

18th Oct 2021 - 19th Jan 2022



GHANA INNOVATION FARM

20.000€



> INTRODUCTION

Architecture is the branch of knowledge that shapes and structures places for human activities. It gives an answer to several and various issues, where solutions embody designer's creativity and intellect. Architectural quest doesn't simply resolve itself nor in a stylish, nor a functional, nor an economic, nor a technological answer. A genuine architectural answer comes through making

a patchwork of all those issues, where designer manages to blend and structure them together with sensibility and control. YAC aims to promote contemporary projects that embody a temporal and personal approach to architectural space. Idea is the keyword, Architecture is the answer and project is the medium through which intuition transforms into concrete reality.



Manni Group provides systems, solutions and skills for the dry construction steel industry. It promotes new scenarios in order to remove energy waste and polluting emissions in the existing estate stock.

Thanks to its 75-years experience, the Group has turned international by promoting the principles of Circular Economy and sustainable construction. This entailed the processing of materials such as 100% recyclable steel to make products that contribute to meet the standards to obtain LEED and BREEAM certifications. Moreover, the Group relies on instruments to enhance transparency as EPD and ILFI's (International Living Future Institute) DECLARE label.

Today, more than ever, looking towards the future means committing for a more sustainable world. This world has to be able to preserve the existing resources and opportunities for the next generations. Without any doubt, this long-term vision has to enhance the talent and ideas of all the professionals that will be its protagonists.

This year's competition focuses on urban regeneration by using a modern and sustainable methodology as steel offsite construction. This means creating some parts of a building or a whole building in the workshop and then assemble them in the building site. This determines the maximum accuracy in terms of time, costs and performance.

Working with modular and repeatable components means supporting an industrialization process that never compromises or limit the architectural result. For these reasons, Manni Group is delighted to present the third edition of the Manni Design Award. By choosing fascinating themes, this architectural research activity aims at identifying a series of sustainable solutions able to define the future of our cities.

This is a refined and prestigious initiative aiming to become one of the most distinguished international debate opportunities to pave the way for change. It will do so by enhancing architects' talent.

MAIN SPONSOR



At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 110,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of 59 billion euros in 2020. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com.

SPONSOR



ROCKWOOL Core Solutions is part of the ROCKWOOL Group and is offering advanced tailor-made stone wool products to be integrated into finished systems.

At the ROCKWOOL Group, we are committed to enriching the lives of everyone who experiences our product solutions. Our expertise is perfectly suited to tackle many of today's biggest sustainability and development challenges, from energy consumption and noise pollution to fire resilience, water scarcity and flooding. Our product range reflects the diversity of the world's needs, while supporting our stakeholders in reducing their own carbon footprint.

Stone wool is a versatile material and forms the basis of all our businesses. With more than 11,600 passionate colleagues in 39 countries, we are the world leader in stone wool solutions, from building insulation to acoustic ceilings, external cladding systems to horticultural solutions, engineered fibres for industrial use to insulation for the process industry and marine & offshore.

ROCKWOOL Core Solutions is ready to offer you the Power of & and demonstrate how the 7 Strengths of Stone can be built into your products and solutions to help shape a more innovative future.

ROCKWOOL Core Solutions. The Power of &.

SPONSOR



Rely on it.

1,000,000 rolls produced each year, 350 employees, 1 operational site in Spain and 10 sales units in Europe, America and India: These are the numbers that make RENOLIT WATERPROOFING the benchmark for waterproofing roofs and coverings, swimming pools and civil engineering, by manufacturing durable, versatile and high quality certified synthetic membranes. The company is part of the RENOLIT Group, a German multinational that is a leading manufacturer of plastic materials with an annual turnover of over EUR 1 billion.

RENOLIT WATERPROOFING with the historical brand ALKORPLAN is today a business unit that accounts for EUR 130 million, 45% of which is represented by the roofing division. All this is completed by constant expansion of sales at international level, which is currently focused in Europe. These numerous sustained efforts are reflected in constant investment in research and development that led to the new Solar Shield Technology that is universally suitable in every climate.

RENOLIT WATERPROOFING ROOFING is characterised by a wide range of waterproof thermoplastic membranes for roofs and coverings, which can maximise the energy efficiency of the building. The white version "cool roof" has the highest SRI of the CRRC database, 115: reliability, impeccable aesthetics, energy savings, sustainability, ease of installation and even higher durability are therefore, in short, the strengths of these synthetic waterproof membranes.

PATRONAGE



SACE is the financial insurance company specialized in supporting the growth and development of businesses and the Italian economy through a wide range of tools and solutions to improve competitiveness in Italy and worldwide.

For over forty years, SACE has been the partner of reference for Italian companies exporting to and expanding in foreign markets. SACE also cooperates with the banking system, providing financial guarantees to facilitate companies' access to credit. This role has been reinforced by the extraordinary measures introduced by the so-called Liquidity Decree and Simplification Decree. These measures have added important elements to SACE's role, expanding its scope beyond its traditional role in exports and internationalisation, to the domestic market and green projects.

SACE has always paid particular attention to the sustainability of the projects it supports, evaluating environmental, social and economic impacts on the basis of OECD guidelines, in a logic of inclusiveness and shared value. Values that are reaffirmed in SACE's Sustainability Report and strengthened by the introduction of the Climate Change Policy: these include measures aimed at improving the contribution of business activities supported by SACE to the reduction of climate-changing emissions.

SACE serves over 26 thousand companies, especially SMEs, supporting their growth in Italy and in around 200 foreign markets, with a diversified range of insurance and financial products and services.

GCCA serves more than 1 100 companies in 85 countries who serve the food industry by providing third party, temperature controlled supply chain services. Over 40 percent of GCCA members are outside North America. GCCA serves as the focused voice of the cold chain industry. GCCA is a platform for communication, networking and education for each link of the cold chain. Each of the Core Partner associations was founded years ago: IARW in 1891, IRTA in 1994 and CEBA in 1978. In 2007 these organizations came together under the united umbrella organization, the Global Cold Chain Alliance.

InspiraFarms was founded in 2012 with the goal of providing small and growing agribusiness in emerging markets with the tools, technology and expertise to significantly reduce food losses and energy costs, and access higher-value markets.

InspiraFarms designs, develops and supplies modular and energy-efficient on-farm and close-to-farm cold rooms and packhouses for the horticultural sector in emerging markets, with a focus in African countries.

InspiraFarms provides agribusinesses, exporters, 3PL and food distributors with sustainable growth solutions for handling their fresh produce, that significantly cut energy costs, reduce food losses and come ready to meet the major international food safety certifications, and allows remote performance monitoring.

At InspiraFarms we provide clients in Africa with cold chain solutions for fresh produce that allow to sell more product, at a lower cost, with longer shelf-life and with increased supply chain transparency, to allow increasing financial bottomline and sustainability.

We've helped numerous clients overcome the challenges of unreliable electricity supply, dependence on diesel generators and financial barriers to achieve sustainable growth.

As a 'Best-for-the-World' founding B-Corporation rated in the top 10% of our industry, InspiraFarms offers their clients unparalleled service and technical support, while providing a clear understanding of their return on investment.

With the support of InspiraFarms and its partners, our clients have improved livelihoods, including new jobs filled by women in underserved communities.

Ifria is an integrated Cold Chain development company focused on developing and operating, in franchise, license or directly Cold Chain logistics assets ranging from added value storage/logistic hubs to first mile Cold Chain installations. Ifria integrates its founders Management work in Cold Chain development and logistics in developing frontier markets globally to profitably develop impactful Cold Chain assets in North and West African markets.

Fondazione Promozione Acciaio is the cultural body that promotes the development of steel constructions and infrastructures in Italy.

It was founded in 2005 to actively contribute to the innovation and competitiveness of the construction sector by disseminating and enhancing the design and technological-construction aspects that differentiate metal carpentry from other construction systems through intense publishing, communication and marketing activities; participation in national and CEN regulatory development tables; specialist training activities with direct provision of CFPs and technical, scientific and regulatory assistance.

Since 2007 it has been part of the international IPO - Independent Promotion Organization Steel Network, the network that, in collaboration with WSA and ECCS, coordinates promotional initiatives in European Community countries for what concerns the use of steel in the construction sector.

Fondazione Promozione Acciaio represents the chain of steel constructions in Italy, from production to installation: a targeted system approach makes it possible to put single excellence at the service of innovative, safe and quality buildings as a common denominator.

The action plan is supported by a network of associated companies, including important national and international players: Italian and European steel mills, trade associations, processing and distribution companies, metal manufacturers, machine tool manufacturers, software companies, and architects and engineers designers.

The intense cultural activity of the Foundation contributes to making knowledge and skills on the design and construction of steel works accessible, expanding the base of professionals and investors who work with steel and increasing the quality of our building and infrastructure stock.



> BRIEF

Some paradoxes are particularly painful.

There is much talk of space race, rapid and relentless consumption of resources. Many people have too much, far beyond what is necessary. Yet, **in numerous places of the world, people are still suffering from hunger.**

There are no simple solutions to the gaps that have always affected human society. Still, what is certain is that often **poverty is not caused by insufficient natural resources.**

One third of the population of the Global South practices agriculture in contexts that are highly suited to such activity. Yet, despite a favorable climate and right soil conditions, it is precisely these peoples that obtain less

value from the agri-food supply chain. This is because often the main causes of vulnerability are not natural but infrastructural.

In order to guarantee sufficient nutriment, both production aspects and the possibility to preserve food or food resources play a crucial role.

The cold chain is one of the core issues of the global nutrition challenge. InspiraFarms is well aware of that. For more than 10 years, it has been at the forefront in promoting technological development and dissemination together with the construction of facilities able to stabilize and preserve food produced in emerging countries.

Consistently with the United Nations goals, in one of the emerging African agricultural scenarios, **InspiraFarms is about to build a technological and cultural hub** to address the global challenges of food supply chains. It will generate a greater availability of products and job opportunities in a place where more than 25% of the local population live below the poverty line.

In this hub, a system of infrastructures and a training center will share with the local population knowledge and technologies to meet their needs. This will be achieved by developing strategies to make their activities more competitive and seeking new ways to create jobs and opportunities especially for young women and segments of the population facing higher risks.

This is the goal of Ghana Innovation Farm. It is the third edition of the Manni Design Award, which is InspiraFarms' ally for the creation of a beacon of culture and innovation. It shall become a reference for the local community providing resources, knowledge, and solutions able to meet the most basic of human rights: access to food.

Manni Group and YAC thank all the architects who will take part in this challenge.



> SITE

Ghana: “the land of the Warrior King” or “gold coast” – as some Portuguese colonists used to call it- is the **legacy of one of the richest and historically trade-based African lands**. Ghana is situated in West Africa between the Gulf of Guinea and the Atlantic Ocean. It borders with Ivory Coast, Burkina Faso and Togo and is located a few degrees north of the Equator. The country boasts a warm climate and a geography comprising prairies, coastal shrubs, and forests. Moreover, it boasts **magnificent beaches with sandy coastlines and a flourishing countryside with soft shapes**. It is studded with trees with copious ramifications and unmistakable palm trees that are the main natural feature of such corner of the planet. At dusk, **low grass hills** turn gold. Columns of

smoke rise from the fireplaces of unfired-earth and metal-sheet farms announcing the imminent evening meal. **Ghana’s inland landscape still represents a rural and unspoiled Africa. The Africa of populations that are poor in wealth but rich in traditions**, values, music, dances, and some of the greatest and most suggestive rituals of Sub-Saharan Africa. The Ghanaian **landscape is certainly marked by human presence**. Here there is the reservoir of Lake Volta, which is the largest artificial river basin in the planet. **Yet, such landscape maintains all those vernacular features that make the African countryside so unique and fascinating**. This is a land of wonders and terrible contradictions. Along the west banks of Lake Volta, InspiraFarms will establish its hub in Afram Plains District. For a contextualized design able to generate solutions that are viable for the client, the following section provides significant information regarding the social and cultural context of the site, the

operators and the interventions admitted by the competition.

1. **Ghana**; the current Republic of Ghana was already inhabited in the 11th century BC. It was occupied by the homonymous empire. In ancient times, it used to be a social and political structure comprising a large part of Sub-Saharan West Africa. It used to be particularly good in gold, salt and ivory trade with both European and Arab peoples, with the latter thanks to the import of dromedaries. After more than 700 years, in 1076 the conflict with the Berber empire brought an end to this structure. The fragmentation of the Ghanaian kingdom originated a series of small empires as the Malian and the Ashanti ones. The Ashanti empire was an aggregation of clans of warriors based on the legacy of the previous political system. Its origins are lost in history and legends. Today, its descendants still live according to their tradition



of veneration of imperial symbols- the “Golden stool” and the “Ashanti crown”. The first European presence in the area dates back to approximately 1471 following the Portuguese conquest of the port of Elmina. Here, lay one of the deadly slave trade centers, which fed the American demand for labor until the 19th century. There are numerous architectures attesting this shameful chapter of history as the Cape Coast Castle and other facilities. Prisoners used to be accommodated here waiting to embark to reach the Americas. After being subjected to British rule, Ghana was the first African colony to obtain independence from the United Kingdom. Since the establishment of the Republic in 1960, the country has been enjoying a situation of stability that is extremely unique in the African continent. Modern Ghana is one of the most prosperous countries of West Africa. It boasts a high literacy rate and significant investments in education accounting for 40% of public expenditure. Yet, the country still must address numerous issues and chal-

lenges. In Ghana more than 25% of the population live on less than a dollar a day. Here, thousands of people are crammed into shanty towns in the suburbs of their metropolises in dystopian scenarios as the one of Agbogbloshie. This is the largest accumulation of electrical waste in the world. The people who live here constantly light open fires to collect copper and precious metals and sell them for a few dollars a day. In the African continent, splendor and poverty are two sides of the same coin. Consequently, Africa is one of the most interesting design areas from both a landscape and humanitarian point of view.

2. **The global food challenge;** one of the most complex issues of sustainable development regards the way the world will meet its food demand. This is a long-standing and absolutely topical issue. In spite of the numerous discoveries about food productivity based on scientific progress, it is still an ongoing issue. Since the '50s,

huge strides forward have been made in technologies increasing agricultural productivity. However, they have too often been neglecting the environment and a sustainable approach aiming to meet current needs without consuming resources and opportunities for future generations. Despite an increase in productivity, between 30% and 50% of crops are lost along the supply chain. Such losses can be controlled in large measure. Currently, the demand of fresh fruits and vegetables in industrialized countries is increasing, mainly requested by millennials. As a result, exports from Africa are skyrocketing. Consequently, in many African metropolises the large-scale distribution is consolidating in order to provide millions of middle-class people with fresh products. This also reinforces the need to replace imports of products that can be provided locally according to adequate storage facilities.

3. **InspiraFarms;** InspiraFarms' actions are based on



unquestionable figures. In emerging countries, only 4% of production can count on the cold chain with a 50% loss of the harvested product and a significant effect on emissions due to waste and perishing of food resources. Likewise, in the same countries, the administrative and technological procedures for suitable food storage and refrigeration systems are particularly expensive and complex. This is the reason why InspiraFarms offers certified and replicable design solutions for B2B, supply chains and agricultural producers. Thanks to InspiraFarms' systems, the players of the food supply chain- especially farms- can refrigerate and preserve their product increasing their competitiveness on the market and achieving hygiene standards in compliance with the international legislation. Moreover, the cold chain can offer added value to African exports. Because of the lack of infrastructures, they often obtain half of the value compared to the products coming from oth-

er places. In the long term, a suitable cold chain enables emerging countries to increase product availability after months from the harvesting, increase the volume of exports and consolidate their commercial system by stabilizing the food system and significantly decreasing greenhouse gas emissions.

4. **Afram Plains;** Southern Ghana is defined as "Ghana's breadbasket". Here, InspiraFarms and Complete Farmer (a company aiming at developing agri-business in emerging places) aim to build a center for the cold chain equipped with numerous systems to support local farmers during the harvest season and the period following it. Consistently with the UN agenda for Sustainable Development, such system will comply with some fundamental principles:

a. it will be a meeting point and a place where adminis-

trators, technicians, people in charge of the community and farmers can exchange views. It shall become a reference point for the local population. Here, the locals can find services and answers to implement their quality of life;

b. it shall take inspiration from environmental sustainability principles when it comes to energy supply. When dealing with cold chains, this is not marginal at all (in fact, there will be a 20-mwatts photovoltaic system). In addition to that, it shall take those principles into account as for the impact of the works. Materials, construction technologies, each aspect of the design shall be consistent with a "carbon positive" approach to leave to future generations a more prosperous and abundant planet, not a poorer world with less resources. Environmental compensation solutions will be possible starting points to compensate the ecological footprint of the new center (some



- examples can be recharging the water table with sheets of water, planting green areas, designing biophilic architecture);
- c. the center will promote progress and social advancement. It will do so by favoring the employment of younger generations (through the supply chain connected with the cold chain) and mostly the female population thanks to the promotion of self-entrepreneurship and competitiveness of local farmers;
 - d. it shall meet hygiene and health requirements according to European standards (in order to make productions competitive and in line with the market);
 - e. it shall be built according to technical solutions that are compatible with local economies and geo-material features. Likewise, it shall propose a replicable approach in order to become a benchmark for all developing countries needing technologies and training about the cold chain. In this sense, the in-

- tegration of off-site technologies that architects can find in the technical description combined with local materials and technologies will be a good expedient to design buildings that meet the highest standards but at the same time are consistent with the context they are situated in.
- f. It shall become an iconic architecture representing the innovation and modernization process of the country. In Ghana architecture has always shaped landscape with colors, motifs and symbols creating a dynamic space combining tradition and culture. Existing architectures perfectly encapsulate the history of this country. In Ghana one can find both rare traditional buildings made from straw, mud and wood and colonial-era symbolic buildings as towers of Victorian taste, fortresses, and castles. Among these buildings, there are also examples of tropical modernism of the fifties and socialist architecture

imported from Eastern Europe during decolonization. Today, the country boasts a series of innovative projects with unconventional materials and shapes. This is the expression of a generation of emerging talents that depart from the language of the past aiming to create a local language in step with the times. The new InspiraFarms' hub shall be situated in such context. It shall be a real architectural landmark to become one of the most important architectures of the country.



> PROGRAM

Architectures for education are one of the most fascinating typologies architects can design. They are the place where consciences are born and knowledge is shared. They are **positive contexts where the future is nurtured**. They aim at generating progress, innovation, and social wellbeing. The typology with educational purpose is meaningful by itself. Still, in this competition, it is combined with an **especially prominent humanitarian purpose**: designing a place that can be a starting point for the local community. Here, the locals will live a new start with a renewed awareness of their resources and skills counting on instruments to guarantee food, wellbeing and sustenance for younger generations. **The**

Ghana Innovation Farm will be a place of hope, an icon of rebirth against the paradox of a world that is increasingly aggravating its gaps. It will be a seed of progress and equity to provide everyone with what is needed to survive **according to a sustainable and ethical economic development paradigm**. Therefore, Ghana Innovation Farm shall be a welcoming and comprehensible home for the local population. It shall integrate high technical standards with the tradition of the indigenous culture that created some UNESCO World Heritage sites in Ghana (Kumasi houses are a highly valuable and meaningful architectural unicum). **Combining technology and tradition, generating modernity starting from vernacular architectural expressions, designing an innovative training center** to be a home for the local community are some of the main challenges of Ghana Innovation Farm. The competition focuses on the building with ed-

ucational purpose. However, architects are required to deal with the whole complex of the food hub by positioning the buildings in a harmonious design of external space and façades:

1. Building A; it has already been designed. It is composed by offices, rooms to control the system and the main refrigerated warehouse. Keeping the design and the overall dimensions indicated in the dwg file, only the location of this block will be chosen, designing the external envelope for an effective and harmonious design of the entire complex. The insertion of porches, canopies, or the design of the facades will be at the complete discretion of the designer.
2. Building B; it has already been designed. It comprises a food processing and packaging system. As for



this building, architects shall choose the position and a harmonious design of roofs and façades. Keeping the design and the overall dimensions indicated in the dwg file, only the location of this block will be chosen, designing the external envelope for an effective and harmonious design of the entire complex. The insertion of porches, canopies, canopies, or the design of the facades will be at the complete discretion of the designer.

3. Building C; it has already been designed. It is the secondary warehouse. As far as this building is concerned, architects shall choose the position and a harmonious design of roofs and façades. Keeping the design and the overall dimensions indicated in the dwg file, only the location of this block will be chosen, designing the external envelope for an effective and harmonious design of the entire complex. The insertion of porches,

canopies, canopies, or the design of the facades will be at the complete discretion of the designer.

4. Building D; Innovation Farm. This is the core of the competition. It shall include:

- a. 3 classrooms for 20 people each; these are the places dedicated to learning and information. They shall be versatile and flexible spaces in order to guarantee different approaches to education;
- b. a canteen/cafeteria; this will be a place for social relations and relax. It shall favor interactions between operators by providing quality spaces. Moreover, it shall make the most of the surrounding countryside to create suggestive views and panoramas;
- c. a workshop for classes dedicated to electronics (at least 50 sqm). Here, information about the electrical

- d. systems of InspiraFarms' systems will be provided;
- d. a workshop for classes dedicated to mechanical engineering (at least 100 sqm). Here, information about the mechanical systems of InspiraFarms' systems will be provided;
- e. a food handling workshop. Here, people will learn about the processing operations of the agricultural product;
- f. toilets (sufficient for a peak of 60 people);
- g. offices (at least 50 sqm).

5. external areas; taking care to have an adequate access system for means of transport, the design of the external areas will gain particular importance in the context of the competition, with the aim of creating a pleasant, restful and socializing environment for visitors to the center.

> CALENDAR

18/10/2021 “early bird” registration – start

21/11/2021 (h 11.59 pm GMT) “early bird” registration – end

22/11/2021 “standard” registration – start

19/12/2021 (h 11.59 pm GMT) “standard” registration – end

20/12/2021 “late” registration – start

16/01/2022 (h 11.59 pm GMT) “late” registration – end

19/01/2022 (h 12.00 pm – midday - GMT) material submission deadline

24/01/2022 jury summoning

28/02/2022 results announcement

Fulfilling an “standard” or “late” registration does not affect the submission deadline, which is uniquely set on **19/01/2022**.

> FAQ

During the whole contest, until 19/01/2022- submission deadline - competitors can address any question to yac@yac-ltd.com. YAC staff will individually answer the competitors by e-mail and will weekly publish updates in the FAQ section of the competition website. Answers will be published in English and updated on Facebook and Twitter. Surely, YAC staff will be providing technical support in case of technical and functional problems during the upload procedure.

> PRIZES

1° PRIZE

10.000 €

2° PRIZE

4.000 €

3° PRIZE

2.000 €

GOLD MENTION BASF

1.000 €

GOLD MENTION Manni Sipre - Manni Green Tech - “The power of steel”

1.000 €

GOLD MENTION Isopan “Flat Roof Solutions”

1.000 €

GOLD MENTION Isopan “Ventilated Facade”

1.000 €

10 HONORABLE MENTIONS

30 FINALISTS

All the awarded proposals will be transmitted to architectural magazines and websites and will be hosted in international exhibitions. All the finalist proposals will be published on www.youngarchitectscompetitions.com

REFERENCES

Cover - Rwanda Chapel Competition, by Team ZAI

pg. 6 - Volontariat Home for Homeless Children by Anupama Kundoo

pg. 8 - Earth Stations by AMDL CIRCLE

pg. 9 - Dandaji Daily Market by atelier masomi

pg. 10 - Primary School in Gando by Kéré Architecture

pg. 11 - Soe Ker Tie House by TYIN tegnestue Architects

pg. 12 - The Arc at Green School by IBUKU

> HOW TO REGISTER

1. The registration procedure must be carried out according to the online process describe as follows.

2. The registration steps are one consequent to the other one: it is not possible to complete any of the steps described below without having completed the previous ones.

a. registration of a team:

- access: <https://www.youngarchitectscompetitions.com/login/index/signup>
- fill in all required fields with complete and truthful information;
- at the end of the process, you will receive an e-mail to activate your team account, this email contains the Team number ("Team ID" automatically and randomly assigned by the web system) and the password; in the event you do not receive this e-mail, check the "spam" folder";
- click on the activation link included in the email mentioned above to confirm the registration of the team;

b. registration of the team members:

- once the registration of the Team has been confirmed, you should login into your team account on YAC's website;
- select the competition you would like to join;
- add the members of the team by filling in all required fields with complete and truthful information; **please note: it is required to select a "Team Leader" among the team members as the responsible person towards the Organizer and the Partner for the information provided within the competition, including the information about the other members; the invoice for the payment of the registration fee will be issued in the name of the Team Leader;**

c. payment:

- login to YAC's website;
- select the competition you would like to join; at least the Team Leader will have to have already been included as a Team Member;
- pay the registration fee following by clicking on "Pay Now" and by following the instructions;
- once the payment is done, the Team Leader will receive the related invoice by email.

d. Materials' upload:

- login to YAC's website;
- select the competition for which you paid the registration fee;
- upload the materials following the indications;
- the Team Leader will receive a confirmation email for each material uploaded; should you not receive them, please, check the "spam" folder;
- repeat the abovementioned steps for each material required by the brief.

3. It is highly recommended to complete the registration, payment and upload procedures in advance in regards to the given deadlines.

> MATERIALS

Participants must upload the following materials in order to correctly take part in the competition:

- n. 1 A1 board (841 x 594mm) in .pdf format, maximum size 10 mb, horizontal or vertical layout, to be uploaded on the personal login area. This layout must contain:
 - i. design concept / conceptual idea;
 - ii. graphic framework aimed to illustrate the project (e.g. plans, facades, cross-sections) – the choice of what to display and at which scale is up to the competitor's choice;
 - iii. 3D views (e.g. renderings, model pictures, hand sketches);

File name: A1_TeamID_GIF.pdf (i.e. if "TeamID" is 123, file must be named A1_123_GIF.pdf)

- n. 1 A3 album (420mm x 297mm), .pdf format (maximum size 10 MB), horizontal layout, maximum 7 pages (boards) long, to be uploaded on the personal login area. The A3 album must contain:
 - iv. one general plan on a 1:1000 scale;
 - v. significative plans on 1:200 scale;
 - vi. at least one significative cross-section on 1:200 scale;

File name: A3_TeamID_GIF.pdf (i.e. if "TeamID" is 123, file must be named A3_123_GIF.pdf)

- n. 1 cover .jpeg or .png format 1920x1080 pixel size. It should be a relevant image showing the project that will become its avatar icon:

File name: Cover_TeamID_GIF.jpg (i.e. if "TeamID" is 123, file must be named Cover_123_GIF.jpg)

Texts must be brief and written in English. The materials cannot contain any name or reference to designers. The materials cannot report the Team ID number on them. This number is only meant to appear on the file name, since the jury will not be enabled to seeing it during the voting procedure.

> RULES

1. PREMISES

- 1.1. This Regulation includes the rules that regulate the Competition, as defined below, from the registration to the website of YAC srl, to the definition and announcement of the Winners and subsequent adjudication of the Prizes to the Winners.
- 1.2. The Competition is not, in any way, an event in accordance with Article 6 of the Italian D.P.R. 430/2001 and the publication of the Rules is not an offer to the public. When registering to the website of YAC srl, each user declares to fully know and accept the Rules of the Competition.
- 1.3. This Regulation applies the following Definitions:
 - “Organizer of the Competition” or “Organizer”: YAC Srl, with its headquarters in Bologna, Via Borgonuovo n. 5, VAT code 02509200412;
 - “Partner”: MANNI Group with its headquarters in Verona, Via A. Righi n. 7, VAT code 02960130231

2. GENERAL RULES

- 2.1. Participants must respect calendar, registration and fees deadlines and rules;
- 2.2. Participants must respect all the instructions regarding the required materials;
- 2.3. Participants can join the competition either individually or with a team;
- 2.4. Participants can be students, graduates, freelance architects even when they belong to a team. It is not mandatory to be experts of architectural disciplines or members of architectural associations;
- 2.5. Each Teams must include at least one team member aged from 18 to 35;
- 2.6. There are no restrictions on the maximum number of team members that a Team can have;
- 2.7. Teams can include members coming from different countries, cities or universities;
- 2.8. By paying one registration fee, participants are allowed to upload one project;
- 2.9. By paying additional registration fees, participants will be allowed to upload more than one project; the amount of the fees depends on the competition’s calendar;
- 2.10. Prizes are fixed and established (and include bank commissions and taxes) regardless of the number of members of the Team;
- 2.11. A technical staff appointed by the Organizer and the Partner of the competition will evaluate the eligibility of the projects: this is not binding for the purpose of the jury’s work;
- 2.12. The jury’s verdict is incontestable;
- 2.13. It is forbidden for participants to contact jurors for matters related to the competition;
- 2.14. It is forbidden for participants to disclose the material regarding their projects

- before the winners are officially announced;
- 2.15. It is forbidden for participants to join the competition in case they have business collaboration or blood-relations with jurors of the competition;
- 2.16. By violating the participation rules, the participant and their teams will be disqualified from the competition without any getting a refund of their registration fee, which will be definitely acquired by the Organizer;
- 2.17. The authorship of each project is equally attributed to each member of the Team;
- 2.18. By registering and participating in the competition, participants fully accept all the rules, terms and conditions of the competition. Any exception will be excluded;
- 2.19. The Organizer has the right to change dates or other details in order to improve or fix aspects of the competition. In this case, the contestants will be noticed within a reasonable time frame through all the Organizer’s media channels;
- 2.20. The Organizer is not responsible for web malfunctioning, technical difficulties or failure to receive or upload materials; it is highly recommended to complete the registration, payment and upload procedures in advance in regards to the given deadlines; participants are invited to notify the Organizer via e-email in case of technical problems;
- 2.21. All the material that is available and useful for the competition’s purposes is available in the download section of the competition website www.youngarchitectscompetitions.com regardless of registration in the competition; it is allowed to use additional material collected by participants.

3. INELIGIBILITY

- 3.1. Any participant - either participating individually or in a team - can be excluded from the competition. Participants can be disqualified when:
 - a. the submitted material is not written in English;
 - b. the materials show names or references to the designers. The Team ID is considered a reference to the designers. Therefore, it can only appear in the file name, since jurors will not see it;
 - c. the uploaded materials are incomplete or inconsistent to the criteria included in the chapter “MATERIALS”;
 - d. the materials are not submitted according to deadlines or to the procedures of the competition;
 - e. Teams do not include a participant younger than 35 (if the Team only has one member, the member is not younger than 35);
 - f. team members try to contact a juror for matters relating to the competition. In this case, the participant and their team will be automatically disqualified;
 - g. participants have work or family relationships with one or more members of the jury of the competition;
 - h. participants disclose their competition’s materials before the winner of the competition is announced; they will be disqualified together with their team;
 - i. participants are not the owner or authors of the submitted project or parts of such project; they will be excluded together with their team.

4. NOTES CONCERNING THE MATERIALS

- 4.1. By taking part in this Competition and accepting the Rules, Participants recognize, from now on, to the Organizer and to the Partner the non-exclusive right to: i) publish the Materials or part of the Materials in any way or form and with any means of communication and/or support, including online platforms, social media channels and printed publications; ii) distribute the Materials or part of the Materials in any way or form and with any means of communication and/or support, including online platforms, social media channels and printed publications.
- 4.2. All the projects that will win a money prize and any (available) intellectual property right and/or industrial right on the projects are definitively acquired by the Organizer and by the Partner. The organizer acquires the exclusive right of economic exploitation of the project and the permanent, illimited, irrevocable, exclusive, internationally-acknowledged right to use, realize, adapt, modify, publish in every media, display, reproduce and distribute the project also for marketing and advertising purposes, review the editorial, create works based on the project or giving the project or parts of it to third parties in any means, way or through any technology also including the freedom of panorama without any limitation in time or place.
- 4.3. By taking part in this Competition and accepting the Rules, the Participants awarded with a prize money or with a mention (projects receiving a honorable/finalist mention) undertake, from now on, to provide, if needed, any further digital materials (i.e. 3D models) regarding the project to help the Organizer and the Partner better report the results of the competition.
- 4.4. The Materials must be new and original and the outcome of the intellectual activity of Participants: works and/or materials that do not comply with these features must not be submitted. Therefore, Participants agree to indemnify and hold the Organizer harmless from any cost or damage connected with the infringement of any third-party intellectual property right. By taking part in this Competition and accepting the Rules, Participants declare to be authors (and/or co-author in the event the Team is made of more members) of the uploaded Materials.
- 4.5. The Participants of the Competition guarantees that the submitted Materials do not infringe, in any way, the industrial and intellectual property right of third parties and commit to hold the Organizer and the Partner harmless from any connected request that might arise from third parties.

5. PRIVACY AND TREATMENT OF PERSONAL DATA

- 5.1. The processing of Participants' personal will be carried out by the Organizer for the sole purpose of the participation in the Competition and distribution of the Prizes in compliance with the applicable regulation ex art.13 UR Reg. 2016/679. We invite all competitors to read it carefully.
- 5.2. Participants will be held accountable for the data - including personal data - they provide. The Organizer does not assume any responsibility for wrong data provided. In any case, according to privacy policies, the Organizer has the right to verify participants' personal data by requesting a copy of an identity document that reports the same data entered for the registration;
- 5.3. The Organizer will share the personal data provided by Participants to the Partner.
- 5.4. The Organizer is not responsible for participants' false data provision.

6. NOTES REGARDING PRIZES ADJUDICATION

- 6.1. The publication of the results according to the calendar of the competition has to be considered a provisional publication. It shall be bound by the verification of the requisites defined by the Competition;
- 6.2. Once the results will be published, the Organizer reserves the right to collect and verify a copy of the identity cards of the Winners and the papers signed by the Winners as requested by the Organizer.
- 6.3. Prizes will be awarded after verifying the identity of the Winners and after they sign a self-declaration certifying that they fully accept the terms of the Competition and the declarations of the transfer of rights regarding the Materials and the indemnification required by the Organizer for the use of the Materials.

7. COMPETENT COURT AND APPLICABLE LAW

- 7.1. the Italian law regulates the rules of this competitions. Any controversy that might arise shall be of exclusive competence of the Court of Bologna.



Mariam Kamara

Atelier Masōmī

Mariam obtained her Masters in Architecture from the University of Washington. In 2013, she became a founding member of united4design, a global collective of architects working on projects in the U.S., Afghanistan and Niger. This led to her founding atelier masomi in 2014, an architecture and research firm through which she tackles a wide variety of public, cultural, residential, commercial and urban design projects. Her work is guided by the belief that architects have an important role to play in thinking spaces that have the power to elevate, dignify, and provide a better quality of life. Through her practice, Mariam aims to discover innovative ways of doing so, while maintaining an intimate dialog between architecture, people, and context.



Giancarlo Mazzanti

El Equipo Mazzanti

Giancarlo Mazzanti is the founder of El Equipo Mazzanti, a Colombian studio with more than 25 years of experience in architectural design at national and international level. The studio's work is characterized by its multidisciplinary relationships that has generated notable and emblematic public and private buildings in Colombia and in the world which have been worthy of international recognition for their quality and representative image, and their capacity for urban and social transformation. They create unique pieces capable of generating pride and appropriation in the communities, becoming in general symbolic and emblematic buildings that all comply with the highest standards of sustainability and bioclimatic design. Their creations are capable of propitiating new and adaptable forms of behavior that result in the appropriation by the communities where the buildings are inserted. For his outstanding work El Equipo Mazzanti has been the winner of important prizes, mentions and national and international architectural design competitions.



Raul Pantaleo

TAMassociati

Raul Pantaleo is an Italian architect, born in Milano, graduated from the Faculty of Architecture in Venice. He is one of the co-founder of "TAMassociati", a practice specializes in IMPACT DESIGN. Since 2019 Professor at the architecture faculty of Trieste. Some of the current and completed projects include: The Salam Centre for Cardiac Surgery for Emergency NGO in Sudan (2013-Winner of the AGA KHAN AWARD FOR ARCHITECTURE, Children Surgery Centre for Emergency NGO in Uganda with Renzo Piano; healthcare buildings in Darfur, Sudan; Central African Republic, Sierra Leon, Afghanistan, Iraq, Kenya, Senegal, Rwanda and Uganda. In 2014 with TAMassociati- BEST ITALIAN ARCHITECT OF THE YEAR; in 2016- CURATORIAL TEAM OF THE ITALIAN PAVILION at the 15th International Architecture Exhibition of La Biennale di Venezia.



Diana Lopez Caramazana

UNDP United Nations Development Program

Born in Valladolid (Spain), she is a graduate of the University of Granada in Political Science and also holds a MSc on Public Service Management by the University of Birmingham (UK). Diana has dedicated more than 20 years of professional life to the importance of local governments in development and the essential role they play in providing public services, promoting opportunities, increasing democracy and achieving sustainability. She is currently Partnership Specialist on Cities and Urbanization at the United Nations Development Program in New York. In her previous positions at the UN, she has been Head of Local Governments and Decentralization at UN-Habitat in Nairobi and worked at the International Labour Organization on issues related to local economic development, international migration and employment creation. For the past 10 years, she has been involved in the local implementation of the global UN agendas such Agenda 2030, New Urban Agenda, Climate and Financing for development.



Giuseppe Grant

Orizzontale

He was born in Caserta in 1987. He studied at Technical University of Aachen RWTH and he graduate at the faculty of Architecture Valle Giulia of La Sapienza University in Rome. In 2012/2013 he collaborated with Collectif EXYZT for temporary architecture projects. He is founder member of Orizzontale, studio/laboratory of architecture based in Rome, active all over Europe on experimental projects including architecture, urbanistic, public art and self-construction. He gained different awards such as: "Giovane Talento dell'Architettura Italiana 2018" dal CNAP-PC, "YAP MAXXI 2014" dal MAXXI Roma e MoMA NYC, "RomArchitettura" (2015-2017) dall'INARCH. From 2017 he works with the London Metropolitan University for the research project of repopulation of abandoned historical center and new migrations topic. In 2019 he collaborates for Ludovica Carbotta MONOWE project at the 58th Biennale of art in Venice, intitled "May You Live in Interesting Times". From 2020 he teaches at University of L'Aquila Architecture and Architectural Composition IV (ACAIV) that focuses on the temporary architecture intervention started in collaboration with Maxxi L'Aquila "Strumenti per un progetto urbano incrementale".



Eduardo Souto de Moura

Eduardo Souto de Moura

Eduardo Souto de Moura was born on the 25th of July, 1952, in Oporto, Portugal. He studied architecture at the School of Fine Arts in Oporto, receiving his degree in 1980. In 1974 he collaborated in the architectural practice of Noé Dinis. From 1975 to 1979 he collaborated in the architectural practice of Álvaro Siza. From 1981 to 1991, he was assistant professor in his alma mater, and later began to serve as professor in the Faculty of Architecture in the University of Oporto. Own office since 1980. He has been visiting professor at the architectural schools of Paris-Belleville, Harvard, Dublin, ETH Zurich, Lausanne and Mantova. He has participated in numerous seminars and given many lectures both in Portugal and abroad. His work has appeared in various publications and exhibitions. In 2011 he received the Pritzker Prize and in 2013 the Wolf Prize.



Andreas Fries

Herzog & De Meuron

Andreas Fries has been Partner at Herzog & de Meuron since 2011. He first joined the Basel office in 1999 as an intern. Since 2002, he has been collaborating as an architect on various international projects, being stationed for some time at Herzog & de Meuron's Barcelona office. He is responsible for projects such as Asklepios 8 in Basel, Vitra Schaudepot in Weil am Rhein, Germany, Feltrinelli Porta Volta in Milan, Stadtcasino and Helvetia Campus in Basel, Hangzhou Factory Transformation, China, Iglesia en Ciudad Juarez, Mexico, or SongEun in Seoul. Andreas studied architecture at ETH Zürich, Switzerland, from 1996-2002, with student exchanges at the EPFL Lausanne, Switzerland and the Politecnico di Milano, Italy. In 2002, he graduated from ETH with a Master of Architecture (1st Class Honors).



Enrico Frizzera

Manni Group

Enrico Frizzera graduated in Economics at the University of Verona. He has acquired technical and organizational skills in the field of financial institutions. Specifically, he deals with insurances and reinsurances by collaborating with the main international consulting companies. After being general manager of the Cattolica Group, he has become Manni Group's CEO. Manni Group is a company mainly dealing with B2B. It is a leading company in the field of steel products, insulating panels, energy efficiency and renewable sources (industrial, commercial and residential segments).



Matthew Ott

Global Cold Chain Alliance

Matthew R. Ott, M.S., CAE, CMP is the President & CEO of the Global Cold Chain Alliance (GCCA), a coalition of organizations including the International Association of Refrigerated Warehouses (IARW), World Food Logistics Organization (WFLO), Controlled Environment Builders Association (CEBA), and International Refrigerated Transportation Association (IRTA). Collectively, these core partners work to ensure that a universally strong cold chain exists globally, maintaining, quality, and safety through every link. Prior to joining GCCA, Mr. Ott has held various executive and management positions within the association and non-profit industries with a focus on developing and implementing strategy to ensure organizational growth and long-term stability. For almost a decade, he was part of the leadership team at National Grocers Association, most recently serving as Executive Vice President and Chief Operating Officer of the National Grocers Association and Executive Director of the NGA Foundation. Prior to that, he worked with the Independent Lubricant Manufacturers Association, the National Recreation and Park Association, The University of New Hampshire/CoachSmartNH, and AIM Meetings and Events.



Lorenzo Bottinelli

BASF

Lorenzo Bottinelli was born in Como in 1973. In 1998, he obtained a degree in Chemistry at Università Statale di Milano and an MBA at SDA Bocconi in 2002. In 2004, he started his career in BASK and then became Key Account Manager of FIAT Group Europe and Local BU Manager dealing with key clients in the automotive field in Europe and Asia. In 2010, he started working in BTC, a company of the Group mainly dealing with the distribution of chemical products to small and medium-sized clients. Then, he became General Manager for Italy and Greece. In 2017, he was nominated Sales Director of BASF Italia S.p.A. Moreover, he became Global Key Account Team Leader of the group BASF for the client FCA (Fiat Chrysler Automobiles). Since March 2020, he is the new CEO and Vice-chairman of BASF Italia. He is member of the General Council of Federchimica, the Advisory Board Foreign Investors of Confindustria, the General Council of Assolombarda and the Executive board of PlasticsEurope Italia.



Michele Bruni

InspiraFarms

Dr. Bruni holds a PhD in Agricultural Economics and an MSc in Agricultural Science and Technology. He has a strong drive to explore solutions that serve the public good and meet the challenges of food systems' sustainability. Dr. Bruni's passion for exploring global challenges has taken him from his home in Italy to live and work in over forty countries over the past twenty years. This has inspired him to work with business partners and networks to build a company around developing innovative and efficient solutions to one of the most pressing issues of our time: reducing food losses. Leader in the rural development sector, Dr. Bruni published more than a dozen papers and book contributions ranging from ecosystems and markets to climate change. Before starting up InspiraFarms, Dr. Bruni worked for The World Bank in public investment projects in Agriculture in Africa, India and LAC and led Oxfam GB Latin America and Global Agriculture teams.



Manuel C. Kabana

Ifria

Manuel C. Kabana was educated in Economics, Banking and Logistics in Spain and the United States. He has worked for over 30 years in the Cold Chain & Perishable Logistics Sectors and previously in the Banking Industry both in the United States and Overseas (Project & Export Financing). He has acted in the past as General Manager & Director of Interfrisa, Frigoscandia Southern Europe (Prologis), Acciona Logistics in Spain, France, Italy and Portugal and other subsidiaries. Most recently, since 2019 he is Executive Partner -Operations at Ifria Cold Chain, an integrated Cold Chain development company focused on developing and operating, in franchise, license or directly Cold Chain logistics assets ranging from added value storage/logistic hubs to first mile Cold Chain installations. Ifria integrates its founders Management work in Cold Chain development and logistics in developing frontier markets globally to profitably develop impactful Cold Chain assets in North and West African markets.

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