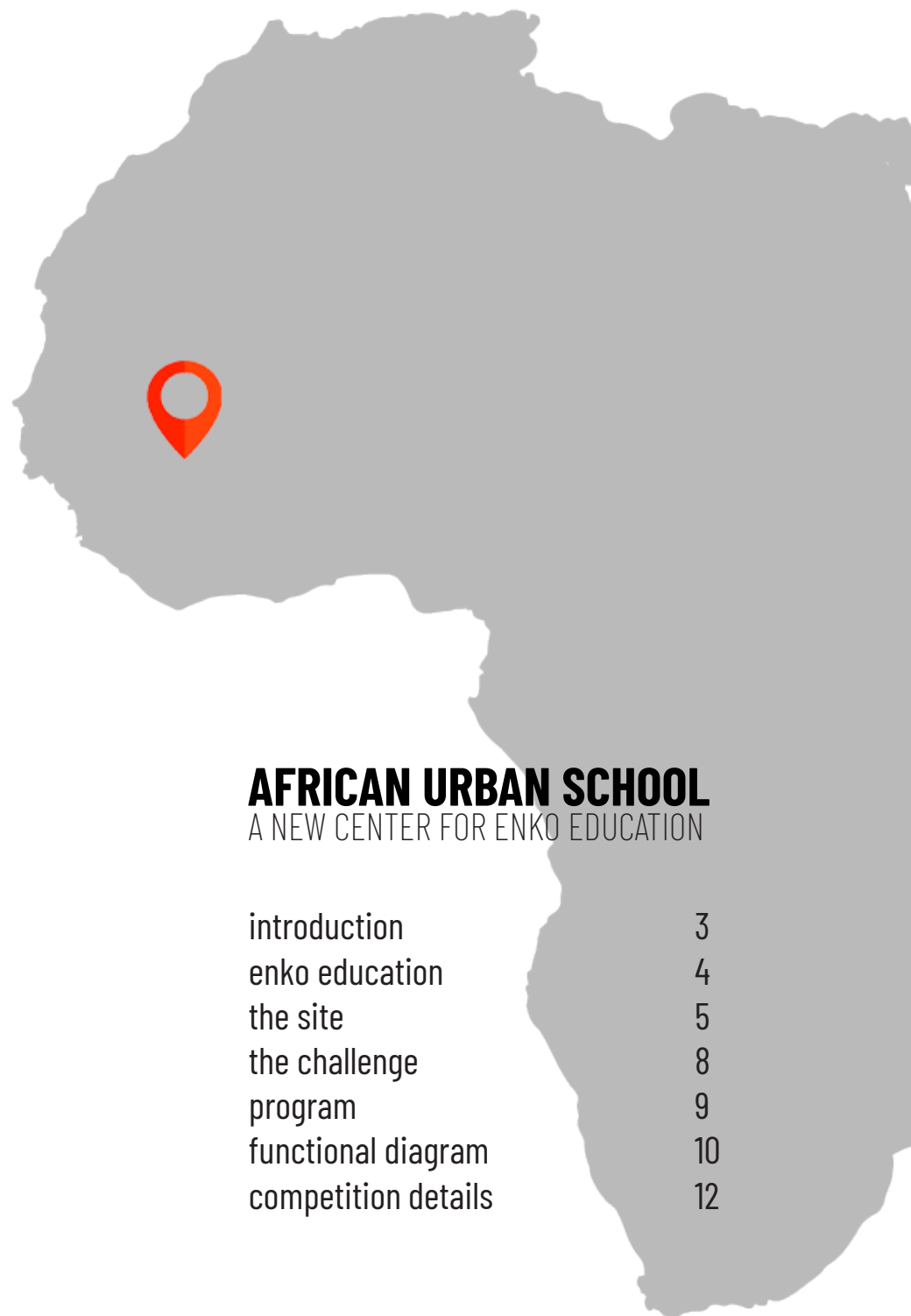


AFRICAN URBAN SCHOOL

A NEW CENTER FOR ENKO EDUCATION

10.000€ + CONSTRUCTION





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a competition by





INTRODUCTION

Africa has the **fastest urban growth** in the world. The continent's population is projected to double between now and 2050. Two-thirds of this growth will be absorbed by urban areas and, in the next 30 years, cities will be home to an additional 950 million people.

This offers great opportunities, but also challenges for African citizens, businesses,

governments and their partners.

Among these cities we can find **Bamako, the capital of Mali**. Considering the projected population growth, many of the current 2.6 million residents will live to see the **population surpass 13 million by 2050**.

Having that in mind, a **good urban school system is fundamental** to provide education to the millions of children that will be living in the city in a few years. Especially in a context where almost 50% of kids drop out of school and don't

even complete primary education.

To achieve that goal, Archstorming is partnering up with **Enko Education**. A network of African schools with presence in 9 countries that provides education to more than 3.200 kids.

They are building a new school in Bamako for 550 students and are looking for innovative designs and ideas. The winner proposal of the competition will be built. Do you accept the challenge?



ENKO EDUCATION

Enko Education is a fast-growing network of African international schools, increasing access to the world's best universities for learners across Africa.

Their innovative model allows kids to pursue an international education, since Enko helps them selecting the right universities and

securing both admission and financing for their future studies. This model has shown impressive results so far, with learners joining top universities like Yale (USA), Sciences PO (France), University of Toronto (Canada) or the African Leadership University in Rwanda.

Enko is currently present in 9 African countries: Botswana, Burkina Faso, Cameroon, Ivory Coast, Mali, Mozambique, Senegal, South Africa and Zambia. **They have a total of 15 schools and aims to open 45 more in at least 20 African**

countries over the next five years.

In order to do so, **they are looking for an innovative architectural design that will be used in their expansion across the continent**, solving their school infrastructure challenges.

They will start with a new school in Bamako, Mali, where they are established since 2018. Since then, they have grown so much that they are building a new school that will have a capacity of 550 students.



12°39'42.8"N
7°57'00.5"W

THE SITE

The new school will be located in Bamako, the capital and most important city of Mali. It has a population of 2.6 million people, of which 63% are under the age of 25 and 42% are children of schooling age.

The city has grown exponentially in the last 40 years. This translated in the urban expansion of

the city which grew on both sides of the river Niger and in every direction. The population is divided almost equitably between the Rive Gauche and the Rive Droite which represents respectively 54% and 46% of the population.

Enko's plot is located in the Rive Gauche. Just a block away of one of Bamako's main roads, the *Route de Koulikoro* (or RN27). It is next to a train station that is no longer in use and will be reconverted in the next years.

The plot is located between residential buildings in both sides, and it is now being used as a parking lot.

It has a rectangular shape, with a dimension of 49 x 34 m, which makes it a total area of 1.670m². Facing the unpaved street *Rue 96* we can find its main entrance, in the north side. The plot is completely flat and there are no trees or other plants to be considered in the project.

A detailed plan will be sent after completing the registration process.



◀ Main entrance from Rue 96



◀ Plot interior from South to North



◀ Plot interior from North to South



◀ View of Rue 96



THE CHALLENGE

Archstorming is looking for designs for **a new Enko school that will be built in Bamako, Mali.**

We are seeking for an innovative project that can become Enko's distinctive image. An architectural concept that can be used not only in this project, but also in their future developments across Africa.

The main challenges of this new school in Bamako will be:

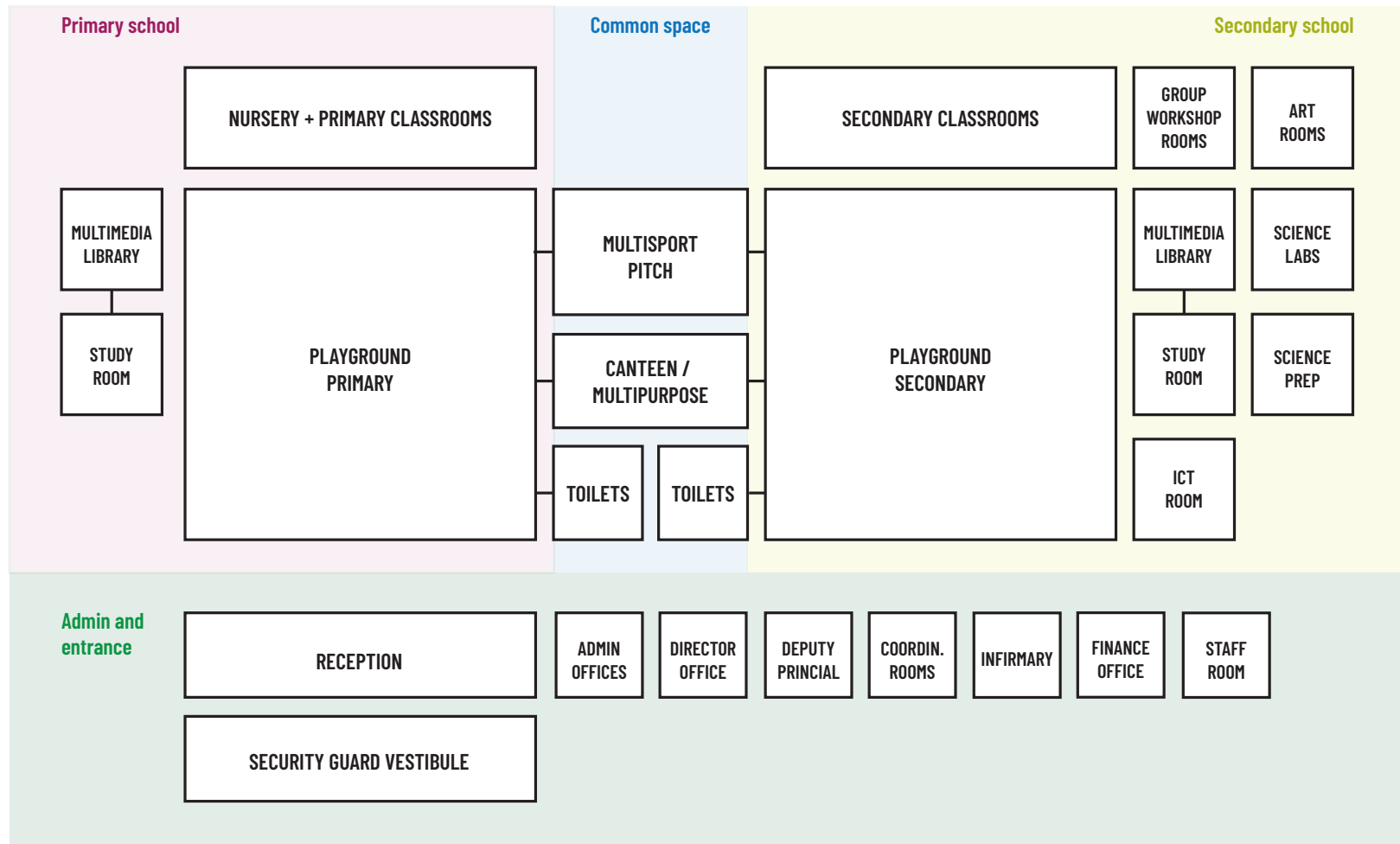
- **Function:** the new school will serve 550 students. Through architecture participants will have to make sure that Enko's values are well represented: Care, Pathmaking, Commitment and Team Spirit.
- **Materials and construction techniques:** they have to be realistic and respectful with the surrounding buildings and what's currently being used in the area.
- **Safety:** prioritize the factors of safety of people and safety of the buildings.
- **Sustainability:** we are looking for an environmentally conscious project in terms of materials and energetic efficiency.
- **Adaptability:** provide in the building's future development a logic growth plan to allow more students.

PROGRAM

The program of the new school is the following. Please take into account that the surface of each space is stated as a reference, it can be slightly modified in your proposals. In addition, these aspects will also have to be considered:

- The new building will be used as a **Primary + Secondary school**.
- The program can be all located in **one building or it can be separated** in more than one.
- Considering the available space, the school can be **Ground Floor + 3 or Ground Floor + 4**.
- The plot has to have a **perimeter wall of 3 meters with a guardhouse** at the main entrance.
- The **playground should have some covered areas** where kids can play when it is rainy. It should also be divided into a primary school playground and a secondary school playground.
- A **covert parking lot has** to be placed in front of the school (at the street)
- The number of students per classroom is 24/25. A total of 40 adults will also be working at the school as staff.

	Number	Surface (m ²)	Total (m ²)
Educational space			
Nursery classroom	3	70	210
Primary classroom	5	59	295
Secondary classroom	14	49	686
Group workshop room	4	24	96
Science laboratory	2	84	168
Science prep room	1	21	21
ICT room	2	70	140
Art room	2	60	120
Study room	2	49	98
Multimedia library	2	150	300
Total			2.134
Administrative space			
Security guard vestibule	1	9	9
Reception	1	30	30
Director office	1	20	20
Deputy principal office	2	9	18
Coordinator room	2	9	18
Finance office	1	9	9
Staff room	2	50	100
Admin offices	1	70	70
Infirmary	1	15	15
Total			289
Support space			
Bathrooms (boys and girls)	35	1,5	52,5
Bathrooms (adults)	12	1,5	18
School canteen / Multipurpose space	1	300	300
Hallways/ Circulation/ Stock... (15%)			419
Total			790
Exterior space			
Playground (Primary and Secondary)	1	1.000	1.000
Total			1.000
SCHOOL TOTAL (excl. exterior spaces)			3.213



PARKING

FUNCTIONAL DIAGRAM

The facility can be divided in four zones. In the case of Bamako the school will offer both Primary and Secondary education. It must be clear which spaces belong to the primary school and which ones belong to the secondary school, even if they are in the same building.

Playgrounds will be physically divided for each section of the school.

An outside parking lot and a security guard shack will welcome visitors and students into the school. After that, the first area people will find once they enter the building will be the "Administration and entrance" which will include all the offices and will distribute the kids

depending on if they are going to the primary or secondary area.

Apart from the school and administration, there will be some common areas directly accessible from the playgrounds: a multisport pitch, a canteen/multipurpose space and the bathrooms. Those spaces will be shared by all users of the school.

▼ 3D site view



After registration is completed, participants will receive: a 3D view of the site (.skp) along with a topographic plan (.dwg), pictures, videos, material prices of the area, and further specifications of each room of the school. Register by [clicking here](#).



AWARDS

Prizes totaling 10.000€ + CONSTRUCTION, broken down as follows:

1st PRIZE

6.000 € + PROJECT CONSTRUCTION
+ exhibitions and articles + certificate

2nd PRIZE

2.000 €
+ exhibitions and articles + certificate

3rd PRIZE

1.000 €
+ exhibitions and articles + certificate

SPECIAL HONORABLE MENTION

500 €
+ exhibitions and articles + certificate

SPECIAL HONORABLE MENTION

500 €
+ exhibitions and articles+ certificate

+10 HONORABLE MENTIONS

+ exhibitions and articles + certificate

In addition, the winning projects and finalists will be published in magazines, blogs or architecture web pages, social networks or the Archstorming website. A digital certificate of participation will be given to all contestants.

CALENDAR

JUNE 24, 2021	Early registration begins
JULY 28, 2021	Early registration closes
JULY 29, 2021	Regular registration begins
AUGUST 25, 2021	Regular registration closes
AUGUST 26, 2021	Advanced registration begins
SEPTEMBER 22, 2021	Advanced registration closes
SEPTEMBER 22, 2021	Submission deadline
SEPTEMBER 22 - OCTOBER 13, 2021	Jury decision
OCTOBER 14, 2021	Winners announced

*No submissions will be accepted after the general deadline indicated above: 23:59:59 Los Angeles time (UCT / GMT-7) or PDT.

ELEGIBILITY

Any architecture student or professional architect can participate in AFRICAN URBAN SCHOOL: a new center for Enko education, regardless of their nationality. Likewise, people from other disciplines can also participate, such as engineers, philosophers, sociologists, photographers, etc. It is not necessary to have an architect on the team, although it is recommended.

Teams may be formed by a maximum of four (4) members and a minimum of one (1).

All team members must be 18 years of age or older.

The registration fee must be paid per team, regardless of the number of members (1-4 people).

In the event that a team or participant wants to participate with more than one proposal, it will be necessary to register twice (or as many times as proposals will be submitted), paying the full price corresponding to each registration.

Under no circumstances may jurors, the organization or persons directly related to the jury participate in this competition.

SUBMISSION MATERIALS

Participants must submit two (2) A1 format boards (594x841 mm or 23.4x33.1 inches) oriented either landscape or portrait with the registration number in the lower right corner.

The content of the boards is open, as long as the idea that the participants want to communicate is clearly expressed. However, it is important to detail the proposal with the materials and constructive systems thought. The boards must be delivered in JPEG or JPG format and the file name must be the registration number provided by the Archstorming Team (eg 432465423-1.jpg and 432465423-2.jpg for the two boards)

In addition, one (1) description of the project no longer than 400 words must be submitted. The budget for the building has to be included in this document and doesn't count in the 400 words. It must be submitted in PDF format and the file name must be the registration number provided by the Archstorming Team (eg 432465423.pdf)

All the materials must be submitted in the Submit section on the Archstorming's website.

<http://www.archstorming.com/submit.html>

EVALUATION CRITERIA

The jury will evaluate the projects based on the objectives stated in the pages 8, 9 and 10 of this briefing. Specifically, it will be evaluated if the project meets the requirements in program, building techniques, materials and sustainability. Also, if it considers the climate of the region, if it can adapt to a future growth, and if it doesn't exceed the budget.

The jury is free to add other criteria that they consider important for the creation of the school.

A minimum of 50 proposals will be selected for the final round. Among these finalists, the jury will choose the winner, the second and third place, the 2 special honorable mentions, and the 10 honorable mentions.

FAQ

You can check the most common questions in the corresponding section on the Archstorming website:

<http://www.archstorming.com/faq.html>

Also, during the competition, all questions sent by email will be answered individually and uploaded to the section of the website mentioned above.

REGISTRATION

To register, fill the registration form in the correspondent page of our website.

<http://www.archstorming.com/register.html>

Once you complete it, you will be redirected to the payment page. Fill the details and complete the payment in order to complete your registration. Visa, Mastercard, Discover and American Express credit or debit cards may be used. The Archstorming team will not have access to credit card details. Please provide the information on the card as it appears on it.

Likewise, payments are accepted through Paypal.

Registration fees will depend on the registration date, and will evolve as follows:

EARLY REGISTRATION: 60€ + VAT

REGULAR REGISTRATION: 80€ + VAT

ADVANCED REGISTRATION: 100€ + VAT

VAT: 21%

Registration process must be completed on the official Archstorming website. In order for the registration to be successful, the team must pay the fee corresponding to the registration date.

Once the registration and payment process have been completed, there will be no refunds.

Immediately after registration and payment, the Archstorming Team will send a confirmation email to the email entered in the payment form. It will include the work material (pictures, site plans, etc.), as well as the registration number. This number must be placed in a visible spot on the team's competition board, preferably the lower right corner.

At the time of submission of the proposals, the registration number will be required to identify the team.

INTELLECTUAL PROPERTY

All the projects that win a monetary prize will become property of Archstorming, and therefore give Archstorming all rights to the materials from that moment on. Archstorming reserves the rights to use any of the participating projects for exhibitions and publications, digital or paper catalogues and dossiers.

Archstorming will publish all materials given appropriate attributes to the authors.

Archstorming reserves the right to modify the proposals and text in order to better adapt them to any publication format, without changing the essence of the proposal itself.

NOTES

Archstorming reserves the right to make any changes in the rules of the competition (dates, requirements, etc.). It is the obligation of the participants to check on a regular basis the website of Archstorming to verify if the Terms and Conditions or the competition information have been modified.

Enko Education is in charge of the project construction. Archstorming is collaborating with the project but not responsible of the school construction. If for any reason they finally cannot build it, Archstorming will not be responsible of the fact.

The breach of the norms and terms defined in this briefing or in the Terms and Conditions of the website of Archstorming will result in the immediate disqualification of the team without any refund of the payments made.

Archstorming reserves the right to cancel this contest in case it does not reach a minimum number of participants, defined in the Terms and Conditions. In that case, Archstorming will return the full amount of registration fees to the participants enrolled at the time of cancellation.

<http://www.archstorming.com/terms.html>