



# AIRPORT OF THE FUTURE



**2018/2019 IDEA COMPETITION FOR STUDENTS**

## ABOUT THE COMPETITION

Global commerce and the unprecedented demand for travel and have resulted in the proliferation of airports around the world. In their short history, terminal buildings have been criticized for employing generic architectural forms that are unapologetically disconnected from their context and cultural identity. Technical complexity and functional design have often taken precedence over quality and comfort for users.

In less than a century, the airport has emerged as a new architectural typology that is as important as other large-scale public buildings such as museums, libraries, temples, and courthouses. Airports are among the most complex and highly frequented transportation hubs, but they are also increasingly important places for work, commerce, recreation, and culture. The rapid evolution of airports necessitates the incorporation of the latest developments in technology, design, and social trends around the globe.

## ELIGIBILITY

The Fentress Global Challenge (FGC) competition is open to graduate and undergraduate students who are currently pursuing architecture or engineering degrees in an accredited university program, as well as recent graduates (within the last four years) with a degree in architecture or engineering. Students must provide proof of active enrollment status: a scanned copy of their student ID and current course schedule. Recent graduates must provide a scanned copy of their diploma.

## GUIDELINES

Participants of the (FGC) are encouraged to re-envision the terminal building in the year 2075. Concepts will integrate Fentress' Touchstone 2: Use context to create identity. Context is more than an intellectual consideration of the history or physical appearance of a neighborhood, city or state, and it's more than the way new will live with old. Context draws on the senses and memories that define a place and make it unique. Context grows from community, and people respond to it.

Based in logic, beauty and humanism, our Eight Touchstones of Design™ form the foundation for our approach to public architecture and guide our "patient search" to discover the art inside.

[More on Fentress' Eight Touchstones of Design](#)

In line with the speculative nature of the competition, participants should seek to improve every dimension of the airport terminal building. All entries should delve into one or more broad topic related to airport architecture and the future of aviation such as mobility, urbanization, globalization, technology, flexibility, security, project feasibility, and passenger experience in 2075.

Designs must center on one of these airports, or one of comparable size:

- ATLANTA GA, US (ATL)
- BEIJING, CN (PEK)
- LONDON, GB (LHR)
- CHICAGO IL, US (ORD)
- TOKYO, JP (HND)
- LOS ANGELES CA, US (LAX)
- PARIS, FR (CDG)
- DALLAS/FORT WORTH TX, US (DFW)
- FRANKFURT, DE (FRA)
- HONG KONG, HK (HKG)

The submission must take into account existing runways and land restrictions of the chosen airport. Participants should create a new airport concept that replaces current terminal structures.

## EVALUATION CRITERIA

Use clear, concise language to convey ideas, key points, and design solutions. Photographs, diagrams, renderings, animations, collages or other visualizations are encouraged to help explain the concept, respecting the guidelines previously described. Please label drawings.

### **CREATIVE APPROACH**

The design approach is innovative and inspiring. Both the concept and design solution are presented through unique and compelling graphics and other media.

### **RESPONSE TO SITE**

The design honors the physical attributes of the site's context and culture. The overall design strategy matches the global and local demographic requirements of the location. Again, use context to create identity.

### **SUSTAINABILITY**

The design considers the airport's environmental impact and energy use. The overall design strategy considers and responds to notions of social sustainability, occupant lifestyle, and well-being.

### **FUNCTIONALITY**

The planning and building organization is clear and appropriate. The design solution contains a defined and well-articulated structural, technical, and constructible rationale.

## AWARDS

1ST PLACE – US\$10,000 Cash + Event

The top prize includes US\$10,000 cash and the opportunity to accompany Curt Fentress to a prestigious architectural event where you will receive your award. Airfare, lodging, and entrance fee will be paid for by Fentress Architects, not to exceed US\$5,000. Winners are responsible for obtaining necessary visas and paperwork. If entering as a group, the monetary prize and attendance at the architectural event will be distributed equally.

2ND PLACE – US\$3,000

3RD PLACE – US\$2,000

2 PEOPLE'S CHOICE AWARDS – US\$1,000

## FGC FELLOWS

Winners of the competition will be elevated to a Fentress Global Challenge Fellow. Of the thousands of entries Fentress Global Challenge (FGC) has garnered since debuting in 2011, up to four teams earn top honors each year. In 2018, FGC Fellows was created to recognize a select and dynamic group of past award winners.

Fellows are chosen for their:

- Engagement in and elevation of the discourse on public architecture
- Active participation in mentorship programs
- Demonstration of a growing commitment to their community

FGC supports Fellows by facilitating events and other forums that afford networking opportunities and access to not only peers, but also industry leaders looking to connect, share ideas and discuss projects. Fellows are also invited to sit on future FGC award juries and collaborate on papers and other thought pieces.

## COMPETITION SCHEDULE

Competition Announcement	May 31, 2018
Design Submission Deadline	May 31, 2019
Shortlist Announcement	July 1, 2019
Winners Announcement	July 29, 2019
Architectural Event	Fall 2019

## SUBMISSION REQUIREMENTS

By the end of the day on May 31, 2019 (23:00 GMT), participants must register and upload competition materials to their profile page on [www.fentressglobalchallenge.com](http://www.fentressglobalchallenge.com).

The official language of the competition is English and the official unit of measurement is the inch.

The design concept shall be submitted in PDF format and include:

- Up to 8 pages in 11-inch x 17-inch format, landscape orientation

- Each of the 8 pages must have a page number and the team name
- File must be named as follows: 2018/2019\_team name\_design concept name.pdf
- The submission must have a design concept title, a 400-word description, and a brief description of the team or individual submitting
- Supporting diagrams, plans, sections and perspectives are encouraged
- The digital file may be no larger than 100mb
- In a separate PDF, please include student IDs of the group members

Plagiarism and/or cheating will result in disqualification.

## JURY

The Competition will be judged in two stages by two panels of distinguished experts. The first-round jury will select the top 15 designs for the final jury to review. The final jury will select the three finalists. Members of the jury will be announced early autumn and will include airport directors, futurists, sustainability experts, airport architects, and the Fentress Fellows. Voting for the People's Choice Award will take place on the Fentress Architects Facebook page and will include only the shortlisted submissions. The two submissions with the most "likes" will win a prize of US\$1,000.

## GENESIS OF THE FENTRESS GLOBAL CHALLENGE

The Fentress Global Challenge is an annual international design competition that was created in 2011 to engage students worldwide in the exploration of future possibilities in public architecture.

It was after Curtis Fentress, FAIA, RIBA, was honored with the 2010 AIA Thomas Jefferson Award that the idea for the Global Challenge was conceived. The award is the AIA's highest honor for public architecture, and in many ways, the Fentress Global Challenge represents the firm's commitment to continuing the vision of that award—to further advance the pursuit of innovative design in public architecture. The competition generated more global interest than imagined, with over 1000 student registrations from 77 different countries in the first year alone.

## RULES AND REGULATIONS

By participating in the Fentress Global Challenge, participant accepts these rules and regulations and all other terms related to the Fentress Global Challenge.

- No changes are allowed once an entry is submitted unless approved by Fentress Architects.
- Participant agrees that, if requested by Fentress Architects, he or she will supply high resolution images for marketing, printing, or exhibition.
- All materials submitted for the competition must be the participant's original work. It is the participant's sole responsibility to ensure that the work submitted does not infringe upon the intellectual property rights of any third-party, including but not limited to copyright, trademark, and design rights. Fentress Architects shall not be responsible for participant's infringement of any third-party intellectual property rights. Participant shall indemnify

and hold harmless Fentress Architects against any claims related to third-party intellectual property rights regardless of whether said infringement was known, unknown, or should have been known by participant.

- Participant agrees that Fentress Architects and competition sponsors are granted the non-exclusive reproduction rights to all entries for Fentress Architects' advertising, promotion, exhibition, print publication, and internet purposes directly relating to the competition. Fentress Architects shall have no responsibility for the unauthorized use of entrant's works by any third party, including but not limited to the sponsors.
- All published and online media, including social media, related to the Fentress Global Challenge must be reviewed and approved by Fentress Architects.
- No prize transfer, assignment, or substitution by winners is permitted. If a prize (or part of a prize) is unavailable, Fentress Architects, in its discretion, reserves the right to substitute the original prize (or that part of the prize) with an alternative prize to the equal monetary value and/or specification, unless to do so would be prohibited by law.
- Entrants agree that personal data, especially name and address, may be processed, shared, and otherwise used for the purposes and within the context of the contest and any other purposes outlined in these official rules. The data may also be used by Fentress Architects in order to verify the participant's identity, postal address, and telephone number or to otherwise verify the participant's eligibility to participate in the contest. Participants have the right to access, review, rectify, or cancel any personal data held by Fentress Architects by writing to Fentress Architects, c/o Fentress Global Challenge, 421 Broadway, Denver CO 80203, USA. Fentress Architects will use personal data exclusively for the purposes stated herein.
- Fentress Architects reserves the right to verify the validity and originality of any entry and/or entrant (including an entrant's identity and address) and to disqualify any entrant who submits an entry that is not in accordance with these official rules or who tampers with the entry process. Failure by Fentress Architects to enforce any of its rights at any stage does not constitute a waiver of those rights.
- Fentress Global Challenge rules and regulations are subject to change without notice.
- If for any reason the contest is not capable of running as planned, due to infection by computer virus, denial of service attacks, tampering, unauthorized intervention, fraud, technical failures, or any other causes beyond the control of Fentress Architects that corrupt or affect the administration, security, fairness, integrity, or proper conduct of this contest, Fentress Architects reserves the right, at its sole discretion, to disqualify any individual(s) who tamper with the entry process, and/or to cancel, terminate, modify, or suspend the contest. If Fentress Architects elects to cancel or terminate the contest, Fentress Architects will not retain any rights to the submitted designs.
- Any claims related to participation in the competition must be brought in Denver, Colorado, USA, and will be governed by the laws of the State of Colorado. This contest is void where prohibited.

## QUESTIONS & ANSWERS

All information can be found at [www.fentressglobalchallenge.com](http://www.fentressglobalchallenge.com).

Additional questions should be emailed to: [info-fgc@fentressarchitects.com](mailto:info-fgc@fentressarchitects.com)