developed individually or by teams.

Image © Birkeland AS

Software & download instructions

You can download a free trial version of Archicad here: ***graphisoft.com/try-ARCHICAD***
You can download a free trial version of ArchiFrame here: ***users.archiframe.fi/en/free-trial***
Please get in touch with ***support@archiframe.fi*** if you have any problems using the software.

You can check out these videos to help you get started if you are new to either Archicad or ArchiFrame.

Archicad videos: ***youtube.com/playlist?list=PLnXY6vLUwlWVOYV1cRDAS7hOcxskFbjLz***
ArchiFrame videos: ***youtube.com/playlist?list=PLGkhQXkB177oy8tEvIjh84AjXBvjJJ2J7***

Image © Arca Nova Element OÜ

Get involved

We would love to hear from you and share your story. We welcome videos and written content about your competition entry that we may then publish as part of our media strategy for this contest.

If you want to, we would welcome a short video or blog about your design (in English if possible).

It would be great to hear your thoughts on:

- Your background.
- The story behind your design
- Prefabricated building
- The future of design and engineering

Please note that participating in this process will not affect your actual contest entrance.

Media partners

For potential media partners who are interested in covering the present competition and its winners, please contact *veera@archiframe.fi*

Competition press kit (in English) and banners are available at *archiframe.fi/en/prefab-home-contest/press*

PREFAB 2030

ARCHITECTURE COMPETITION

Prefab 2030 architecture competition.

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The concept and planning for this competition have been developed solely by ArchiSolutions Oy

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