

RETRIEVE THE WATERFRONT ALEXANDRIA:



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THE FEA	TURELESS	THE E	XCLUSIVE	THE VU	ILNERABLE
Today Corniche Iden	 1- No clear public functions identified by the municipality, which induced a group of informal profiteers to colonize the waterfront. 2- Massive edge of accropode concrete blocks forming a heavy 	Today	Identity Privatized: 1- Majority of this section is dedicated to private social clubs for recreation. 2- No real presence of public activities – No public accessibility to the waterfront.	Today	 tity Vulnerable: 1- Most subjected to damage caused by storms. 2- Low street level almost equal to sea level at some parts.
Condition <u>The Road</u> roblems 7	barrier from the sea. Dominating the scene: 1– Extensive stretch of asphalt, (35 ~ 70m) wide, (5 lanes/each direction). 2– Excite cars to approach Maximum speed, desperately controlled by speed radars. 3– Impossible surface crossing by pedestrians, most reported for death accidents.	Condition The Road	 Most Congested: As a median connector between the east and west of the city, the congestion in this part of the road is leading to inefficient mobility across the city. 2- Continual informal stopping of Microbuses to (pick-up & drop-off) passengers is definitely increasing the congestion, in addition to road serpentinity which is not really contributing to define clear paths for public mobility. 	Condition <u>The Road</u> Problems 7	Chaotic: 1– The presence of most of the city beaches in that part gurantee strong pedestrian flows back and forth to cross the road. 2– Few pedestrian tunnels leaves the inhabitants to interrupt the road that causes congestion.
& <u>The City</u>	 Consistent structure: 1- Repetitive system of aligned "Nodes" is the genesis Cells of the urban built structre, these nodes are represented in (Tram stops + Roundabouts + Ex-casinos). 2- "Individuality" of local neighborhoods was reflected vertically across the waterfrom While "Unity" of the system of nodes was connected horizontally along the city. 		 3- Microbuses enter the city towards south where are located intercharge stops. Opportunity: 1- Underused infrastructure of tramlines with isolated profile of rails not letting any other transport modes to run along this important artery across the city. 2- Congestion of Abo-Kir road along this section of the city. 3- Rich network of North/South connectors. I + Strong presence of hospitals, whilst the single-lane streets leaves the ambulance cars stuck. 	& Needs <u>The City</u>	Dense: 1– The most populated part that induce great pedestrian flows.
<u>Corniche Ident</u> Strategy	 tity Regenerate: 1- New destinations to be promoted for relevant public functions. 2- Mitigate the edge formed by the cordon of concrete blocks to bring people into new experiences at the water level. 	<u>Corniche I</u> Strategy		<u>Corniche Identit</u> Strategy	Y Resilience: 1- Defend the littoral by New Sea wall
<u>The Road</u> Goals	Control: 1– As an urban road, rather than a highway. 2– Adopt strategies of traffic control. 3– Emphasize pedestrian permeability across the road.	<u>The Road</u> Goals &	Relief: 1- Reduce traffic volumes by freeing the road from the congestion loads caused by microbuses is a prospective to better connect the city and reduce travelling hours.	<u>The Road</u> Goals	Separate the road from the non interrupted pedestrian flows.
rgets <u>The City</u>	Extrude: 1- By stretching the aligned system of nodes towards the waterfront.	Targets <u>The City</u>	Embed: 1– Exploit the wide canyon of the tramway artery. 2– Reinforce capacity & frequency of public mobility along the tramway can give more room to absorb the traffic volumes causing congestion in both the Cornice and Abo–Kir roads. 3– Switch the flows of microbuses from the waterfront to the tramway.	Targets <u>The City</u>	Liberate: 1- Giving the inhabitants the emphasis to pedestrian accessibility.
Corniche Identity Define:		Corniche Identity Rescue:		Corniche Identity Stretch:	
Solution	 Define: 1- Emphasize the existing sport activities along this part of the waterfront by generating new sport node as a seed to promote the sportive identity. 2- New boardwalk to be constructed on the lower level of the existing accropode 	Solution	Identify Rescue: Image: Provide the second structure of the second str	Solution	1 New submerged breakwater to mitigate the destructive power of tidal waves
8	 blocks to ease the accessibility of people to water. 3- New destinations to be aligned with the city grid. 4- Possible future extension of public piers for water transit. 	Actions & Guidelines	Switch: 1– Reduce traffic volumes across the corniche road by switching the routes of transport vehicles "Microbuses" inside the city at a walkable distance to the waterfront.	Actions & <u>The Road</u>	 3- A new entirely pedestrian elevated surface to be extended from the city side to the beach side founded on top of the new wall. Reconfigure: 1- The road level to be supressed below the new pedestrian carpet will help to reduce congestion caused by pedestrian-vehicular conflict.
	Reconfigure: 1- Road diet, to reduce the inflated profile of asphalt road. 2- Exploit the acquired width for new BRT lanes.	<u>The City</u>	Integrate: 1– Transform the tramways from isolated rails to surface rails as a new integrated mobility corridor allowing buses & microbuses to run in line with the trams, foreseen to multiply the capacity of	<u>The City</u>	 2- Tunnel solution to be applied at the junction of 45th street with corniche road. Access: 1- Emphasize the existing walkability routes.
<u>The City</u>	 3- Allow pedestrian crossing aligned to the main streets. Reflect: 1- To offer portions of the waterfront that represents the needs of the city. as on the western part of this section is located the biggest academic cluster in the city without any representation of relevant functions on the waterfront. 		 public transport along that route. 2- Integrating new stops of Microbuses with the existing tram stops. 3- Add new stops for Microbuses. 		 2- The new pedestrian elevated surface is foreseen to liberate the flows between the city and the waterfront. 3- Five main access points to the new pedestrian surface correlated to the existing open spaces and beaches gates.
	 2- Exploit the rapid fluxes of athletes from and to Alexandria sporting club as a potential to create new public sports arena entitled to promote and enrich the sportive identity across that part of the corniche. 		4– The high presence of schools of fine arts and palaces, and the relative tranquility of that area is an opportunity to emphasize and thrive the proposed "Waterfront Art Center"		4- Assigned path for the public transport vehicles "Microbuses" to serve at a walkable distance from the waterfront.
					5- Assigned stops for the "Microbuses" correlated with the walkable routes to the new pedestrian surface.

FINAL PROJECT BOARD: Strategies & Guidelines Framework Towards a Democratic Corniche