Shatotto
Feilden Clegg Bradley Studios
Aga Khan Academy, Dhaka, Bangladesh

Collaborating for sustainable development
Shatotto and Feilden Clegg Bradley Studios
June 2020
Partnerships

Architects:

Shatotto, Dhaka
+ Feilden Clegg Bradley Studios, London
Max Fordham and EMCS
AKTII and TDM
Grant Associates with Shatotto
Key Issues

- Working in partnership
- Balancing open space and building in a rapidly urbanising context
- A comfortable place for learning in the climate
- A Place with historical resonance
- Testing and learning through building prototype
Aga Khan Academies Worldwide

- Operating Academy
- In construction and/or design
- Land acquired
- Market and land selection studies underway
- Future sites

- Mombasa, Kenya
- Nairobi, Kenya
- Antananarivo, Madagascar
- Kampala, Uganda
- Maputo, Mozambique
- Dar es Salaam, Tanzania
- Bamako, Mali
- Kinshasa, Democratic Republic of the Congo
- Kabul, Afghanistan
- Bishkek, Kyrgyz Republic
- Dushanbe, Tajikistan
- Khorog, Tajikistan
- Damascus, Syria
- Salamiheh, Syria
- Hyderabad, India
- Dhaka, Bangladesh
- Karachi, Pakistan
- Lisbon, Portugal
Mission Statement:

"The Academy will identify and nurture exceptional young people from any background with the potential to become effective, ethical leaders.

It will be a joyful community of lifelong, fearless learners who are culturally-rooted and internationally-minded."
The Aga Khan Academy, Dhaka, Bangladesh – collaborating for sustainable development
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The 17 Sustainable Development Goals

Health and well-being

Quality education

Gender equality

Decent work and economic growth

Sustainable cities and communities

Responsible consumption and production

Life on the land

Partnerships
Bangladesh has a Subtropical monsoon climate with 6 key seasonal variations in rainfall, high temperatures and humidity.
Tropics of Cancer

Bangladesh: Partly Tropical, Partly Not Tropical
Sun path diagram
12:00 Noon

Summer and Autumn:
- Vertex
- 93°
- Winter:

NORTH
SOUTH
Urban site - green lung in an expanding city
The Academies brief across different sites

- Dhaka
- Maputo
- Hyderabad
Low density  Medium density  High density
Urban density 2014
Projected urban density 2025
A footprint which accommodates environmental forces
Elemental principles in a complete education
A footprint for a complete education
Historical references
Materials and language
Materials and language
Full scale mock-up for testing design and quality
Full scale mock-up for testing design and quality
Initial post occupancy evaluation
Shaded circulation
School
Richness of landscape
Seasonal Plans

Summer plan

Monsoon plan
DURING LOW INTENSITY RAINFALL
Residences
Shatotto
FeildenCleggBradleyStudios