

**Cityscape Architecture Workshop - Powered by RIBA Design
Charette at Egypt 2023
Digital gallery – Winning proposals**



The Histo-Affinity

First Place Winner

Proposal Title: The Histo-Affinity

School: Arab Academy for Science and Technology Alexandria

Students (Team B):

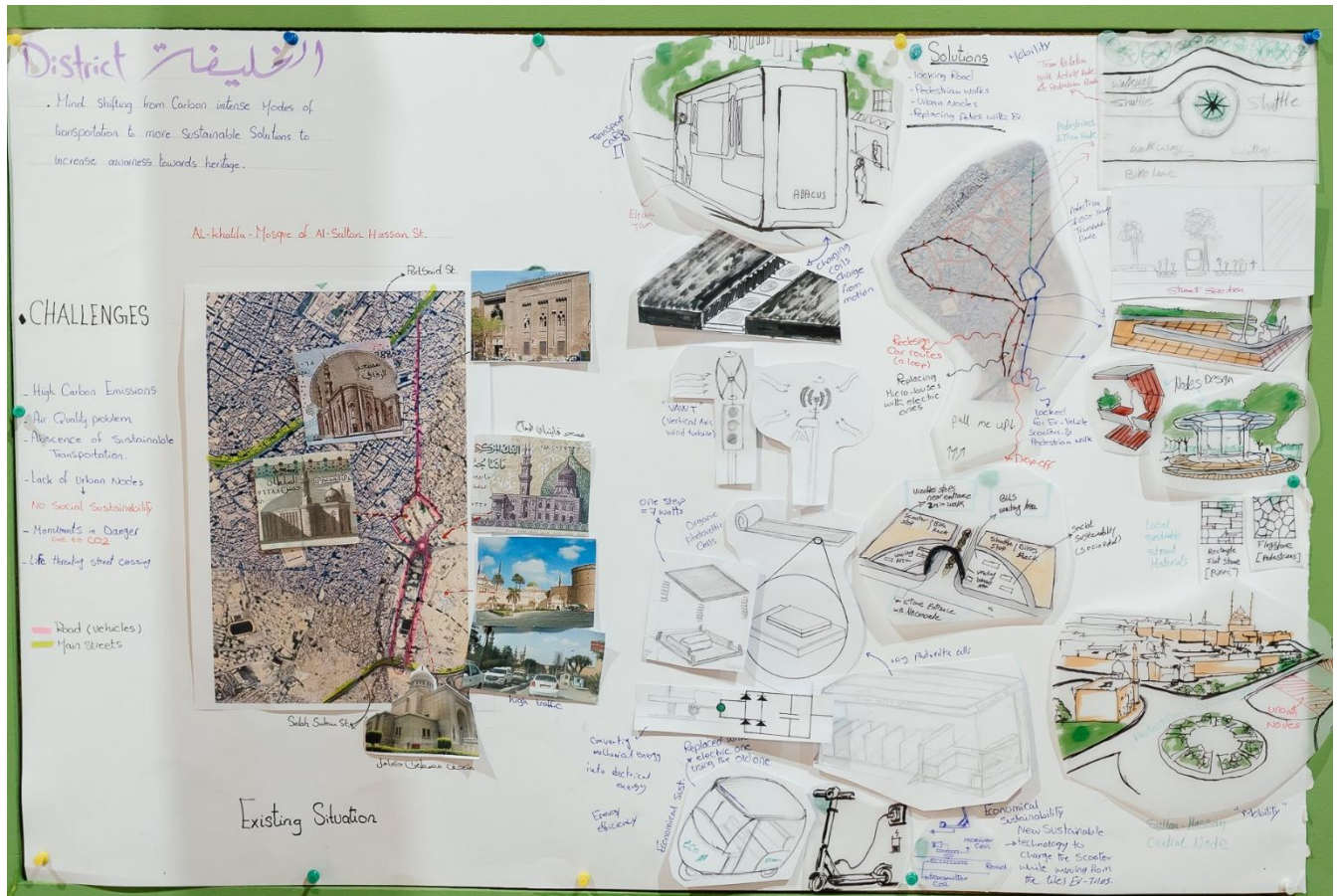
- Sara Ehab Ahmed
- Nada Mahmoud El-Nenaey
- Hanin Walid Yakout
- Lina Yasser Mohamed

Brief description:

Sustainable transportation development and enjoying the magnificent historical monuments and sites in Cairo shouldn't contradict so, our team decided to merge both in our project "The Histo-Affinity". By looking at the destruction taking place in parts of the city of the dead, our team decided to expose the importance of our history ,attract tourists and give a whole new experience to the selected site in historical Cairo through enhancing sustainable types of transportation which are walking and cycling while conserving and respecting the historical monuments and sites.

To manifest the issue, The site was selected based on the richness due to the presence of Al Azhar Park and Salah Eldin ElAyubi Citadel among other important historical sites and based on the disconnectivity which is the main problem in the site. The disconnectivity of the urban fabric is a result of narrow and dead end streets, street vendors, garbage in streets, absence of clear and safe pedestrian paths and lack of nodes and plazas.

The design's idea depends on connecting Al Azhar Park and Salah EIDin ElAyubi Citadel by taking advantage of the topography between both historical sites and reviving and upgrading a part of the 19th century urban fabric "Bab El Wazir Street" as a strong spine with various historical sites on it and connecting it with "Bab El Wadaa street" as a second strong pedestrian spine through creating an elevated pedestrian path with greenery (while maintaining the existing vehicular street under it). Also, creating a network of nodes and green open spaces (and an important node in the intersection of the two spines) that serve as magnets , breather, points of attraction and an approach for important monuments and historical sites as well. Hence, a sustainable network of transportation could be achieved.



Changing Minds in El-Khalifa District

Second Place Winner

Proposal Title: Changing Minds in El-Khalifa District

School: Arab Academy for Science and Technology Cairo

Students (Team B):

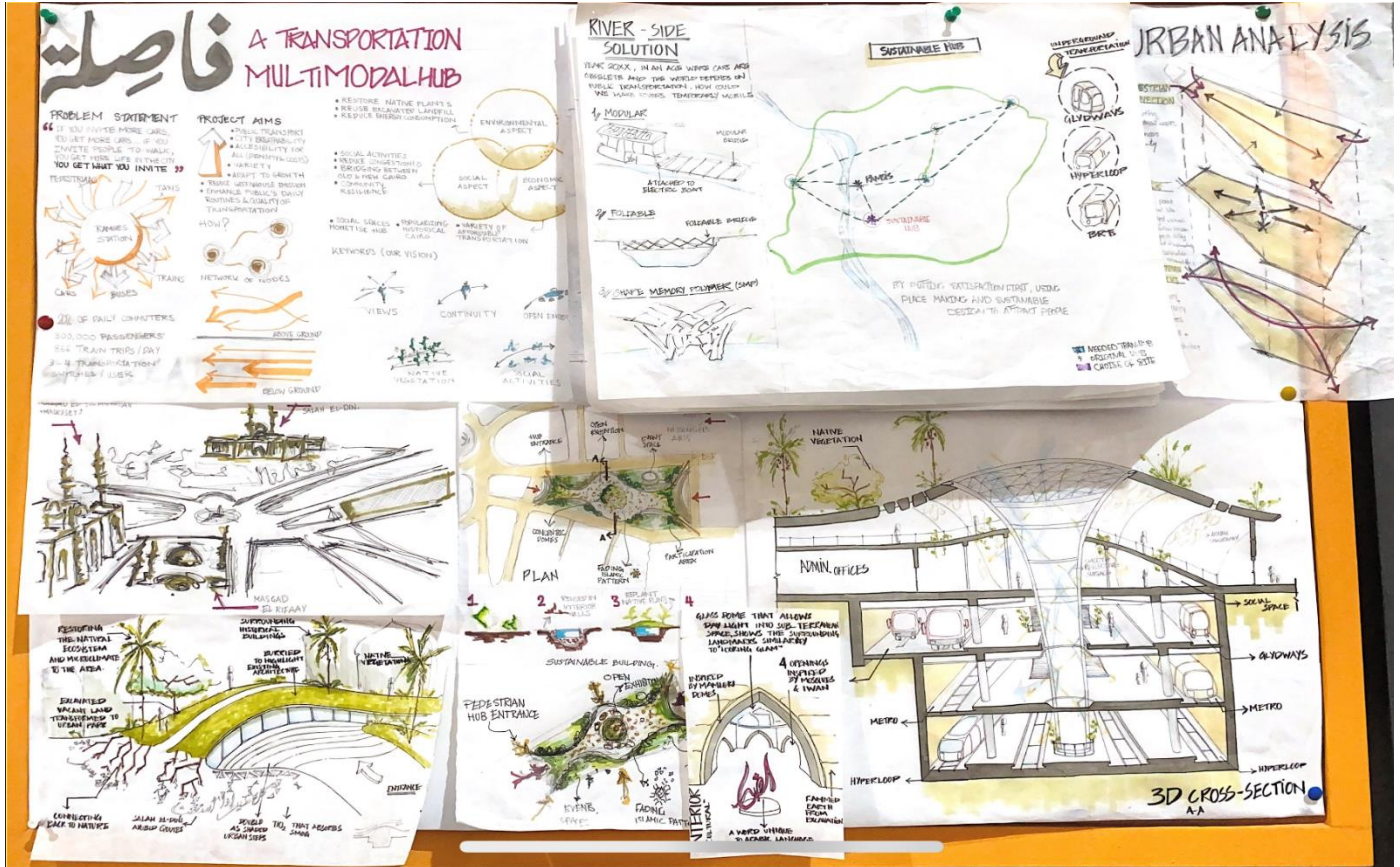
- Omar Mohamed
- Shadi Mohamed
- Ahmed Ashraf
- Mohamed Hesham

Brief description:

The site selected for the project is located in a densely populated historic district of Cairo, namely El-Khalifa District. The objective is to promote the shift from carbon intense modes of transportation to more sustainable solutions in order to both help protect the environment and preserve valuable architectural heritage. The project creates a pedestrian-friendly area prohibited to automobile traffic with the introduction of a tram line and lanes for bikes, electric

scooters and toktoks. Other proposed solutions include the introduction of technologies to generate electricity from the movement of people. The project is envisioned to create a better living environments for residents and contribute to better experiences for tourists.

فاصلة (Comma)



Third Place Winner

Proposal Title: فاصلة (Comma)

School: Arab Academy for Science and Technology Alexandria

Students (Team A):

- Salma Hossam
- Salma Adel
- Mira El-Menchawy
- Rowan Adel

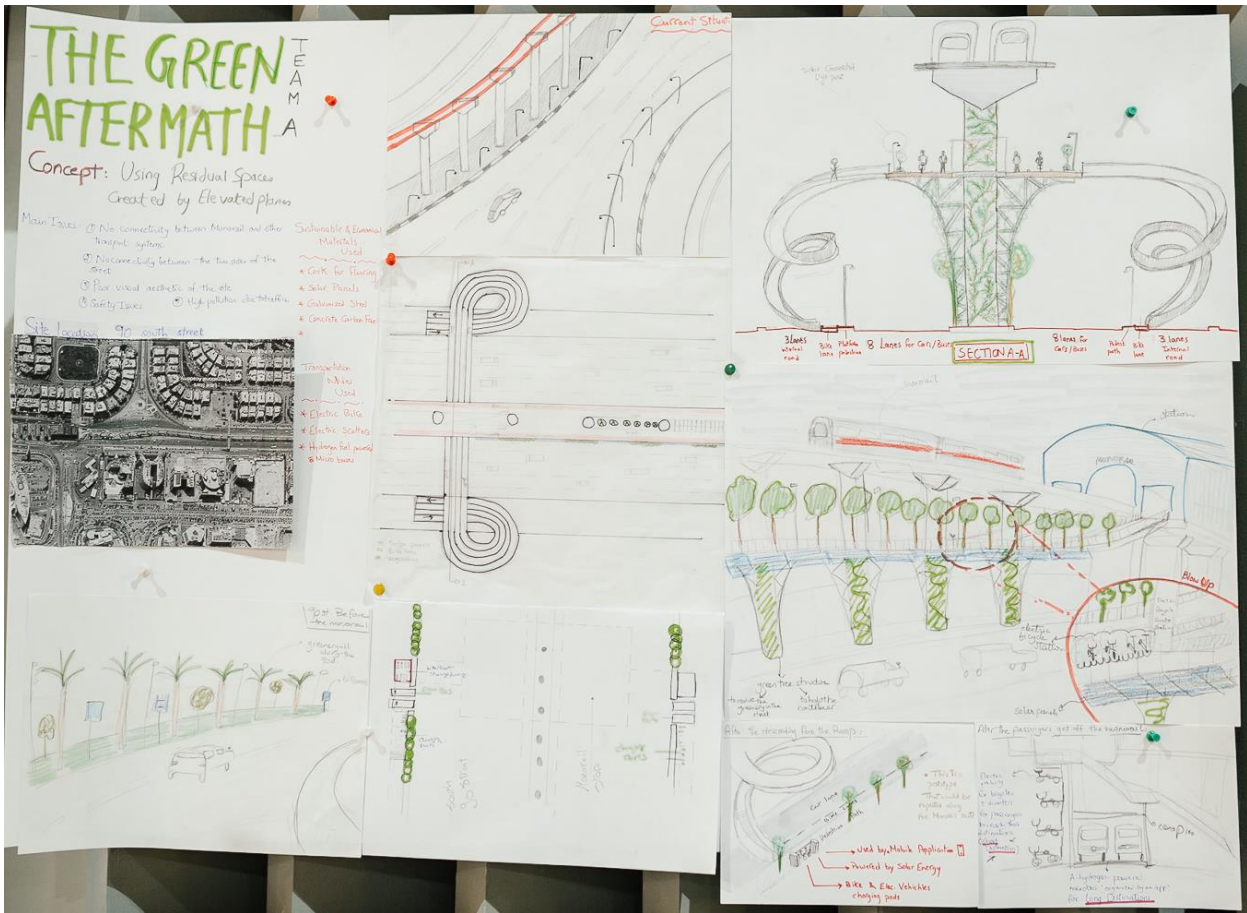
Brief description:

A Transportation Multimodal Hub. Our transportation system aims to reconnect Cairo, east through west and north through south, our starting point being Ramses station as it is the main node we as citizens of another city end up at when we reach Cairo. A transportation network was constructed using a mesh of different systems to create several nodes that would act as our transportation hubs. Featuring transportation modes ranging through all economical classes, we aimed to hit all the demographics to make public transportation available to everyone.

We designed these nodes through the following analysis; Firstly, analysing the most visited and congested areas in Cairo. On a city scale, we worked how could we add more lines to connect the Capital to the rest of Egypt, so we had to search the nodes where they meet. Zooming more, connecting Cairo together, we started searching for the most used bus stops, as well as adding more metro lines and stations to cover and connect Cairo all together.

Choice of site: We've designed a prototype in the area of Old Cairo, this prototype could be differently themed according to the site and context. We tried to be as seamless as possible to respect our context & our rich history.

The students showcased proposals with great connection on sustainable transport solutions in Cairo that are essential for creating a more environmentally friendly, efficient, and liveable urban environment. These proposals are focused on reducing the negative impacts of transportation, such as air pollution, traffic congestion, and greenhouse gas emissions in the country. Incorporating these sustainable transport solutions not only reduces the environmental impact of urban mobility but also enhances the overall quality of life for the residents of Cairo by improving air quality, reducing noise pollution, and creating more vibrant, walkable communities in the future.



The Green Aftermath

Proposal Title: The Green Aftermath

School: Arab Academy for Science and Technology Cairo

Students (Team A):

- Karim Ahmed
- Nada Amr
- Noor El Gendy
- Omar Tantawy

Brief description:

A sustainable solution that uses the residual spaces created by the elevated planes present in Cairo. The proposed project attempts to create a connection for pedestrians between the two sides of the 90th Street in New Cairo as well as a connection between the new monorail line and other modes of transportation.



Island Unplugged

Proposal Title: Island Unplugged

School: Arab Academy for Science and Technology Smart Village

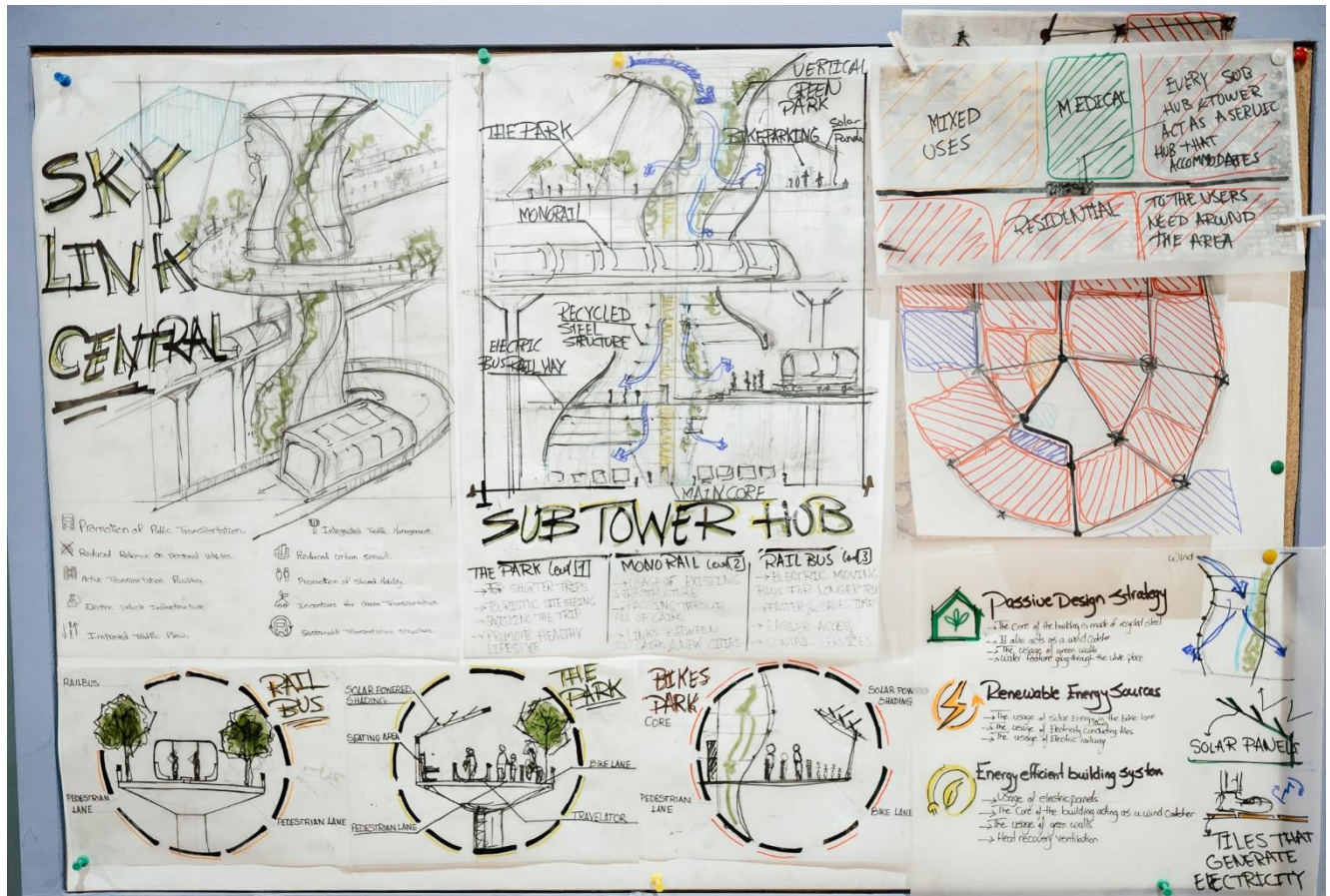
Students (Team A):

- Mariam Nagy Salah
- Sama Wael Youssef
- Rahf Ibrahim Mostafa
- Farida Ahmad Gamaledin

Brief description:

The Island Unplugged Project envisions the transformation of Zamalek Island into a pedestrian-friendly and sustainable urban environment. This initiative aims to promote walkability, reduce

traffic congestion, improve air quality, and enhance the quality of life for residents and visitors alike.



SkyLink Central

Proposal Title: SkyLink Central

School: Arab Academy for Science and Technology Smart Village

Students (Team A):

- Lina Rafik Shafik
- Roqia Ihab Emam
- Rawan Waleed Elnemr
- Jana Ashraf Mohamed Sami

Brief description:

The SkyLink Central project aims to create a network of innovative vertical mobility hubs that connect urban areas with main monorail stations. These towers will serve as efficient, eco-friendly transportation hubs, enhancing urban mobility, reducing congestion, and promoting sustainability.

