

RUWAIS UN-PLANNED

A Public Health & Territorial Intervention

A Case Study by Faris Abuzeid



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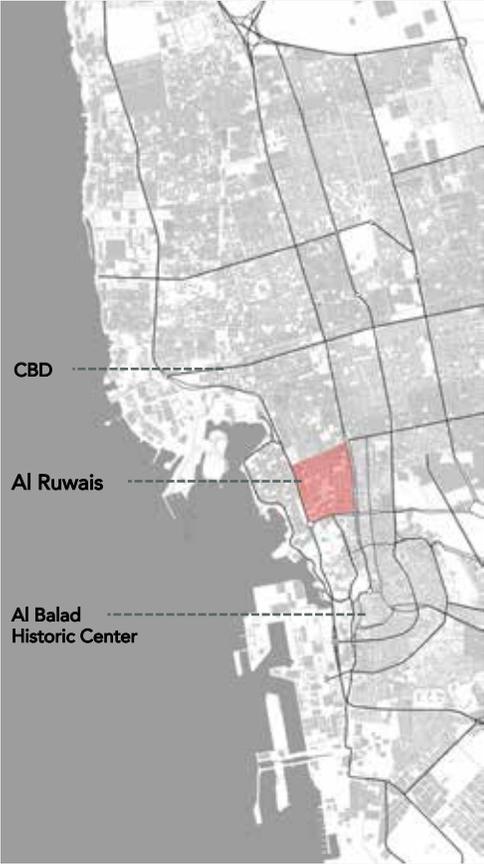
شارع قصر نفيس
Nafees Street (28)



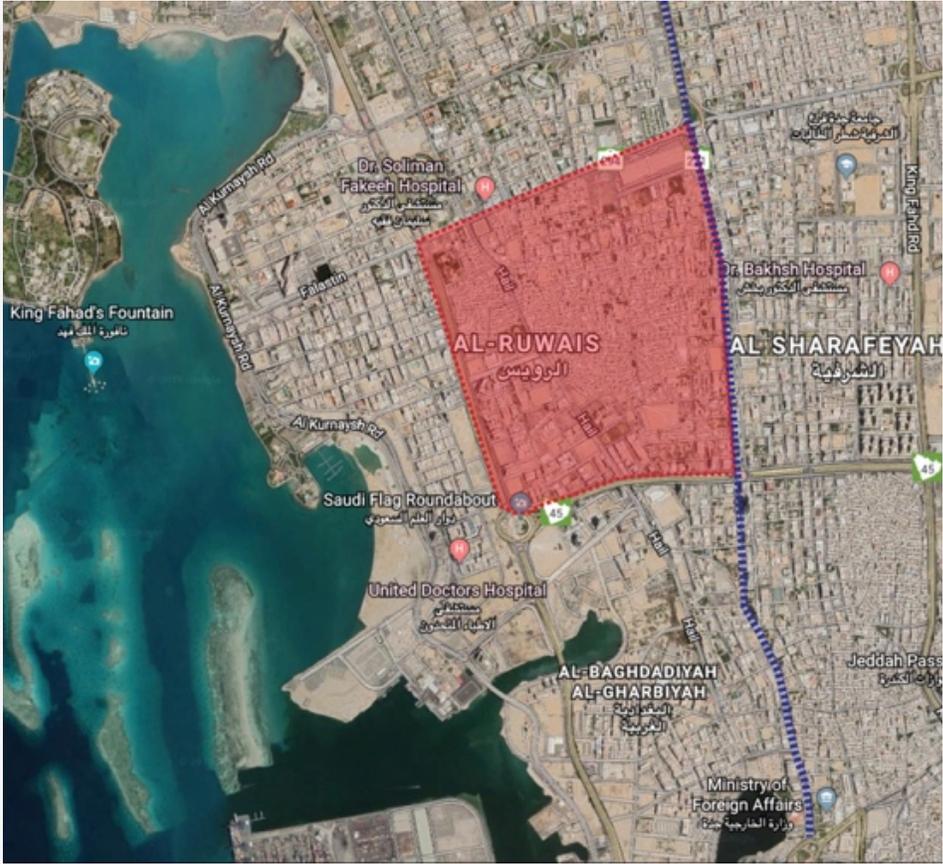
GEOGRAPHICAL SNAPSHOT



• KSA/Jeddah Location



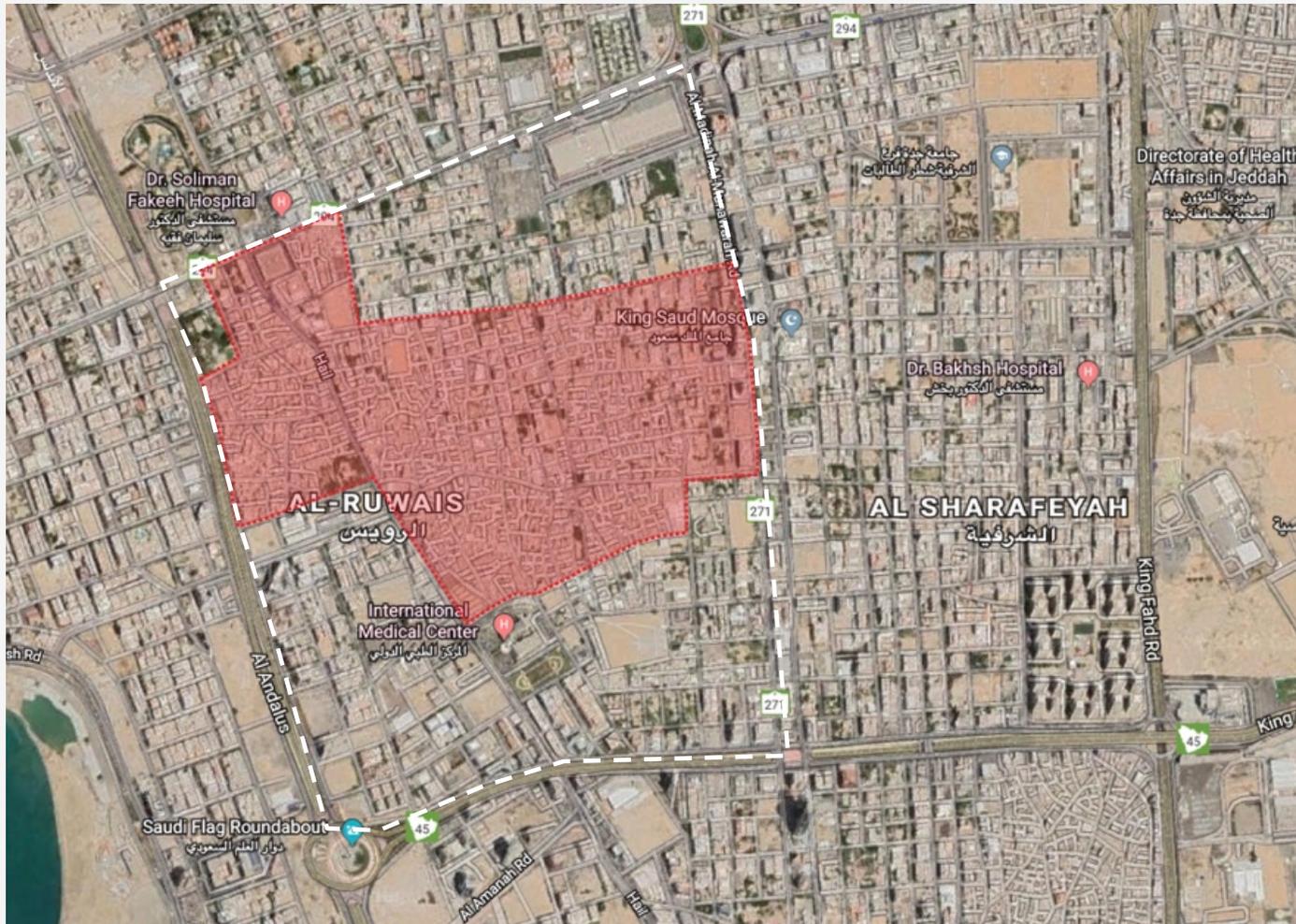
• Al Ruwais City Level



• Neighborhood Level

NEIGHBORHOOD SNAPSHOT

■ Informal ■ Developed



Total Area
40% Informal Condition



Population
58.3% Living in Informal Area



Population Exposed
73% of neighborhood exposed to infection

An aerial photograph of a city, likely Dubai, showing a dense residential area in the foreground with many small, light-colored buildings and flat roofs. In the background, a modern skyline with several tall skyscrapers is visible under a clear blue sky with some light clouds. A white rectangular frame is superimposed over the middle of the image, containing the text 'THE URBAN CASE'.

THE URBAN CASE

URBAN INFRASTRUCTURE ISSUES

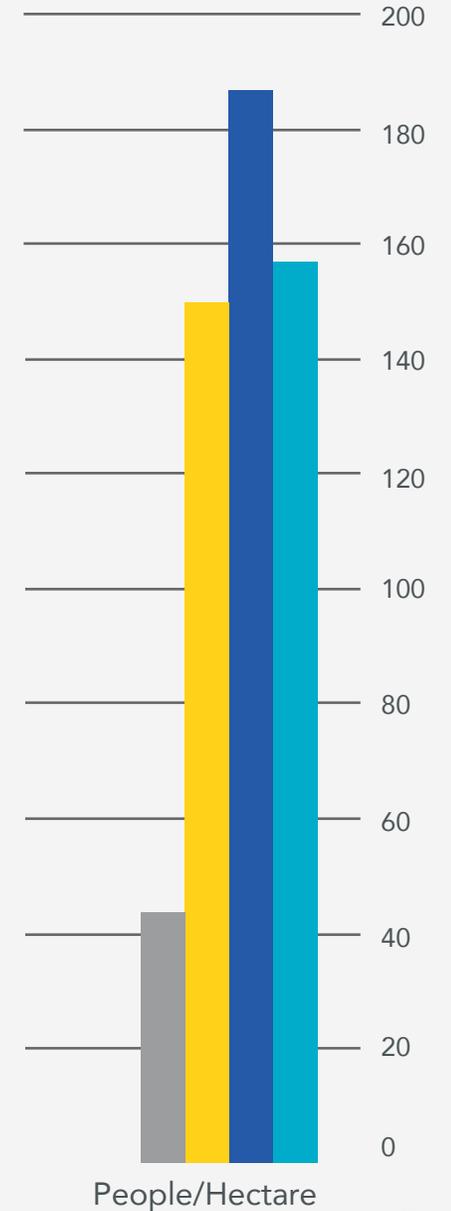


- High density population with poor housing standards for inhabitants



- Lack public works and narrowing street connections

■ United Nations Average ■ Informal ■ Jeddah Average
■ Developed



PUBIC HEALTH ISSUES



Dengue Fever



Typhoid



Cholera

Proliferation of infectious diseases is one of the main issues affecting inhabitants of these neighborhoods



- Unmanaged sanitation and waste facility services



- Lack of community awareness on proper sanitation practices

PREVIOUS INTERVENTIONS



- Proposed boundaries for redevelopment area of Ruwais by JDURC (JDURC, 2018)



- Rendering of JDURC new urban plan (JDURC, 2018)



COMMUNITY & NEIGHBORHOOD

COMMUNITY STORIES



THE NEIGHBORHOOD CHARACTERISTICS



- Example of commercial community at As-Sayyid Street



- Example of public space off As Sayyid Street



ACTION PLAN

ACTION PLAN



1. PUBLIC AWARENESS CAMPAIGN



- Tailored, Multi-lingual awareness campaign on the importance of maintaining overall public health in the neighborhood.
- Environmentally friendly techniques will be used to repel flying insects that further spread diseases to other areas.



- Malaria Awareness Week using Citronella Ink



- Anti-Fly Sphere

2. WASTE MANAGEMENT & SANITATION CONTROL



- Promote community involvement and advancement of waste collection operations.
- Strategically locate bins across the neighborhood with information from the community on unserved areas.



- Waste Collection Centers
- Government incentivized programs

3. ECONOMICAL INFRASTRUCTURE INTERVENTION



- Create temporary connections between areas.



- Using economical grade gravel as acceptable public works
- Improve the overall quality and feel of the neighborhood



A PUBLIC HEALTH AWARENESS & COMMUNITY PLATFORM

A COMMUNITY PLATFORM



- An opportunity to open up dialogue between residents of the community

Goals:

- Win over, empower and unite the neighborhood
- Give inhabitants the necessary tools to help manage disease outbreaks
- Transform the area into an urban core for the city.
- Bring necessary economic development to the neighbourhood and its community.

OPPORTUNITY FOR CITY WIDE IMPLEMENTATION



- Over 53 unplanned neighborhoods spread across Jeddah
- Al Ruwais is set to be ground zero for our health awareness platform
- This movement is expected to promote several goals of the UN's 2030 Agenda



- Sustainable action opportunities using the organic nature of the neighbourhood



NEIGHBORHOOD EXPERIENCE

منطقة
ش ١٣ غ ٥
N13 W5
sector

السلي (٣٢)
Yazeed Al-As



