

LafargeHolcim Awards

The world's most significant competition for sustainable design

Step-by-step guide Regional LafargeHolcim Awards 2019/20

6th International LafargeHolcim Awards competition
for sustainable construction projects and Next Generation visions

Welcome to the 6th LafargeHolcim Awards

REGISTRATION

Registrations in the 6th International LafargeHolcim Awards competition to promote sustainable construction are open until **February 25, 2020** (14:00 UTC).

NEW ENTRY

Create a new entry

**OPEN
FOR ENTRIES**

RE-ENTER HERE

to edit your ongoing submission.

Entry ID

HW20-ABCDE

Password

Remember me

Sign in

[Forgot password?](#)
[Change password](#)

FURTHER INFORMATION

Quick guide

Brief overview of the main conditions and requirements.
[Quick guide](#) +

Step-by-step guide

Comprehensive information and examples on how to enter the competition.
[Step-by-step guide](#) +

[Privacy Policy](#) +

[Cookies Policy](#) +

[Imprint](#) +



This Step-by-step guide provides comprehensive information and examples on how to enter the competition. The English version and any available translations may be downloaded at www.lafargeholcim-awards.org/guide

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June 2019 ver. 1

LafargeHolcim Awards

Overview

Aim and objectives

The 6th International LafargeHolcim Awards competition seeks building solutions and visions that go beyond convention to address the challenges of sustainability. Registration is open until Tuesday, February 25, 2020 (14:00 hrs UTC or GMT) at www.lafargeholcim-awards.org/enter

The LafargeHolcim Awards promote innovation in sustainable construction through a series of regional and global competitions. Prizes at both levels total USD 2 million for each three-year competition cycle.

Project eligibility

The LafargeHolcim Awards competition has two categories: LafargeHolcim Awards main category and Next Generation young professionals and students category. In both categories, the project must not have commenced execution prior to January 1, 2019. There is no limit to the number of projects that any individual or team may enter in the competition. The same project may not be entered in both categories of the competition.

The LafargeHolcim Awards main category is for exemplary sustainable construction projects at an advanced stage of design from architecture, engineering, urban planning, materials and construction technology, and related fields. There is no age restriction for project authors.

The Next Generation young professionals and students category is for visionary design concepts and bold ideas. Authors can be no older than 30 years of age (date of birth must be later than June 4, 1988).

Students and professionals under 30 years of age are welcome to submit entries in the LafargeHolcim Awards main category for projects that are at an advanced stage of planning and highly likely to be realized.

Entries must be submitted in English only, the principal and legally binding language of the LafargeHolcim Awards competition. Entries must be submitted using the online entry form at www.lafargeholcim-awards.org/enter. Links to websites and multimedia will not be considered as part of the application. No written applications (hard copy) will be accepted.

If you have any difficulties in using the online entry form, please contact the Helpdesk helpdesk@lafargeholcim-awards.org

Competition regions

Entries in the competition are allocated to a region based on the location of the project (not the location of the author/s). These regions are: Europe, North America, Latin America, Middle East Africa, and Asia Pacific. For submissions where no site has been selected, "region" is defined by the country of residence of the Project Contact.

Prizes

The total prize money for each cycle of the LafargeHolcim Awards competition (regional and global levels) is USD 2 million.

Awards, Acknowledgements and Next Generation prizes will be presented at LafargeHolcim Awards ceremonies in each region (Europe, North America, Latin America, Middle East Africa, and Asia Pacific) between September and November 2020.

LafargeHolcim Awards

LafargeHolcim Awards main category

The total prize money for each of the five regional LafargeHolcim Awards competitions is USD 330,000 (USD 260,000 in the main category):

- LafargeHolcim Awards Gold USD 100,000
- LafargeHolcim Awards Silver USD 50,000
- LafargeHolcim Awards Bronze USD 30,000
- 4 x LafargeHolcim Awards Acknowledgement prizes of USD 20,000 each

LafargeHolcim Awards Next Generation category

The total prize money for each of the five regional LafargeHolcim Awards competitions is USD 330,000 (USD 70,000 in the Next Generation category):

- LafargeHolcim Awards Next Generation 1st prize USD 25,000
- LafargeHolcim Awards Next Generation 2nd prize USD 20,000
- LafargeHolcim Awards Next Generation 3rd prize USD 15,000
- LafargeHolcim Awards Next Generation 4th prize USD 10,000

Global LafargeHolcim Awards

The 15 recipients of regional LafargeHolcim Awards Gold, Silver and Bronze are automatically nominated for the Global LafargeHolcim Awards in 2021. The prize money of the Global LafargeHolcim Awards competition is USD 350,000:

- Global LafargeHolcim Awards Gold USD 150,000
- Global LafargeHolcim Awards Silver USD 100,000
- Global LafargeHolcim Awards Bronze USD 50,000
- Global LafargeHolcim Jury Wild Card Awards from a budget of USD 50,000

Juries

After a centrally-performed technical pre-assessment, individual juries in each of the five regions will evaluate and rank the entries. The juries consist of independent, renowned representatives from science, business and society. The regional juries are supported by associated universities of the LafargeHolcim Foundation and coordinated by the Academic Committee (AC) of the LafargeHolcim Foundation.

For more information on juries see: www.lafargeholcim-awards.org/juries

Associated universities

The LafargeHolcim Foundation counts upon competent support, especially in the technical field. Some of the world's leading technical universities are affiliated with the Foundation. The universities include:

- Swiss Federal Institute of Technology (ETH Zurich and EPFL Lausanne), Switzerland which leads the Academic Committee of the LafargeHolcim Foundation
- American University in Cairo (AUC), Egypt
- American University of Beirut (AUB), Lebanon
- Ecole Supérieure d'Architecture de Casablanca (EAC), Morocco
- Illinois Institute of Technology (IIT Chicago), Chicago, USA
- Indian Institute of Technology (IIT), Mumbai, India
- Massachusetts Institute of Technology (MIT), Cambridge, USA
- National University of Singapore (NUS), Singapore
- Tongji University (TJU), Shanghai, China
- Tsinghua University (THU), Beijing, China
- Universidad Iberoamericana (IBERO), Mexico City, Mexico
- Universidade de São Paulo (USP), Brazil
- University of British Columbia, Vancouver, Canada
- University of Melbourne, Australia
- University of the Witwatersrand (Wits), Johannesburg, South Africa

LafargeHolcim Awards

Step-by-step guide

The content of this Step-by-step guide is subject to change without notice. The English version is legally binding. Translations of the guide may also be available at: www.lafargeholcim-awards.org/guide

Schedule

Regional Awards 2019/20

- Competition opens June 4, 2019 at 14:00 hrs UTC
- Q&A platform and Helpdesk from June 4, 2019 until closing
- Close of registration February 25, 2020 at 14:00 hrs UTC
- Jury meetings by region June to July, 2020
- Awards ceremonies by region September to November, 2020

Global Awards 2021

- Global jury meeting March 2021
- Global Awards handover events from mid-2021

Results

All Awards juries select the competition winners, using the “target issues” for sustainable construction. Led by the respective associated universities of the LafargeHolcim Foundation, the juries consist of independent, regionally-renowned representatives from science, business and society. Members of the juries are listed on the Awards website at: www.lafargeholcim-awards.org/juries

The Project Contact (as nominated in the entry form) of all short-listed projects will be contacted following the jury meeting to complete the project verification process. The actual prize allocated (LafargeHolcim Awards Gold or Silver or Bronze, or LafargeHolcim Awards Acknowledgement; and Next Generation 1st or 2nd, 3rd or 4th) will not be disclosed until the regional Awards hand-over ceremony.

All Main Authors, Further Authors, and Project Contacts (where applicable) are informed via email of the competition results immediately after they are announced at the five regional Awards ceremonies from September to November 2020; and following the deliberation of the Global Awards jury in March 2021. The results are also communicated through print and electronic media.

LafargeHolcim Awards

Conditions

Evaluation criteria

The LafargeHolcim Foundation has identified a set of five “target issues” for sustainable construction, which serve as a basis for the evaluation of submissions in the LafargeHolcim Awards competition.

The “target issues” are:

- Innovation and transferability – PROGRESS
- Ethical standards and social inclusion – PEOPLE
- Resource and environmental performance – PLANET
- Economic viability and compatibility – PROSPERITY
- Contextual and aesthetic impact – PLACE

For more information on “target issues” see p. 43 of this guide and: www.lafargeholcim-awards.org/target

Participation

LafargeHolcim Awards main category

Entries for the Awards main category may be submitted by the project’s design and construction team, which consists of the author(s) and all other persons responsible for the project. Eligible for participation are private/public promoters or clients, investors, architects, planners, engineers, construction firms, contractors, and builders involved in the project, providing that they hold the right of authorship or are participating in agreement with the person(s) holding the right of authorship. An authorized Contact Person must be nominated to act as the sole point of contact regarding the submission.

Next Generation young professionals and students category

Entries for the Awards Next Generation category may be submitted by the project’s design team. The maximum age of authors is 30 years at the opening of the competition (date of birth must be later than June 4, 1988). An authorized Contact Person must be nominated to act as the sole point of contact regarding the submission.

The Awards Next Generation category is open only to visionary design concepts and bold ideas. Project authors aged 30 and younger are not restricted from submitting entries for the Awards Next Generation category – they should enter the Awards main category only if their project has reached an advanced stage of design and is most likely to be realized.

Impediments/Conflict of interest

Persons who, due to their collaboration in the preparation or running of the competition, might be in a favored position, able to influence the jury’s decision or have any other (matured or unmatured) conflict of interest are ineligible to enter the competition.

This concerns in particular, all jurors, examiners and guests as well as their spouses, first and second-degree relatives or in-laws and their permanent business or project partners and the immediate superiors and collaborators of ineligible persons. Staff of LafargeHolcim, and staff of associated universities of the LafargeHolcim Foundation may only participate if they are/were not directly involved in the preparation or running of the competition.

LafargeHolcim Awards

Consent

By virtue of participation in or by contribution to the competition, all parties including participants, jurors, examiners and guests declare their consent to the present conditions. By contributing to the competition, entrants agree to accept the decision of the respective jury as final. There is no right of appeal and no participant shall have recourse to any national or international court of law.

Ownership and copyright

Although the right of authorship, including protection against the copying of ideas, and the right to publication of the design remains with each author, the latter explicitly grants the LafargeHolcim Foundation for Sustainable Construction and LafargeHolcim the right to use the data, documents, images and files submitted in its entirety or partly, in original or edited format, internally or externally, in every form and for any purpose whatsoever in relation to the LafargeHolcim Awards competition.

Documentation

Submitted projects may be compiled by the LafargeHolcim Foundation for Sustainable Construction and LafargeHolcim for public access in electronic and/or printed format, giving credit to the authors and their collaborators in compliance with the authorship declaration.

LafargeHolcim Awards

Project submission

Step 1 – Category and Project Group

Category

Please indicate the category into which you wish to submit your project. You may change the category at any time before entries close.

- LafargeHolcim Awards main category
- Next Generation young professionals and students category

Project Group

There are three “Project Group” clusters in the LafargeHolcim Awards competition:

- Group 1: Architecture, building and civil engineering
- Group 2: Landscape, urban design and infrastructure
- Group 3: Materials, products and construction technologies

Please indicate the type of project you wish to submit. The type of project alters some of the information requested under Step 3 (Project data and description), but will have no impact on the jury evaluation process. You may change the project group selected at any time before entries close.

Step 2 – Author(s) and contact details

Please enter the personal and contact details of the individual who will be the sole point of contact for administrative and legal purposes between the entry and the Foundation. The Project Contact can also be a Main Author or Further Author of the project (items marked * are compulsory):

LafargeHolcim Awards main category

- | | |
|--------------------------------------|-------------------------------|
| • Title* | • Address* |
| • Name* | • Organization |
| • Profession* | • Telephone* |
| • Position (within the organization) | • Email* |
| • Date of birth* | • Website |
| • Gender | • Distribution of prize money |

Next Generation young professionals and students category

- | | |
|--------------------------------------|-------------------------------|
| • Title* | • Telephone* |
| • Name* | • Email* |
| • Profession* | • Website |
| • Position (within the organization) | • Study program* |
| • Date of birth* | • Main discipline and status* |
| • Gender | • University contact* |
| • Address* | • Name of university* |
| • Organization | • Distribution of prize money |

Legal guardian/parent for authors under 18

Authors under the age of 18 at the close of submissions (date of birth February 26, 2002 or later) are advised to obtain permission from a parent or guardian before entering the competition.

The required consent will be asked in an additional section “Legal guardian”:

- | | |
|--------------------------|--------------------|
| • Guardian title | • Guardian address |
| • Guardian name | • Guardian email |
| • Guardian date of birth | |

LafargeHolcim Awards

Step 3 – Project data and description

There are three “Project Group” clusters in the LafargeHolcim Awards competition with different information fields based on the type of project. The following information is required for projects (items marked * are compulsory):

Group 1 – Architecture, building and civil engineering

- Project title*
- Client*
- Intervention*
- Status of planning*
- Status of permission*
- Planned start of construction*
- Project background*
- City*, Country*
- Latitude*, longitude*, elevation*
- Submitted in any other competition*
- Title of other competition and outcome (where applicable)
- Project summary and statements on sustainability*
- CO₂ lifecycle assessment* (Main category only)
- Project details including GFA, GV, construction costs, site area, footprint area, building height, building depth
- Further relevant key figures
- Materials*

Group 2 – Landscape, urban design and infrastructure

- Project title*
- Client*
- Intervention*
- Status of planning*
- Status of permission*
- Planned start of construction*
- Project background*
- City*, country*
- Latitude*, longitude*, elevation*
- Submitted in any other competition*
- Title of other competition and outcome (where applicable)
- Project description and statements on sustainability*
- CO₂ lifecycle assessment* (Main category only)
- Project details including site area, footprint area and construction costs
- Further relevant key figures
- Materials

Construction costs

For construction costs please use US dollars (USD). The construction costs in both Group 1 and Group 2 should include the following elements:

- Structure construction works: including excavation, foundations, external walls, internal walls, floors and ceilings, roofs, structural fittings and other construction-related activities such as site equipment, scaffolding, and demolition work.
- Structure services: including sewage, water and gas systems, heat supply systems, air treatment systems, power installations, telecommunications and other communications systems, transport systems, function-related equipment, fittings, building automation, and other services-related work.

LafargeHolcim Awards

Group 3 – Materials, products and construction technologies

- Project title*
- Client*
- Status of planning*
- Planned start of construction*
- Project background*
- City*, Country*
- Dimensions*
- Patent status*
- Submitted in any other competition*
- Title of other competition and outcome (where applicable)
- Project summary and statements on sustainability*
- CO₂ lifecycle assessment* (Main category only)
- Materials and production methods*
- Financial concept*
- Technical data*

CO₂ lifecycle assessment

The CO₂ lifecycle assessment is applicable ONLY for submissions in the Main Category where it is compulsory. The CO₂ lifecycle assessment is NOT part of the Next Generation Category entry form.

Considering the mandate of the Paris Climate Agreement under the UN Framework Convention on Climate Change (adopted 2015 and ratified 2016), global greenhouse emissions must be significantly reduced in the future.

Accordingly, the LafargeHolcim Awards seeks projects that make a contribution toward this objective. What measures have been taken to reduce the CO₂ emissions of your project? Please outline in a few sentences your thoughts on the matter in a qualitative narrative, up to 800 characters including spaces.

LafargeHolcim Awards

Step 4 – Project images

Number of images

A minimum number of 5 and a maximum of 10 images (e.g. photos, drawings, plans, etc.) plus an additional author/team photo are required. An image file can be composed of two or more images and contain texts and tables provided readability is assured.

The juries will receive all data provided in both printed and digital format. The printed copies consist of two DIN A3 pages including all images, texts and project information; similar to the confirmation PDF you can download after submission of your application.

The approximate image sizes for printed copies are: images #1 and #2: 127 mm x 96 mm and all further images: 63 mm x 46 mm.

Image size

Images may not exceed 9,000 x 6,750 pixels or 15 MB. Files should be in high-resolution, sufficient to produce clear images in the application form (at least 2,400 x 1,800 pixels or 3 to 5 MB recommended as a minimum). Please allow sufficient time to upload large image files, particularly with slower Internet connections. Image file names must contain only standard Latin characters.

Image formats

Images are presented in landscape format in the proportion 4:3 (e.g. 9,000 x 6,750, 4,500 x 3,375, 2,400 x 1,800 pixels). Portrait format images or landscape images not in ratio 4:3 may be used, but will not utilize the full image space available.

Images must be in JPG, PNG, BMP or TIF format. AutoCad or PDF files are not permitted. All images must use the RGB color set. Images in CMYK color set will be converted into RGB and may lose resolution or not render colors as accurately.

Step 5 – Revision and submission

The information provided in all steps of the submission process will be reviewed. An error message for missing or invalid information will link to the relevant step of the online entry form. At the end of the review process the application is ready to be submitted.

Further questions

For more information please refer to:

Q&A platform

Questions concerning the competition procedure or technical support for completing the online entry form are listed on the Q&A platform.

www.lafargeholcim-awards.org/qa

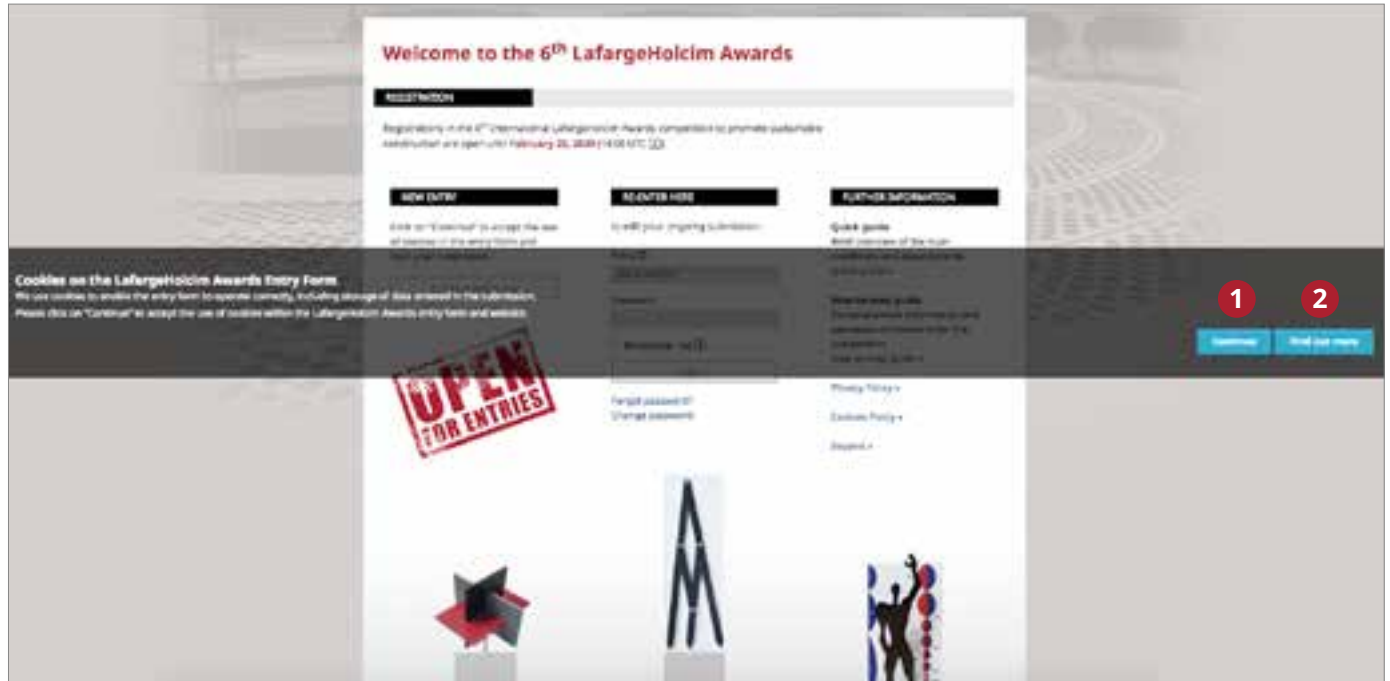
Helpdesk

If you require further clarification, please contact the Helpdesk. Questions may only be submitted in English. We aim to reply to all questions within one business day.

helpdesk@lafargeholcim-awards.org

LafargeHolcim Awards

Cookie alert

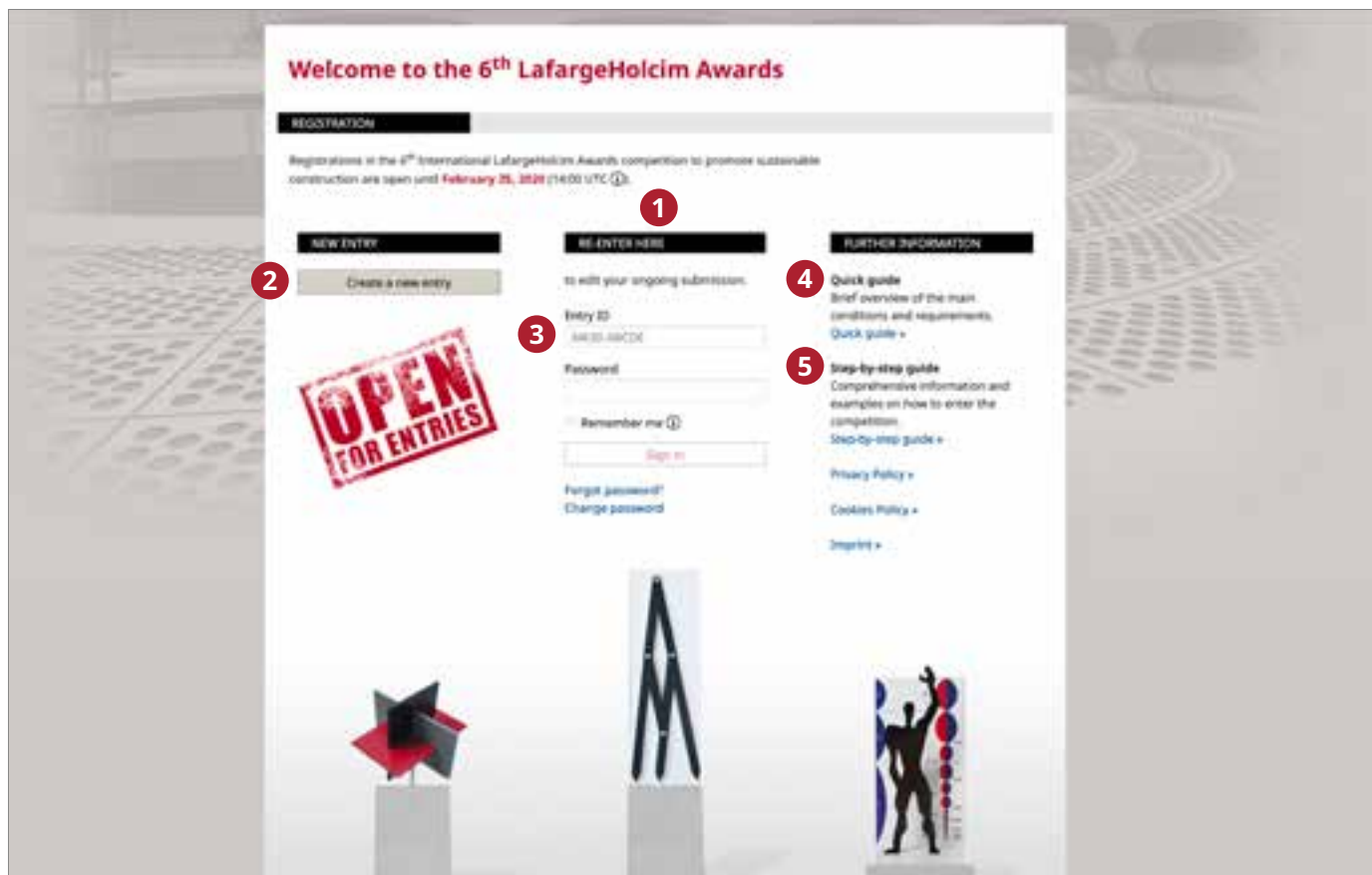


Please click on "Continue" in the Cookie alert to accept the use of cookies within the LafargeHolcim Awards entry form and website.

We use cookies to enable the entry form to operate correctly, including storage of data entered in the submission. You will see this alert when first starting an entry, or when continuing an entry in a different web browser, or on another computer.

1 Continue
Click on "Continue" to accept the use of cookies.

2 For more information
Click on "Find out more" for detailed information on our cookies policy. The cookies policy can also be accessed via the Help menu at the top of the screen.



When starting from the landing page www.lafargeholcim-awards.org/enter, please choose either to start a new entry or continue with your ongoing submission. Registration is open until February 25, 2020 (14:00 UTC or GMT).

- 1 Registration closing time (UTC)**
Coordinated Universal Time (UTC) is the international time standard and shares the same time as Greenwich Mean Time (GMT). Please note that the LafargeHolcim Awards competition closes at 14:00 hrs UTC irrespective of the time zone in your location. To calculate your local time equivalent please see www.worldtimeserver.com
- 2 New entry and cookies alert**
We use cookies to enable the entry form to operate correctly, including storage of data entered in the submission. For more information about our cookies policy please see www.lafargeholcim-awards.org/cookies
To start a new entry, first click on "Continue" in the Cookie Alert at the bottom of the page to accept the use of cookies in the entry form. Then, click on "Create a new entry" to begin your submission.
- 3 Continue with entry already started**
Enter your submission's Entry ID and the Password you created when starting your submission. Your assigned Entry ID will be sent to you via email. To ensure security, the password will not be listed in the email, so please make sure you remember it.
If you click in the checkbox "Remember me", you will be automatically logged-on to your entry submission on the step last viewed. Do not use the "Remember me" feature on shared computers.
- 4 Quick guide**
The quick guide provides a brief overview of the main conditions and requirements of the LafargeHolcim Awards competition. The English version and any available translations may be downloaded by following the link, or www.lafargeholcim-awards.org/quick-guide
- 5 Step-by-step guide**
This Step-by-step guide contains comprehensive information and examples on how to enter the competition. The English version and any available translations may be downloaded by following the link, or www.lafargeholcim-awards.org/guide

Welcome to the 6th LafargeHolcim Awards

[login](#) [help](#)

NEW ENTRY

To start a new entry, please enter a password and your email address. Your assigned Entry ID will be sent to you via email.

To ensure security, the password will not be listed in the email, so please make sure you remember it.

1 ID
1450-QJHW

2 Password *
Password

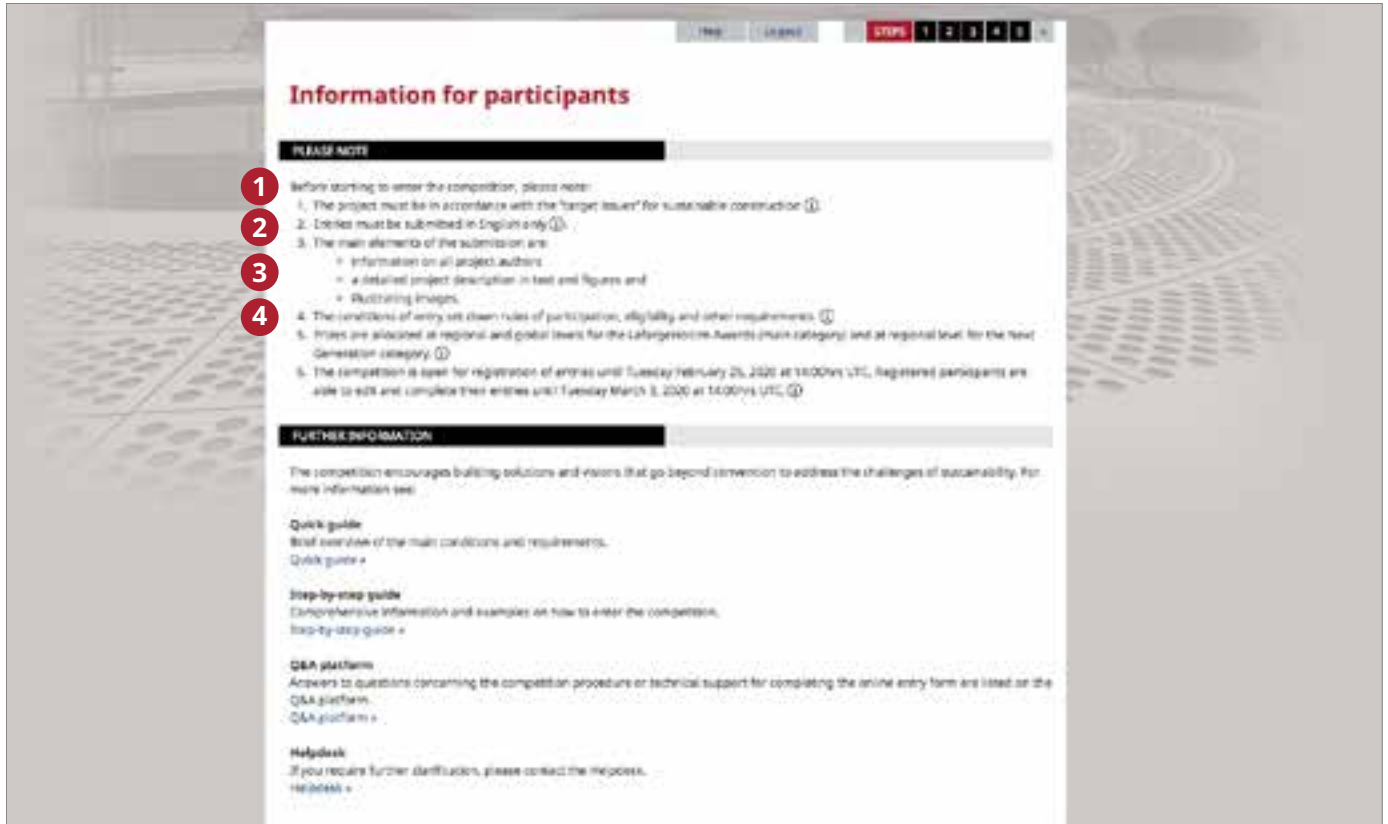
Re-enter password *
Re-enter password

3 Email *
Email

Re-enter email *
Re-enter email

I consent to allowing this website to store my submitted information so I can participate in the LafargeHolcim Awards competition. For more information please read the [Privacy Policy](#).

- 1 ID**
An entry ID is assigned by the system, and is indicated in the grey box.
- 2 Password**
Create a password for logging-in to the LafargeHolcim Awards online entry form. Please create a strong password that consists of a minimum eight characters, a mix of upper- and lower-case letters, at least one numeral, and at least one symbol.
- 3 Email**
Please provide an email address of the Contact Person that will be used for all communications about your submission. Your assigned Entry ID will be sent to you via email. To ensure security, the password will not be listed in the email, so please make sure you remember it.



1 Evaluation criteria – “Target issues”
 The LafargeHolcim Foundation has identified a set of five “target issues” for sustainable construction, which serve as a basis for the evaluation of submissions in the LafargeHolcim Awards competition. The “target issues” are:

- Innovation and transferability – PROGRESS
- Ethical standards and social inclusion – PEOPLE
- Resource and environmental performance – PLANET
- Economic viability and compatibility – PROSPERITY
- Contextual and aesthetic impact – PLACE

For more information on “target issues” see:
www.lafargeholcim-awards.org/target

2 Languages
 Entries must be submitted in English only, the principal and legally binding language of the LafargeHolcim Awards competition. The online entry form supports standard characters and other characters should be substituted. The Lafarge-Holcim Awards database system supports the following standard characters:

!"#\$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMN OPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~¡¢£¥¦§¨ª«¬®¯°±²³´µ¶·¸¹º»¼½¾¿ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞßàáâãäåæçèéêëìíîïðñòóôõö÷øùúûüý

Characters other than those indicated may not be used. An error message will appear if you type a non-standard character.

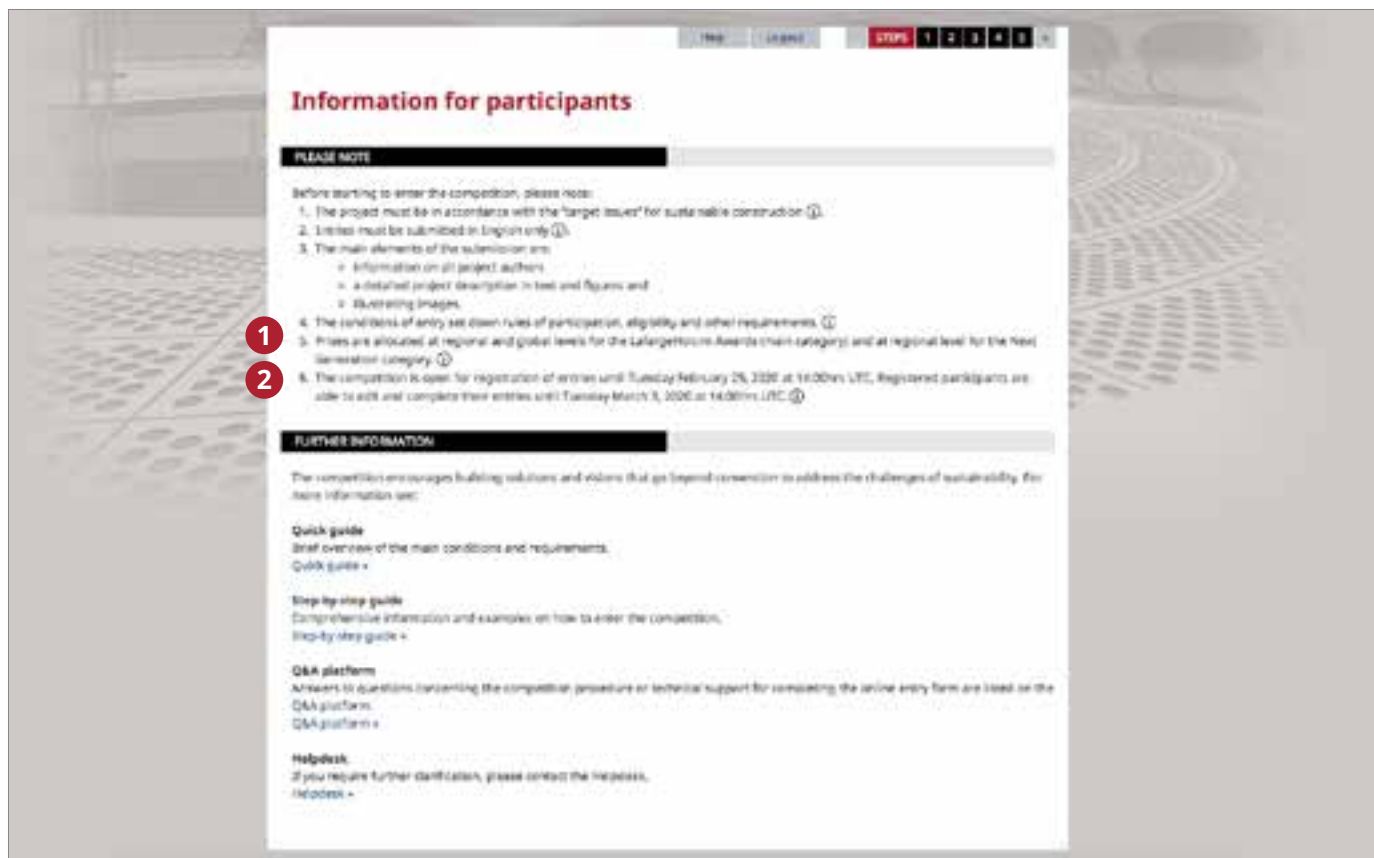
3 Key requirements
 The information required to complete an entry in the LafargeHolcim Awards competition includes:

- Details of project author(s). Where there are multiple authors, a single Project Contact must be nominated. It is possible to nominate as Project Contact an individual who is not an author by selecting “Contact Only” from the options in the “Type of Authorship” menu.
- Technical details: location, dimensions, materials, costs and other key data
- Project summary: background and project concept (text up to 800 characters)
- Statements on sustainability: response to the “target issues” for sustainable construction (3 texts with up to 800 characters each)
- CO2 lifecycle assessment: qualitative narrative (text up to 800 characters). Applicable ONLY for submissions in the Main category where it is compulsory. CO2 lifecycle assessment is not part of the Next Generation category entry form.
- 5-10 project images (high resolution photos/illustrations with captions up to 500 characters for 2 key images, and up to 100 characters for a further 8 additional images)
- Image of author/team (high resolution photo with caption up to 100 characters)

4 Conditions of entry
 The conditions are defined by:

- Evaluation criteria
- Project eligibility
- Participation
- Impediments/conflict of interest
- Consent
- Ownership and copyright
- Documentation and communications

Click on the information icon for detailed information about each element of the conditions of entry.



1

Prizes

The total prize money for each cycle of the regional and global LafargeHolcim Awards competition is USD 2 million. All prizes are subject to the positive outcome of a **verification process** to check project eligibility and compliance with local and international laws and regulations.

Regional prizes

- The prize money for each of the five competition regions is USD 330,000.
- LafargeHolcim Awards Gold USD 100,000; LafargeHolcim Awards Silver USD 50,000; LafargeHolcim Awards Bronze USD 30,000.
- 4 x LafargeHolcim Awards Acknowledgement prizes of USD 20,000 each.
- Next Generation prizes from a budget of USD 70,000: LafargeHolcim Awards Next Generation 1st prize USD 25,000, LafargeHolcim Awards Next Generation 2nd prize USD 20,000, LafargeHolcim Awards Next Generation 3rd prize USD 15,000, and LafargeHolcim Awards Next Generation 4th prize USD 10,000.

Global prizes

- The prize money of the Global LafargeHolcim Awards competition is USD 350,000.
- Global LafargeHolcim Awards Gold USD 150,000; Global LafargeHolcim Awards Silver USD 100,000; Global LafargeHolcim Awards Bronze USD 50,000; selected from the 15 regional LafargeHolcim Awards Gold, Silver, and Bronze recipients.
- LafargeHolcim Jury Wild Card Awards from a budget of USD 50,000.

2

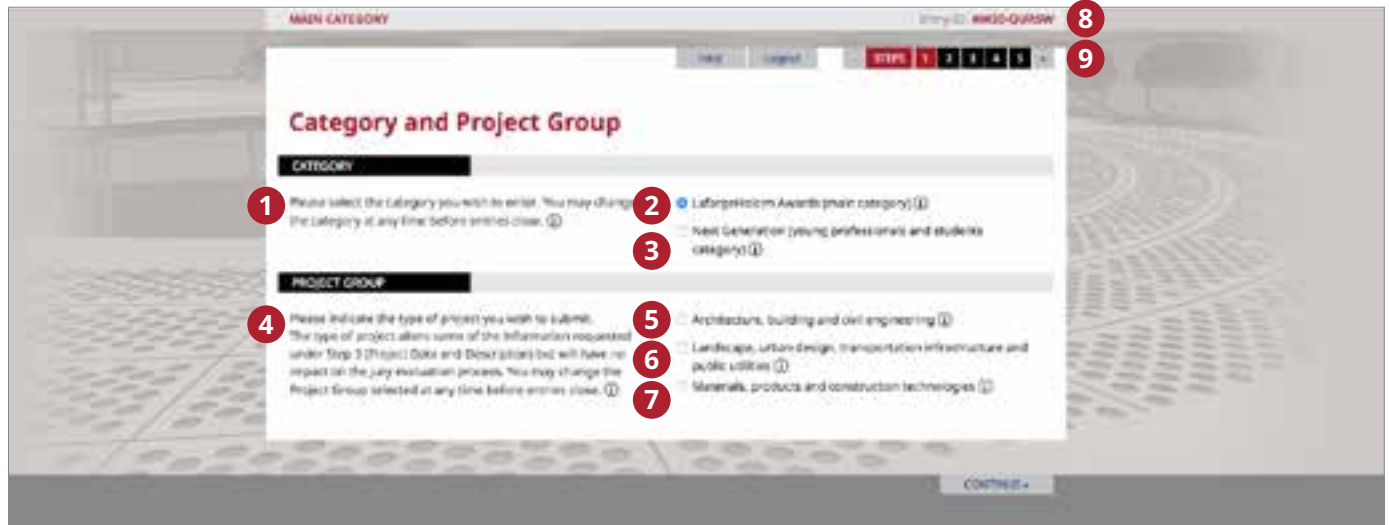
UTC

The 6th International LafargeHolcim Awards competition is open for registration from June 4, 2019 until February 25, 2020 at 14:00 UTC. Registered participants are able to edit and complete their submission until the close of the competition on March 3, 2020 at 14:00 UTC.

Coordinated Universal Time (UTC) is the international time standard. Please note that the LafargeHolcim Awards competition closes at 14:00 hrs UTC irrespective of the time zone in your location. To calculate your local time equivalent please see www.worldtimeserver.com

A high volume of users accessing the online entry form in the final days of the entry period is anticipated. This may slow down the response time of the online entry form and support from the Helpdesk. It is recommended to complete your submission well ahead of the closure of the competition.

LafargeHolcim Awards



- 1 Categories**
There are two categories in the LafargeHolcim Awards competition.
- 2 LafargeHolcim Awards main category**
Entries for the Awards main category may be submitted by the project's design and construction team, which consists of the author(s) and all other persons responsible for the project. Eligible for participation are private/public promoters or clients, investors, architects, planners, engineers, construction firms, contractors, and builders involved in the project, providing that they hold the right of authorship or are participating in agreement with the person(s) holding the right of authorship. An authorized Contact Person must be nominated to act as the sole point of contact regarding the submission.

 - Architecture (education)
 - Architecture (health/wellness)
 - Architecture (hotel/restaurant)
 - Architecture (housing)
 - Architecture (institutional)
 - Architecture (leisure/sports)
 - Architecture (mixed use)
 - Architecture (production plant)
 - Architecture (refurbishment/conversion)
 - Architecture (research and development)
 - Architecture (retail)
 - Architecture (tourism)
 - Architecture (transport)
 - Civil engineering
- 3 Next Generation young professionals and students category**
Entries for the Awards Next Generation category may be submitted by the project's design team. The maximum age of authors is 30 years at the opening of the competition (date of birth must be later than June 4, 1988). An authorized Contact Person must be nominated to act as the sole point of contact regarding the submission.

The Awards Next Generation category is open only to visionary design concepts and bold ideas. Project authors aged 30 and younger are not restricted from submitting entries for the Awards Next Generation category – they should enter the Awards main category only if their project has reached an advanced stage of design and is most likely to be realized.
- 4 Project group**
There are three "Project Groups" in the LafargeHolcim Awards competition that each have a different version of the Step 3 (Project data and description) page in the online entry form.

 - **Project Group 1** (Architecture, building and civil engineering)
 - **Project Group 2** (Landscape, urban design and infrastructure)
 - **Project Group 3** (Materials, products and construction technologies)
- 5 Architecture, building and civil engineering**
Project Group 1 (Architecture, building and civil engineering) includes:

 - Architecture (administration/business)
 - Architecture (culture)
- 6 Landscape, urban design and infrastructure**
Project Group 2 (Landscape, urban design and infrastructure) includes:

 - Landscape design
 - Urban planning
 - Public utilities
 - Regional planning
 - Transport infrastructure
- 7 Materials, products and construction technologies**
Project Group 3 (Materials, products and construction technologies) includes:

 - Materials
 - Products
 - Construction technology
- 8 Entry ID**
The Entry ID for your submission is indicated at the top right.
- 9 Navigation**
You can move forward and backward between steps of the entry form at any time by clicking on the step numbers. Further resources to assist in completing the entry form are available under "Help".

EDIT PERSON DATA

Please fill in all boxes marked with an asterisk *

New character characters must be used (info)

Type of authorship *

Further Author

Title * 2/30
Mr

Last name * 11/55
Albuquerque

First name * 5/30
Frank

Middle name(s)

Profession * 1
Architect

Position 1
Project Manager

Date of Birth * 8/27/1990

Gender * Male

Address *
Aparukha Towers, 154 Pitt Street

Organisation
AGAC Architects

ZIP Code * 2201

City * Example City

State
New South Wales

Country / Territory * Australia

Telephone * 0061-3-123456789

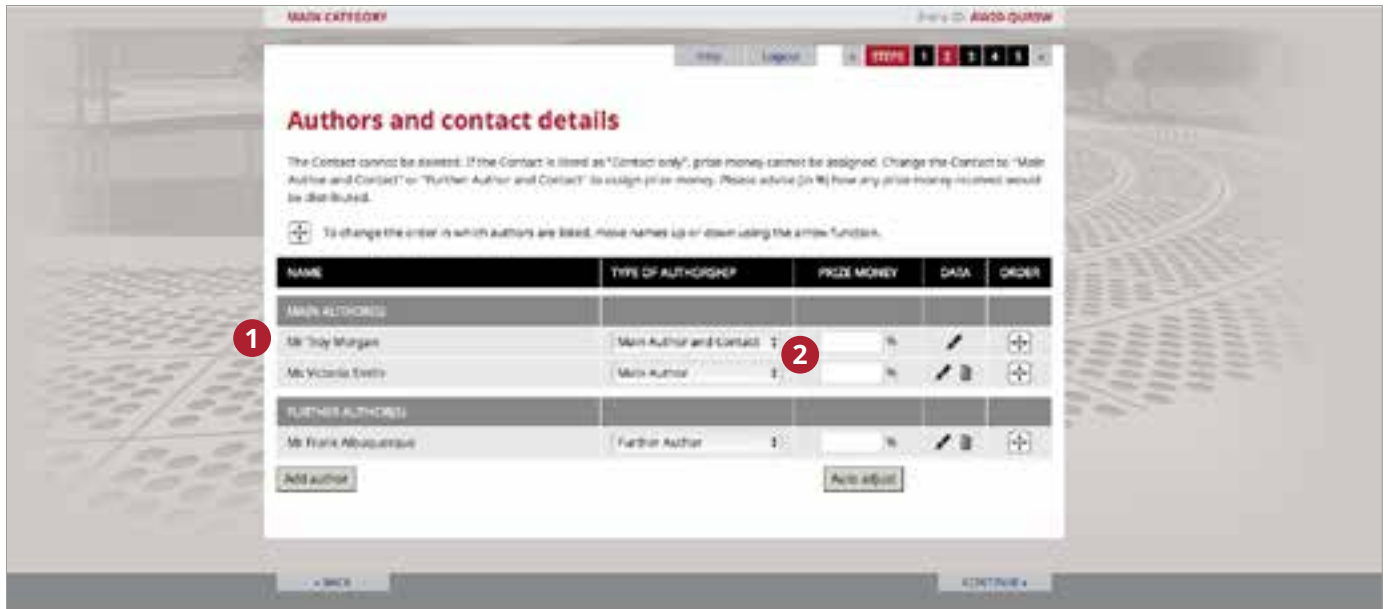
Email * LafargeHolcim@gmail.com

Website
www.lafarge.com

Save

Each entry must nominate a Project Contact who will be the sole point of contact for administrative and legal purposes between the entry and the LafargeHolcim Foundation. The Project Contact can be a Main Author, Further Author, or non-author. Projects must have at least one Main Author and can have additional Main Authors and Further Authors (fields marked * are compulsory).

- 1 Position**
Indicate the job title or position held within the office, university or organization represented, e.g. Director, Principal, Project Manager, Designer, Chief Coordinator, Research Officer, PhD Candidate, etc.
- 2 Telephone numbers**
Please ensure that telephone numbers include the international country code beginning with '00' or '+', e.g. 0012 34 567890 or +12 34 567890). You may provide a fixed-line or cell (mobile) telephone number.
- 3 Permitted number of characters**
Entry fields are limited to the number of characters (including spaces) indicated below the field. The display will indicate the number of characters used / maximum number of characters permitted.



1 Include additional Main Author(s), Further Author(s) or change Project Contact
 Click on “add author” to add the details of another Main Author, a Further Author or a Project Contact. There is no limit to the number of authors who can be added, but there must be only one Project Contact. Authors may be deleted or re-allocated to one or the other type of author in the summary list at the end of Step 2.
 You can change the Project Contact by dragging an author to the top position of the list, or use the pull-down “Type of Authorship” to adjust author and contact allocation.

2 Distribution of prize money
 Entries with more than one author must also advise how any prize money received would be distributed (in %). Please use the summary list at the end of Stage 2 to decide how the prize money is to be distributed. The “Auto-adjust” button will adjust each percentage figure to equal 100 exactly and also keep the ratio between prize money shares.

LafargeHolcim Awards

Next Generation category

ADD CONTACT PERSON

Please fill in all spaces marked with an asterisk *

Non-standard characters must be substituted

Type of authorship *

Main Author and Contact

Title * Last name * First name * Middle name(s)

Mr Morgan Tony 0/100

Profession * Position Date of birth * Gender *

Architect Principal 05/12/2001 male 0/100

Address * Organisation

Abercrombie Tower, 154 Pitt Street ACAS Architects 0/100

ZIP Code * City * State Country / Territory *

2001 Example City New South Wales Australia 0/100

Telephone * Email * Website

0061-2-123456789 t.morgan@mail.com www.acas.com 0/100

Study program * Main discipline * Study status * University contact *

Doctorate Architecture In progress Prof. Hedrian McInerney 0/100

Name of university * Country of University *

University of Technology Australia 0/100

Add Cancel

In addition to the data required for LafargeHolcim Awards main category entries (see previous page), Next Generation young professionals and students category entries must list information regarding recent/current university studies. All fields marked * must be completed. Please use standard characters only.

- 1 Age restriction - Next Generation category**
All authors of a Next Generation entry must be no older than 30 years of age at the opening of the competition (date of birth must be June 5, 1988 or later).
- 2 Main discipline**
Please indicate the main discipline of your most recent study, such as architecture, civil engineering, landscape architecture, management or urban design.
- 3 University contact**
Next Generation submissions must list the name of the academic who supervised the research component of each author's most recent degree, even if the project entered in the LafargeHolcim Awards competition was created outside of the scope of the author's university program. If the author has/had no supervising academic, please list the name of the Head of Department of the discipline listed in the "Main discipline" field.

Contact Only

Please note that if the "Project Contact" selected is not an author (ie: "Contact Only"), the fields regarding university studies do not appear on the contact form.

Legal Guardian

Authors under the age of 18 years are welcome to enter the competition. If an author's date of birth is later than February 26, 2002, the Legal Guardian/Parent consent section will be added to the "Edit Person Data" form.

LafargeHolcim Awards

Architecture, building and civil engineering

1 Project data and description

Please use metric measurements only (i)

7

GENERAL PROJECT DATA

Project title *

Green Campus for Test Town

Class *

City of Test Town

Intervention *

New construction

Status of planning *

Contract awarded

Status of permission *

Application in preparation

Planned start *

Jan-Jun 2022

Project background *

Private investment

City *

Test Town

Country *

Australia

Latitude *

22.791275

Longitude *

152.803279

Elevation in m asl *

985

Submitted in any other competition *

No

Title of other competition

Bentley World Competition 2018

Competition outcome

PROJECT SUMMARY

Architecture, building and civil engineering projects (Project Group 1) complete the project data and description page shown. All fields marked * must be completed.

- 1 Metric system**
Please use metric units of measurement throughout your project submission. For example:
Square meters: use sq m or m²
Square kilometers: sq km or km²
Cubic meters: cu m or m³

Please note that superscript characters cannot be used in the entry form.
- 2 Status of planning**
Status of planning must be selected from the pull-down menu. For definitions of each term, click on the information icon ⓘ next to the pull-down list.
- 3 Planned start of construction**
The start of construction is defined as when the first site preparation, excavation, and/or environmental remediation takes place. The project is not eligible for submission if the execution of any such activity commenced before January 1, 2019.

For **Next Generation** young professionals and students category entries only, the planned state of construction can also be listed as “not applicable”.
- 4 Latitude and longitude**
Latitude and longitude give a precise indication of the location of your project. Please provide coordinates expressed either singularly with both minutes and seconds incorporated, e.g. 47° 22' 7.14" N, 8° 32' 21.0582" E or in decimal degree notation, e.g. 47.36865, 8.539183. You can determine the coordinates of your project using Google Earth. In case of site-independent projects you must enter a 0 (zero) for both latitude and longitude.
- 5 Elevation**
Elevation of the building or the site in meters above sea level (m asl). Enter a single value (flat areas) or the two extreme values (gradient or mountainous areas) to give a range of heights above sea level relevant to the project.
- 6 Other competition**
If your project has received any award/prize or has been submitted to any other competition, please provide the details of competition name and outcome if already known. If your project has been submitted to more than one other competition, please cite the most significant competition entered. Projects submitted in other competitions are not excluded from the LafargeHolcim Awards competition.
- 7 Change Project Groups**
To change Project Groups, click on 1 to return to the Category and Project Group page.

The screenshot shows a web form with four numbered steps:

- 1 PROJECT SUMMARY**: A section with a "Text 1" field and a "Check how text will look in entry PDF" link.
- 2**: A section with a "Text 2" field and a "Check how text will look in entry PDF" link.
- 3 STATEMENTS ON SUSTAINABILITY**: A section with a "Provide three statements (including titles), explaining the focus of the project with regard to the 'target issues' for sustainable construction" instruction, followed by three "Text" fields with "Title" labels.
- 4**: A section with a "Text 4" field and a "Check how text will look in entry PDF" link.

1 Project summary

The project summary is a concise description of the project's overall aims and objectives. The key features of the project should be clearly described to provide the jury with an immediate understanding of the project background, its focus, and outcomes.

Consider the broad range and large number of projects that will be evaluated by the jury – your project should stand out. The text may include (but is not limited to) information such as: overall objective, key targets, initiator of the project; and funding.

2 The text can include sub-headings and paragraphs, up to 800 characters including spaces.

Check that your responses fit in the allocated space by clicking on "Check how headlines and texts will look in entry PDF" link. Reduce the amount of spacing or text to fit the allocated space.

3 Statements on sustainability

The statements on sustainability are a series of three texts that explain the most important aspects of how your project contributes to sustainable construction. The statements should focus on the key strengths of your project and refer to the "target issues" for sustainable construction. The statements may refer to the same or different "target issues". Each statement may refer to single or multiple "target issues". It is recommended that the information submitted through the images and their captions should complement the main themes of the sustainability concept.

For more information on the "target issues" for sustainable construction see: www.lafargeholcim-awards.org/target

4 Each text can include sub-headings, paragraphs and lists, up to 800 characters. Each headline can be up to 90 characters in length.

Check that your responses fit in the allocated space by clicking on "Check how headlines and texts will look in entry PDF" link. Reduce the amount of spacing or text to fit the allocated space.

LafargeHolcim Awards

Awards (main category) submissions only

The screenshot shows a web form for the 'CO₂ LIFECYCLE ASSESSMENT' section. At the top right of the section is a 'See more' link. Below the title is a prompt: 'Describe the measures taken to reduce the CO₂ emissions of your project.' This is followed by a text input field with a character count of '811 / 800'. A red circle with the number '1' is placed to the left of the text input field. To the right of the text input field is a link that says 'Check how text will look in entry PDF'. Below the text input field is another 'See more' link.

The CO₂ Lifecycle Assessment is applicable ONLY for submissions in the Main Category where it is compulsory. The CO₂ Lifecycle Assessment is NOT part of the Next Generation Category entry form.

1 CO₂ Lifecycle Assessment

Considering the mandate of the Paris Climate Agreement under the UN Framework Convention on Climate Change (adopted 2015 and ratified 2016), global greenhouse emissions must be significantly reduced in the future. Accordingly, the LafargeHolcim Awards seeks projects that make a contribution toward this objective. What measures have been taken to reduce the CO₂ emissions of your project?

The text can include sub-headings and paragraphs, up to 800 characters including spaces.

Check that your responses fit in the allocated space by clicking on "Check how text will look in entry PDF" link. Reduce the amount of spacing or text to fit the allocated space.

LafargeHolcim Awards

Architecture, building and civil engineering

- 1 Gross floor area (GFA)**
Total of the floor areas of all floor plan levels of a building in square meters (m2).
- 2 Gross volume (GV)**
The gross volume of buildings is calculated from their outer delimiting surfaces in cubic meters (m3).
- 3 Construction costs**
Please use US dollars (USD). The construction costs should include the following elements:

Structure – construction works: including excavation, foundations, external walls, internal walls, floors and ceilings, roofs, structural fittings and other construction-related activities such as site equipment, scaffolding, and demolition work.

Structure – services: including sewage, water and gas systems, heat supply systems, air treatment systems, power installations, telecommunications and other communications systems, transport systems, function-related equipment and fittings, building automation and other services-related work.
- 4 Footprint area**
The surface space occupied by the outer boundary of the construction in square meters (m2).
- 5 Building height**
The top of the roof is considered the highest point of the construction/building and should be expressed in relation to ground level (m) and potentially also to sea level (m asl). In the case of a building complex you can enter the range from [...] to [...].
- 6 Building depth**
The bottom edge of the basement is considered the deepest point of the construction/building and should be expressed in relation to ground level (m) or sea level (m asl).
- 7 Further relevant key figures**
Enter further relevant key figures to specify your project, such as:

Envelope surface: comprises the area of the façades and the roof. It can be differentiated into glazed and closed portions.

Net floor plan area (NFA): the useful area between delimiting structural components with the exception of the footprints of door and window openings, recesses and niches in delimiting structural components.

Utilization area (UA): that part of the net floor plan area that serves the building's useful purpose.

Floor area: the total of the relevant areas of all stories considered as stories proper. The gross floor area is determined on the basis of a building's exterior dimensions.

Further relevant key figures: depending on the type of project other comparative ratios could be quoted, e.g. numbers of users:inhabitants, or area indices such as GV:GFA (Gross Volume to Gross Floor Area) and NFA:GFA (Net Floor Area to Gross Floor Area), etc.
- 8 Materials**
Enter a short description of the materials used for your project. You may divide the description into segments, e.g. supporting structure, façade, roof, building structure, interior design and exterior furniture.

LafargeHolcim Awards

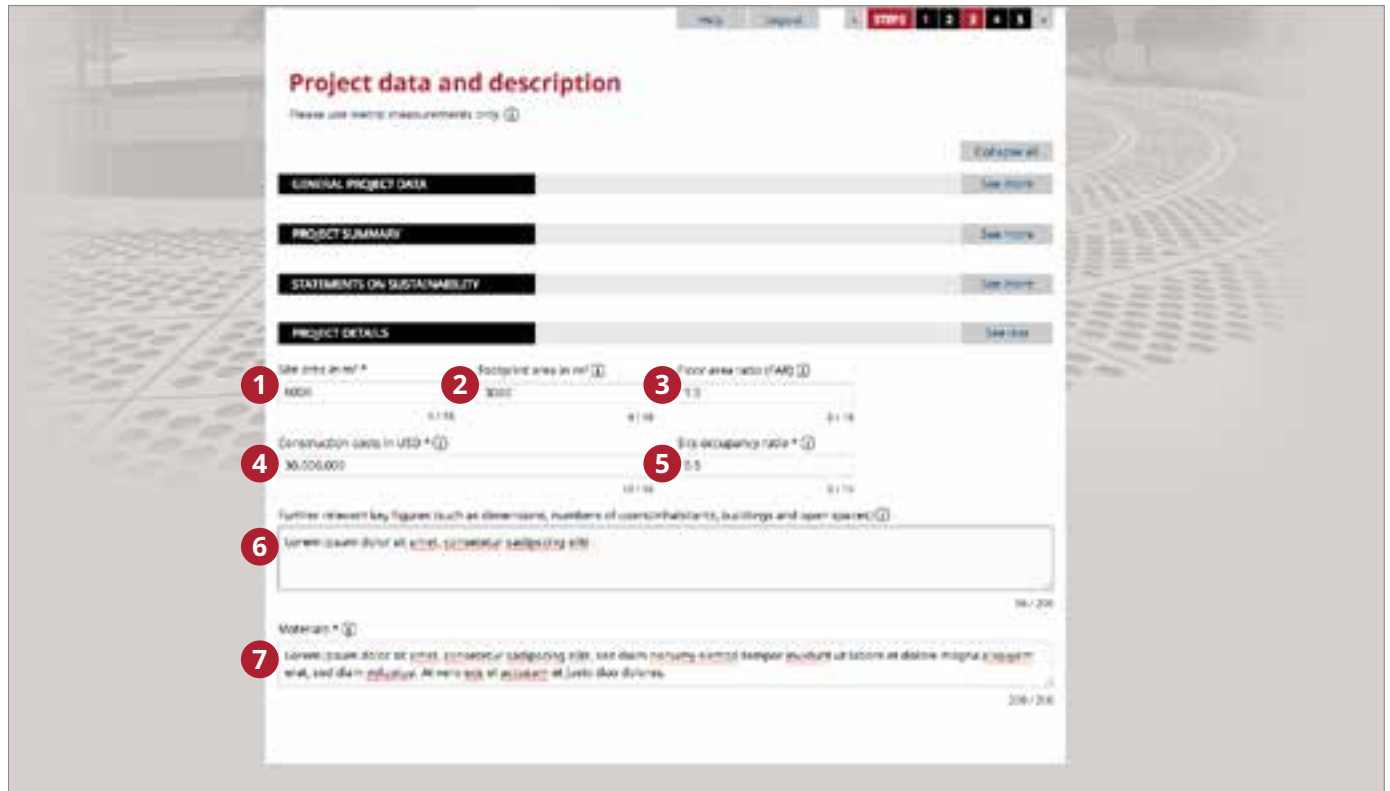
Architecture, building and civil engineering

Landscape, urban design and infrastructure projects (Project Group 2) complete the project data and description page shown. All fields marked * must be completed.

- 1 Metric system**
Please use metric units of measurement throughout your project submission. For example:
Square meters: use sq m or m²
Square kilometers: sq km or km²
Cubic meters: cu m or m³
Please note that superscript characters cannot be used in the entry form.
- 2 Status of planning**
Status of planning must be selected from the pull-down menu. For definitions of each term, click on the information icon ⓘ next to the pull-down list.
- 3 Planned start of construction**
The start of construction is defined as when the first site preparation, excavation, and/or environmental remediation takes place. The project is not eligible for submission if the execution of any such activity commenced before January 1, 2019.
For **Next Generation** young professionals and students category entries only, the planned state of construction can also be listed as “not applicable”.
- 4 Latitude and longitude**
Latitude and longitude give a precise indication of the location of your project. Please provide coordinates expressed either singularly with both minutes and seconds incorporated, e.g. 47° 22' 7.14" N, 8° 32' 21.0582" E) or in decimal degree notation, e.g. 47.36865, 8.539183. You can determine the coordinates of your project using Google Earth. In case of site-independent projects you must enter a 0 (zero) for both latitude and longitude.
- 5 Elevation**
Elevation of the building or the site in meters above sea level (m asl). Enter a single value (flat areas) or the two extreme values (gradient or mountainous areas) to give a range of heights above sea level relevant to the project.
- 6 Other competition**
If your project has received any award/prize or has been submitted to any other competition, please provide the details of competition name and outcome if already known. If your project has been submitted to more than one other competition, please cite the most significant competition entered. Projects submitted in other competitions are not excluded from the LafargeHolcim Awards competition.
- 7 Change Project Groups**
To change Project Groups, click on 1 to return to the Category and Project Group page.
Project Summary
The project summary is a concise description of the project's overall aims and objectives. For further information see page 21 of this guide.
Statements on Sustainability
The statements on sustainability are a series of three texts that explain the most important aspects of how your project contributes to sustainable construction. For further information see page 21 of this guide.
CO₂ Lifecycle Assessment
The CO₂ Lifecycle Assessment is applicable ONLY for submissions in the Main Category where it is compulsory. The CO₂ Lifecycle Assessment is NOT part of the Next Generation Category entry form. For further information see page 22 of this guide.

LafargeHolcim Awards

Landscape, urban design and infrastructure



- 1 Site area**
Total area of the site or sites in square meters (m²).
- 2 Footprint area**
The surface space occupied by the outer boundary of the construction in square meters (m²).
- 3 Floor area ratio (FAR)**
Floor area ratio (FAR) = (total covered area on all floors):(area of the site)
- 4 Construction costs**
Please use US dollars (USD). The construction costs should include the following elements:

Structure – construction works: including excavation, foundations, external walls, internal walls, floors and ceilings, roofs, structural fittings and other construction-related activities such as site equipment, scaffolding, and demolition work.

Structure – services: including sewage, water and gas systems, heat supply systems, air treatment systems, power installations, telecommunications and other communications systems, transport systems, function-related equipment and fittings, building automation and other services-related work.
- 5 Site occupancy ratio**
Indicates the degree of land use in ratio of site area (sq m or m²) to footprint area (sq m or m²).
- 6 Further relevant key figures**
Enter further relevant key figures to specify your project such as:

Envelope surface: comprises the area of the facades and the roof. It can be differentiated into glazed and closed portions.

Net floor plan area (NFA): useful area between delimiting structural components with the exception of the footprints of door and window openings, recesses and niches in delimiting structural components.

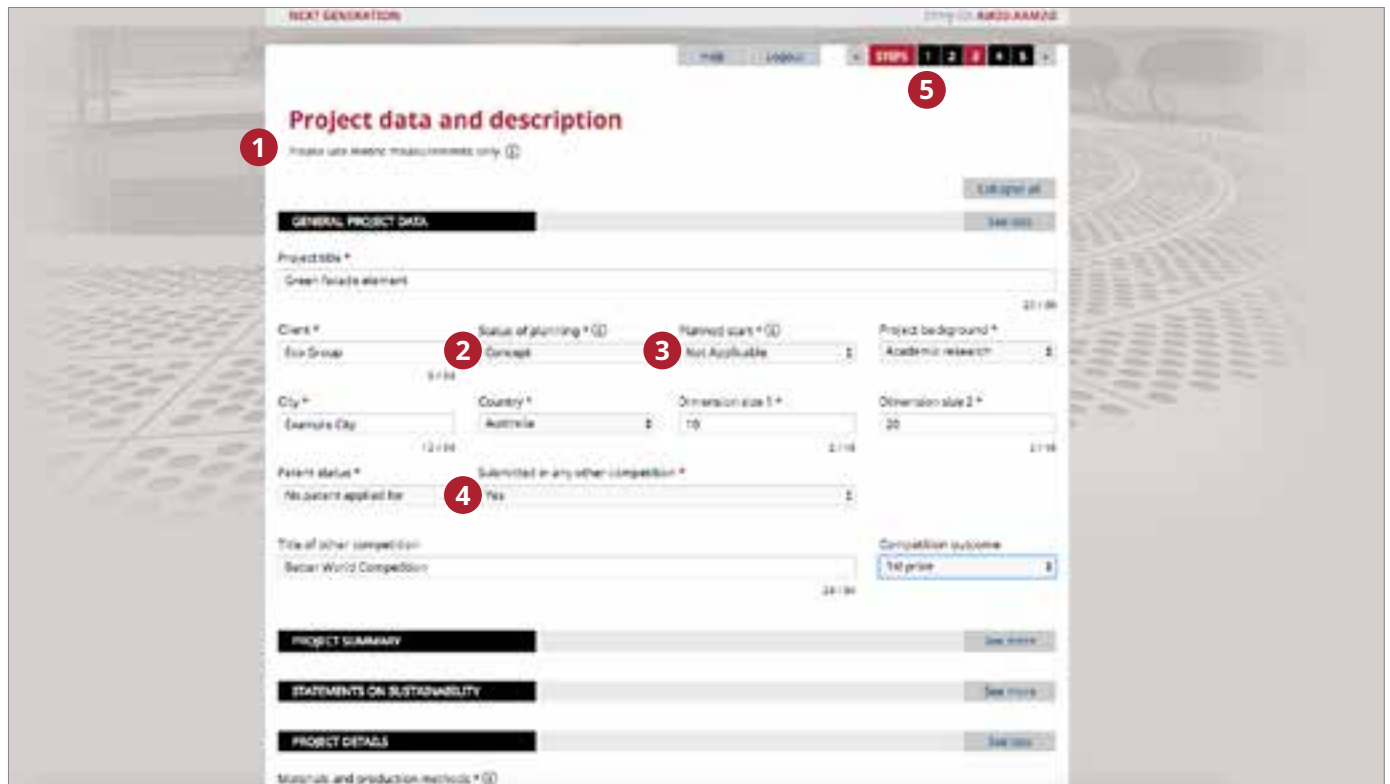
Utilization area (UA): that part of the net floor plan area that serves the building's useful purpose.

Floor area: total of the relevant areas of all stories considered as stories proper. The gross floor area is determined on the basis of a building's exterior dimensions.

Depending on the type of project other comparative ratios could be quoted, e.g. number of users to inhabitants, area indices such as GV:GFA (gross volume to gross floor area) and NFA:GFA (net floor area to gross floor area), etc.
- 7 Materials**
Enter a short description of the materials used for your project. You may divide the description into segments, e.g. supporting structure, facade, roof, building structure, interior design and exterior.

LafargeHolcim Awards

Landscape, urban design and infrastructure



Materials, products, and construction technology projects (Project Group 3) complete the project data and description page shown. All fields marked * must be completed.

- 1 Metric system**
Please use metric units of measurement throughout your project submission. For example:
Square meters: use sq m or m²
Square kilometers: sq km or km²
Cubic meters: cu m or m³
- 2 Status of planning**
Status of planning must be selected from the pull-down menu. For definitions of each term, click on the information icon ⓘ next to the pull-down list.
- 3 Planned start of production**
The start of production is defined as when manufacturing for commercial returns (commercial production) begins.
For **Next Generation** young professionals and students category entries only, the planned state of construction can also be listed as “not applicable”.
- 4 Other competition**
If your project has received any award/prize or has been submitted to any other competition, please provide the details of competition name and outcome if already known. If your project has been submitted to more than one other competition, please cite the most significant competition entered. Projects submitted in other competitions are not excluded from the LafargeHolcim Awards competition.
- 5 Change Project Groups**
To change Project Groups, click on 1 to return to the Category and Project Group page.

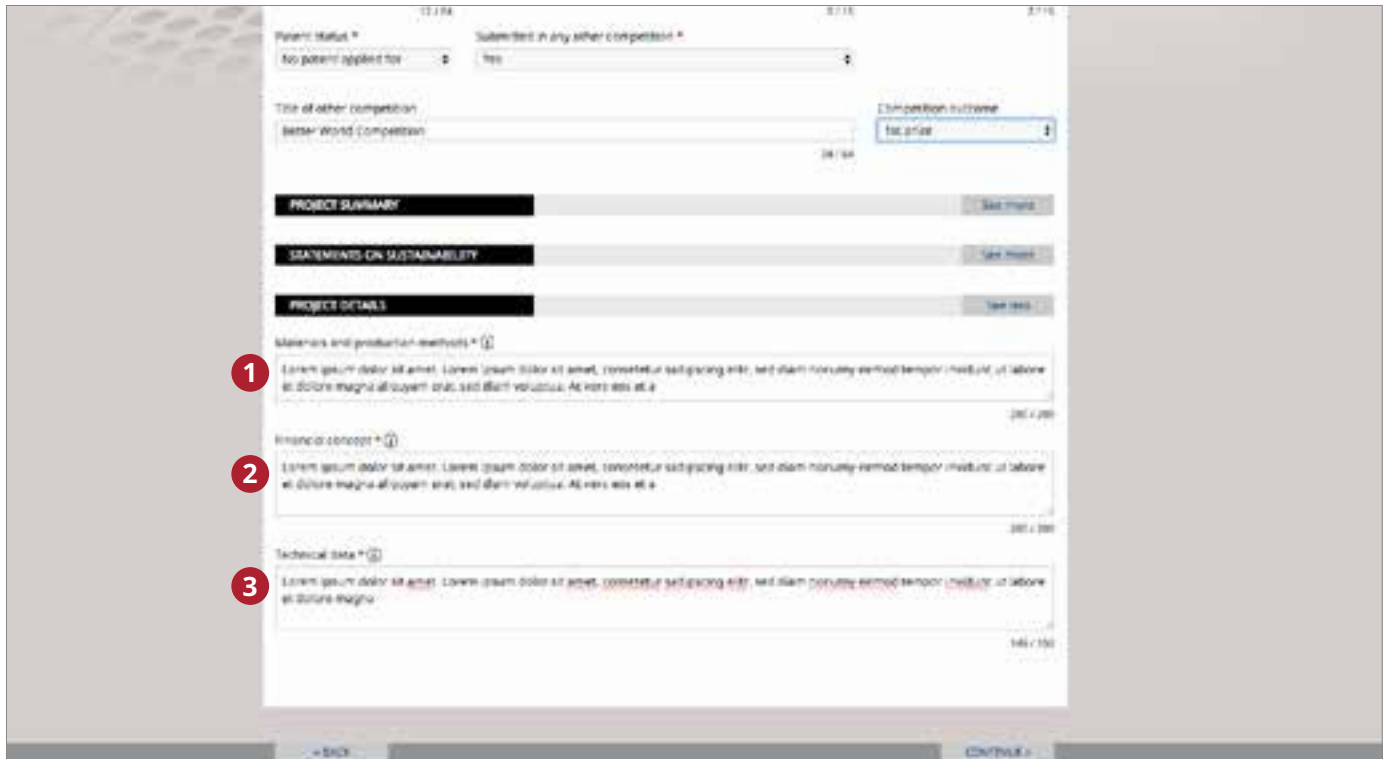
Project Summary
The project summary is a concise description of the project's overall aims and objectives. For further information see page 21 of this guide.

Statements on Sustainability
The statements on sustainability are a series of three texts that explain the most important aspects of how your project contributes to sustainable construction. For further information see page 21 of this guide.

CO₂ Lifecycle Assessment
The CO₂ Lifecycle Assessment is applicable ONLY for submissions in the Main Category where it is compulsory. The CO₂ Lifecycle Assessment is NOT part of the Next Generation Category entry form. For further information see page 22 of this guide.

LafargeHolcim Awards

Materials, products and construction technologies



- 1 Materials and production methods**
Describe the construction materials and methods that shall be applied for the realization of the project. It is recommended to differentiate the text into groups of materials and methods, ordered by construction parts.
- 2 Financial concept**
Provide an overview of financial elements of the project, such as estimated investment costs, sales costs, potential market implementation. Please use US dollars (USD).
- 3 Technical data**
Describe key figures regarding density, thermal transmittance, weight, etc.



1

Images

A minimum number of five and a maximum of ten images, e.g. photos, drawings, plans, etc., plus an additional author/team photo are allowed. An image file can be composed of two or more images and contain texts and tables provided readability is assured.

The juries will receive all data provided in both printed and digital format. The printed copies consist of two A3 pages including all images, texts and project information; similar to the confirmation PDF you can download after submission of your application. The approximate image sizes for printed copies are: images #1 and #2: 127 mm x 96 mm and all further images: 63 mm x 46 mm.

Key images

Key images are presented in a larger format and should therefore be the most compelling visual representations of the project. Only two images may be uploaded as Key images.

Image formats

Images are presented in landscape format in the proportion 4:3, e.g. 9,000 x 6,750 pixels; 4,500 x 3,375 pixels; or 2,400 x 1,800 pixels. Portrait format images or landscape images not in ratio 4:3 may be used, but will not utilize the full image space available. Images must be in JPG, PNG, BMP or TIF format. AutoCad or PDF files are not permitted. All images must use the RGB color set. Images in CMYK color set will be converted into RGB and may lose resolution or not render colors as accurately.

Image size

Images may not exceed 9,000 x 6,750 pixels or 15 MB. File sizes should be in high-resolution, sufficient to produce clear images in the application form (at least 2,400 x 1,800 pixels or 3 to 5 MB recommended as a minimum). Please allow sufficient time to upload large image files, particularly with slower Internet connections. Image file names must contain only standard Latin characters.

Data transfer rate

Depending on the data transfer rate of your Internet connection, the upload process may take up to several minutes – so please have some patience. At the end of the entry period we anticipate a high volume of traffic on the webserver and the response time of the online entry form may slow down.

Other questions

If you have any subsequent questions, please contact the Helpdesk.

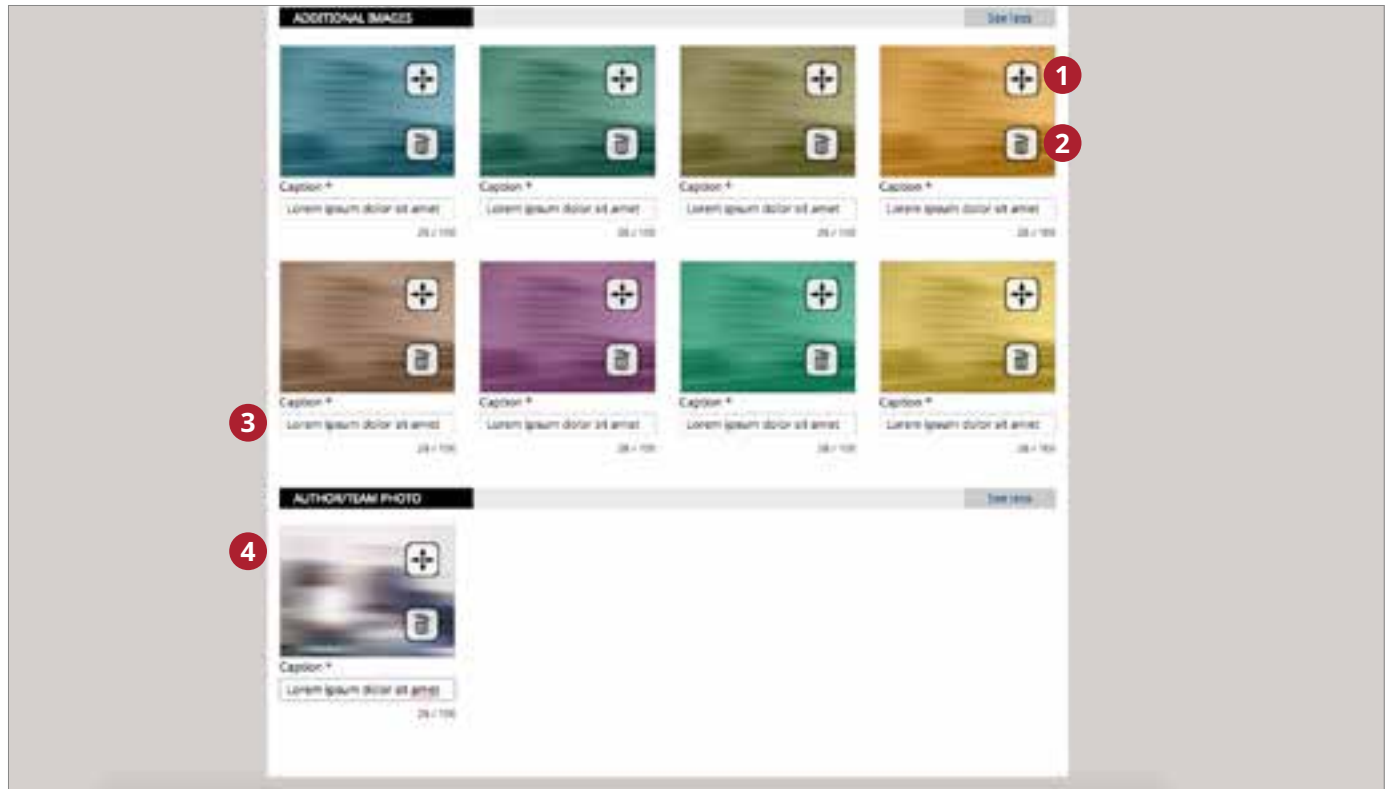
2

Image upload

Upload image files from your hard disk by clicking on the “Upload” button or dragging the file into the position required at text “Drag a file here”. The image is then uploaded, and a thumbnail is generated in the chosen position. You do not need to wait for one image to upload completely before selecting the next image for upload. Each image must be selected for upload individually.

LafargeHolcim Awards

Additional images and team photo



- 1 Move image**
Click on the arrow and drag to change the order of images. If you move an image to a position in which an image is already located, the original image will move to the vacant position. Captions move with their assigned image.
- 2 Delete**
Click on the trash icon to delete an image from the gallery. If a caption has been entered, it will not be deleted along with the image.
- 3 Captions**
Captions are mandatory for each image (maximum length 500 characters for images #1 and #2, 100 characters for each of the others).
- 4 Author/team photo**
We encourage you to include a photograph of you and/or your design team as image #11. Please note that an additional project image may not be substituted instead of the project team photo at image #11.

LafargeHolcim Awards

Missing or incorrect information



After completing Step 4, all data entered will be displayed for review. Alert messages will indicate missing content that is mandatory, or various other checks.

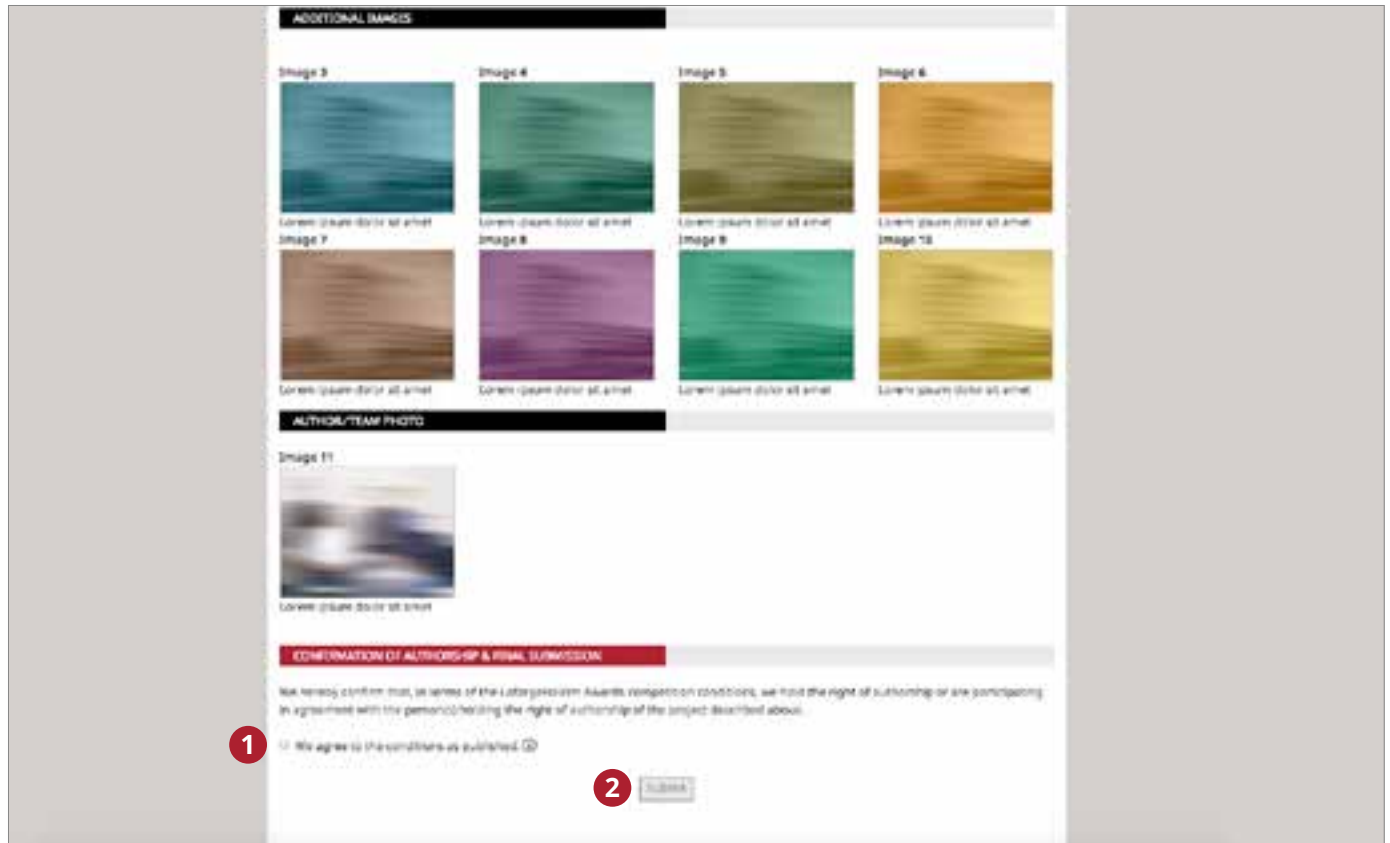
Please review the data for accuracy. Changes can be made until close of competition on March 3, 2020 at 14:00 hrs UTC for registered projects.

- 1 Click on the Step numbers in the navigation to edit any section of the entry form.

Please ensure that you complete the Confirmation of Authorship and final submission step at the bottom of Step 5.

LafargeHolcim Awards

Review and submit



- 1 Confirmation of Authorship and final submission**
 Check the agreement box after you have reviewed the conditions of entry as published.

The conditions are defined by:

 - Evaluation criteria
 - Project eligibility
 - Participation
 - Impediments/conflict of interest
 - Consent
 - Ownership and copyright
 - Documentation and communications

Information on all of these topics is included under “Conditions” in the front section of this Step-by-step Guide.
- 2 Submit**
 Click on the “Submit” button to confirm the submission of your entry. Even after submission, changes can be made until close of competition on March 3, 2020 at 14:00 hrs UTC for projects registered before February 25, 2020 at 14:00 hrs UTC.



The confirmation page confirms that your submission has been entered in the 6th International LafargeHolcim Awards competition. An email confirmation will also be sent to you.

Download competition entry

You can download your completed competition entry as a PDF. Processing your request and creating the PDF for download may take a few moments.

We recommend downloading the low-resolution version of the PDF and checking all content in your submission, especially the layout of all longer texts to ensure content fits the available space and is not truncated.

Images are processed for display in the online entry form and PDF poster. If any images are missing or appear to have reduced quality, please convert the image(s) to JPG in RGB color set (or PNG if the images are JPG already) and then re-upload in Step 4.

If you require a high-resolution version of the PDF suitable for printing at A3 (or larger), please download the high-resolution PDF. Note that the PDF generated may be large and will be slow to download from some Internet connections.

The competition entry PDFs will remain available for download after the competition closes.



The password is your personal key to access your submission in the 6th International LafargeHolcim Awards competition. Please create a strong password that consists of a minimum eight characters, a mix of upper- and lower-case letters, at least one numeral, and at least one symbol.

Your assigned entry ID will be sent to you via email. To ensure security, the password will not be listed in the email – so please make note of the password selected.

To recover your password, click on the link “Forgot password?” on the competition entry page www.lafargeholcim-awards.org/enter. You will be asked to reset your password.

Use “Option 1” to retrieve the password using your Entry ID. This information was sent to the Project Contact’s email address when you first started the application.

Use “Option 2” to retrieve all Entry IDs assigned to an email address if you do not remember the Entry ID. If you have any further questions, please contact the Helpdesk.

Keeping informed

Thank you for your submission in the 6th International LafargeHolcim Awards competition. The Project Contact (as nominated in the entry form) of all shortlisted projects will be contacted following the jury meeting to complete the project verification process.

All Main Authors, Further Authors, and Project Contacts (where applicable) are informed via email of the competition results immediately after they are announced at five regional Awards ceremonies from September to November 2020 and following the deliberation of the Global Awards jury in March 2021. The results are also communicated through print and electronic media.

The Project Contact for any entry that passed the formal check and were evaluated by the jury will automatically receive a certificate of participation.

LafargeHolcim Awards

Appendix

Sample of completed entry forms (PDF)

LafargeHolcim Awards main category, Project Group 1 – all four pages	35
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“Target issues” for sustainable construction

Summary of the evaluation criteria of the LafargeHolcim Awards competition	43
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LafargeHolcim Awards

2019/20 | Submission PDF

Green Center for Test Town

[Project title]

AW20-QURSW

[Project ID]

LafargeHolcim Awards (Main Category)

General Project Data

Project Group 1	Architecture, building and civil engineering
Competition region	Asia Pacific
City	Test Town
Country	Australia
Client	City of Test Town
Intervention	New construction
Status of planning	Contract awarded
Status of permission	Application in preparation
Planned start	Jan-Jun 2022
Project background	Private investment
Latitude	-22.791375
Longitude	132.943278
Elevation	580
Other competition	yes
Outcome	1st prize
Title	Better World Competition 2018



Lorem ipsum dolor sit amet

Project Contact

Mr Troy Morgan

Architect · 1991 · male · AGAS Architects · Abercrombie Towers, 154 Pitt Street · 2001 · Example City · Australia · Tel 0061-2-123456789 · t.morgan@mail.com · www.agas.com

Main Author(s)

1. Mr Troy Morgan

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2. Ms Victoria Smith

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Continued on page 5

Project Summary

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AW20-QURSW [Project ID]

LafargeHolcim Awards 2019/20 | Submission PDF

Green Center for Test Town

[Project title]

Project Details

GFA	2200 sq m
GV	25000 cu m
Construction costs	5678910 USD
Site area	10000 sq m
Footprint area	400 sq m
Building height	15 m
Building depth	20 m

Further relevant key figures

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Materials

CO₂ Lifecycle Assessment

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AW20-QURSW [Project ID]

LafargeHolcim Awards 2019/20 | Submission PDF

Green Center for Test Town

[Project title]

Project Visualization



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AW20-QURSW [Project ID]

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AW20-QURSW [Project ID]

LafargeHolcim Awards 2019/20 | Submission PDF

Green Center for Test Town

[Project title]

Further Author(s)

1. Mr Frank Albuquerque

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2. Ms Patricia Louisa Pears

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Distribution of prize money

Mr Troy Morgan: 50 % · Ms Victoria Smith: 30 % · Mr Frank
Albuquerque: 10 % · Ms Patricia Louisa Pears: 10 %

AW20-IHVCZ [Project ID]

LafargeHolcim Awards 2019/20 | Submission PDF

A green village

[Project title]

Project Details

Construction costs	30,000.000 USD
Site area	6000 sq m
Footprint area	3000 sq m
Floor area ratio	1.0
Site occupancy ratio	0.5

Further relevant key figures

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Materials

CO₂ Lifecycle Assessment

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AW20-AAMZO [Project ID]

LafargeHolcim Awards 2019/20 | Submission PDF

Green facade element

[Project title]

Project Details

Materials and production methods

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Financial Concept

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Technical Data

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CO₂ Lifecycle Assessment

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LafargeHolcim Awards

2019/20 | Submission PDF

Green Center for Test Town

[Project title]

AW20-ORQGS

[Project ID]

Next Generation Category

General Project Data

Project Group 1	Architecture, building and civil engineering
Competition region	Asia Pacific
City	Test Town
Country	Australia
Client	City of Test Town
Intervention	New construction
Status of planning	Concept
Status of permission	--Other--
Planned start	Jul-Dec 2021
Project background	Private commission
Latitude	-22.791375
Longitude	132.943278
Elevation	580
Other competition	yes
Outcome	1st prize
Title	Better World Competition 2018



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Project Contact

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Architecture · In progress · Prof. Hadrian McDonald · University of Technology · Australia

Project Summary

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“Target issues” for sustainable construction

The LafargeHolcim Foundation for Sustainable Construction is committed to the underlying principles of sustainability, which assert that long-term development of the built environment requires a balanced interplay of responsible economic, ecological, and social agendas.

To achieve this objective, the LafargeHolcim Foundation and its associated universities have identified five “target issues” that aim to clarify principles for sustaining the human habitat for future generations. These “target issues” serve as criteria for projects submitted for the LafargeHolcim Awards and as a road map for all other related activities of the Foundation.

Innovation and transferability – PROGRESS

Projects must demonstrate innovative approaches to sustainable development, pushing the envelope of practice and exploring new disciplinary frontiers. Breakthroughs and trend-setting discoveries must be transferable to a range of other applications. Materials should be recyclable and integrated within circular economies. The production of waste should be avoided throughout a structure’s use-cycle.

- Innovative concepts regarding design, integration of materials and methods, structure, enclosure and mechanical systems.
- Outstanding contributions to construction technologies and building processes, operation and maintenance.
- Advancements in the disciplines of architecture, urban and landscape design, civil, urban and environmental engineering, and other fields involved in the production of the built environment.
- Long-term monitoring methods to evaluate whether expectations and goals have been met.
- Dissemination of knowledge, including project documentation, communication, education and training.

Ethical standards and social inclusion – PEOPLE

Projects must adhere to the highest ethical standards and promote social inclusion at all stages of construction, from planning and building to use and servicing; to ensure an enduring positive impact on communities. Proposals must demonstrate how they enhance the collective realm and contribute to an affordable and socially inclusive habitat.

- Adherence to ethical standards in all phases of the project.
- Contributions to the formation of socially-viable environments, strengthening of shared values and empowerment of communities.
- Participation of stakeholders, including users, clients, neighborhood affiliations, local authorities and non-governmental organizations.
- Quality of working conditions in the construction industry and including on site; with specific attention given to fair compensation, adequate benefits, safety and gender equality.
- Political transparency, unbiased processes and commitment to principled interaction, just practices, all in the effort to prevent corruption at every level.

Resource and environmental performance – PLANET

Projects must exhibit a sensible use and management of natural resources throughout their entire life cycle. Long-term environmental concerns, especially pertaining to stocks and flows of material, water and energy, should be an integral part of the design philosophy.

- Minimizing a project’s ecological footprint and maximizing its positive impact on the environment; reduction of harm and increase of beneficial effects.
- Environmentally-conscious land use strategies and policies that preserve the natural landscape, while taking water and land reclamation into account.
- Emphasis placed on the use of renewable energy in construction, use and upkeep of the built fabric to reduce CO₂ emissions and avoid toxicity.
- Innovative deployment of material resources in construction with an emphasis on cradle to cradle cycles, mining existing building stocks, minimizing the consumption of water and reduction of waste.
- Resilient products, robust construction details, smart interaction of building systems and environmentally sound technologies

Economic viability and compatibility – PROSPERITY

Projects must be economically feasible and able to secure financing – whether from public, commercial or concessional sources – while having a positive impact on society and the environment. Avoiding the wasteful consumption of material resources and limiting CO₂ emissions, an economy of means in construction is to be promoted. Construction must adhere to the logic of circular economies.

- Funding sources and profits earned must be legitimate and transparent.
- Projects should cover operating costs over their lifetime and generate an acceptable rate of return.
- Integration of the project into the wider economic framework of local, regional, and global monetary flows.
- Demonstrate flexibility to adapt to future changes of user needs, ownership, laws, regulations, and economic fluctuations.
- Robust economic models are sought that take unpriced external costs into consideration from the outset.
- Contribute positively to reducing emissions and to the overall CO₂ balance of a structure’s use-cycle.

Contextual and aesthetic impact – PLACE

Projects must convey a high standard of architectural quality as a prevalent form of cultural expression. With space, form and aesthetic impact of utmost significance, the material manifestation of the design must make a positive and lasting contribution to the physical, human and cultural environment.

- Improvement of existing contextual conditions responding to the natural and built environment.
- Interdependencies of landscape, infrastructure, urban fabric and architecture.
- Working with the given building stock through sensitive restoration, re-use or re-modeling of the built environment.
- Inventive programming strategies in terms of use, multiplicity of functions, short-term flexibility and long-term adaptability.
- Architectural quality and aesthetic impact, specifically concerning space, spatial sequences, movement, materials, light and ambiance.

For further information on the "target issues" and exemplary projects see www.lafargeholcim-awards.org/target