

To whom it may concern

AGPB Office  
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Vienna / Dubai, 23th March 2022

## Media release

### **Austrian EXPO pavilion receives AUSTRIAN GREEN PLANET BUILDING® AWARD**

**Vienna / Dubai, 23th March 2022.** Austrian Green Planet Building® (AGPB) stands for high-quality standards in sustainable construction: Energy efficiency and renewable energy supply are the key factors for a largely CO2-neutral building sector, are therefore the focus of the Austrian Green Planet Building® Award. AGPB is an umbrella brand jointly supported by the **Federal Ministry for Climate Action, Environment, Mobility, Innovation and Technology (BMK)** and **AUSSENWIRTSCHAFT AUSTRIA (AWA)**, which honours outstanding achievements of Austrian planning offices, consultants, construction companies and production enterprises for their construction activities abroad. AGPB translates the objectives of the **national climate action initiative klimaaktiv** for the construction and real estate industry into the international environment. **In Austria, around 1,200 buildings already comply with the high-quality klimaaktiv building standard, which is also used worldwide as a basis for assessment for the AGPB AWARD.**

Due to the worldwide pandemic with serious consequences for the global construction industry, the award format has been suspended in the meantime, but in the background numerous foreign projects of Austrian companies could be identified that meet the high standards of the AGPB.

**The first project in 2022 to receive the AUSTRIAN GREEN PLANET BUILDING® AWARD is the national EXPO pavilion at the current World Expo in Dubai.**

The exhibition building designed by querkraft architects was inspired by historical wind towers and the climate-regulating properties of Arabian clay architecture. Reinterpreting the building traditions of the EXPO host country, 38 intersecting cones of different heights form the distinctive shape of the Austrian EXPO pavilion. Grouped around three green courtyards, exciting and unique spatial sequences with different atmospheres are created both inside and out. Surfaces made of clay plaster and an omnipresent interplay of light and shade through cleverly placed openings create a lively exhibition architecture that is highly accepted by visitors and makes them feel at ease. Amid the hustle and bustle of the Expo, a place of deceleration and tranquillity with a pleasant indoor climate, daylight and a connection to nature has been created, which has recently been awarded prestigious international architecture prizes such as the "German Design Award", the "Built Design Award" and the "Global Architecture & Design Award".

The **AUSTRIAN GREEN PLANET BUILDING® AWARD**, which has now been presented by the Ministry of Climate Action, recognises the outstanding achievements in the field of sustainability, energy efficiency and climate protection. From the very beginning, the EXPO Pavilion was designed with economical use of resources in mind; unlike many other exhibition buildings, it can continue to exist after the World Expo. This is made possible by the construction of only eight different types of prefabricated elements. After the 182 days of EXPO 2020, the cones can be dismantled into their individual parts and reassembled at a new location in the Arab world.

The interplay of local building tradition and intelligent climate engineering from Austria makes it possible to largely dispense with conventional air-conditioning technology in the hot desert climate. Compared to buildings of a similar type and use, the energy demand could be reduced by more than 70 percent. The pavilion, which was planned by querkraft together with a comprehensive Austrian consulting team, thus makes an intercultural contribution to the energy debate and to questions of climate-sensitive construction.

**Appendix:** Author's sheet, photo material

**Project description with all participants, photos, presentation video and graphics:**

<https://www.agpb.at/en/expo20.htm>

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**The web portal with further information and already awarded projects can be found at:**

**Austrian Green Planet Building - [www.agpb.at](http://www.agpb.at) - [www.greenplanetbuilding.net](http://www.greenplanetbuilding.net)**

## VERFASSERBLATT

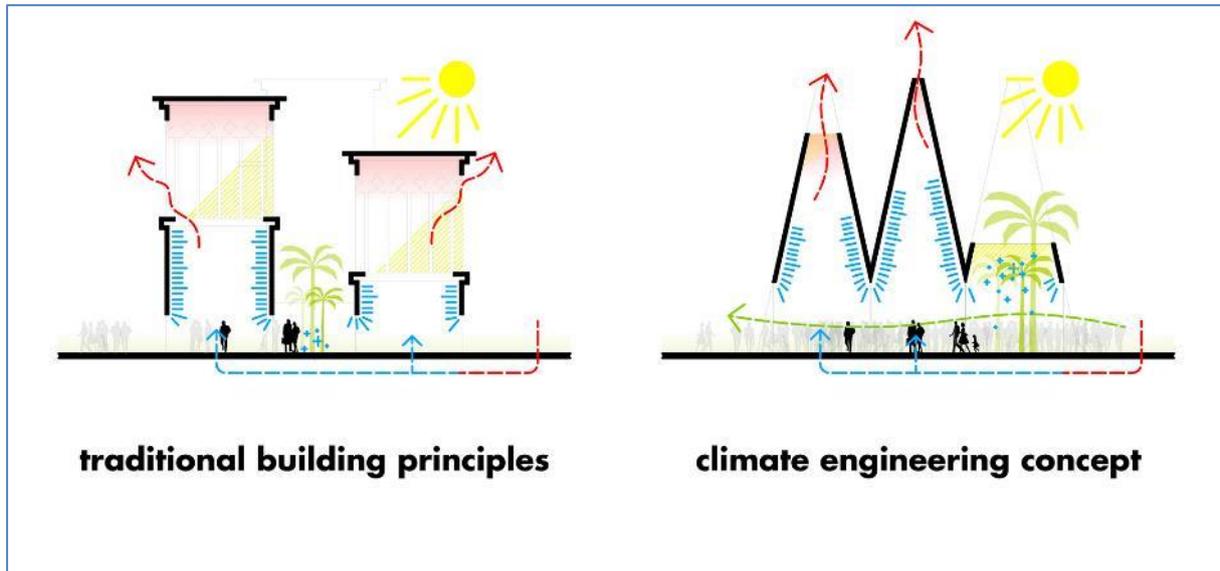
<b>Location:</b>	Dubai, VAE
<b>Size (GFA):</b>	1.600 m <sup>2</sup>
<b>Completion:</b>	09/2021
<b>Client:</b>	Wirtschaftskammer Österreich / Bundesministerium für Digitalisierung und Wirtschaftsstandort
<b>Architecture/General Planner:</b>	querkraft architekten
<b>Project control:</b>	Werner Consult
<b>Statics:</b>	Werkraum Wien / WME Engineering Consultants
<b>Climate Engineering:</b>	Ingenieurbüro P. Jung
<b>Building services:</b>	Obkircher Plus / WME Engineering Consultants
<b>Landscape planning:</b>	Kieran Fraser Landscape Design / Green4Cities
<b>Fire protection:</b>	Design confidence
<b>Lighting design:</b>	Pokorny Lichtarchitektur
<b>Acoustics:</b>	David Haigner
<b>IT/security planning:</b>	Architects of records: WME Engineering Consultants
<b>Exhibition design:</b>	Büro Wien / Ars Electronica Solutions
<b>Graphic design:</b>	Bleed Vienna
<b>Costing:</b>	Vienna consulting Engineers
<b>Model making:</b>	Modellwerkstatt Gerhard Stocker / Design & Function
<b>Visualisation:</b>	Patricia Bagienski
<b>Photos:</b>	querkraft / Kieran Fraser Landscape Design / Ars Electronica Solutions / Andreas Keller Fotografie



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