

URBAN PLANNING & INFRASTRUCTURE IN MIGRATION CONTEXTS PROGRAMME

CONNECTIVE CITIES

JORDAN

03 OCTOBER 2023



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra



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IRBID SPATIAL PROFILE VISION & SCENARIO BUILDING PRIORITISATION OF DEVELOPMENT PROJECTS



ABOUT UPIMC

IRBID SPATIAL PROFILE VISION & SCENARIO BUILDING

PRIORITISATION OF DEVELOPMENT PROJECTS

IRBID, JORDAN

ABOUT UPIMC PROGRAMME



PROGRAMME OBJECTIVE



- Improve access to reliable services and socio-economic opportunities for refugees and their hosting communities in urban contexts.
- Support municipalities with a long-term strategic approach in connecting migration affected neighbourhoods with access to public services through bankable infrastructure investments.

IRBID, JORDAN

PROGRAMME COMPONENTS & OUTCOMES



THE PROCESS

Global, national, and city strategies

Evidence based city context analysis

Recommendations and areas for visioning



Participatory approach and close collaboration with communities, local governments, technical experts on the ground

IRBID, JORDAN

WHAT IS URBAN PROFILING

COMPONENT #1



Spatial Analytics & Urban Profiling

Multi-Sectoral Spatial Analysis

Profile Preparation & Pilot Area Identification Anassessmenttoolthatspatialisesthekeychallenges and opportunities of the city and offers guidance for the current and future planning of the city, aligned to a strategy for sustainable development.

An urban profile is a strategic thinking framework that will help guide planning efforts for cities in a sustainable direction

The dimension of hosting refugees is a key lens through which this comprehensive spatial analysis is carried out, to consider that in a protracted context, this has additional complex and fundamental impacts upon the cities' development needs, capacity and priorities.



APPROACH

MULTI SCALAR



SPATIAL

PROFILE

PRIORITISATION OF DEVELOPMENT PROJECTS



CONTENT

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National and International Setting Demographics and Socio-Economic Background Refugees in Jordan Cross-Border Displacement Dynamics Governance & Administration System National Planning Context Land & Property Rights Municipal Finance Major Infrastructure Initiatives Affordable Housing Climate Risk Context

NATIONAL & INTERNATIONAL SETTING

- Jordan is one of the 50 most urbanized countries in the world.
- •90.3% of Jordan's population is living in urban areas.
- The country is characterized by **rapid Urbanisation and urban growth**.
- Jordan's total built-up area has doubled, over the last two decades.



REFUGEES IN JORDAN

- Jordan is the **second largest refugee host per capita worldwide** with 89 refugees per 1,000 inhabitants.
- Jordan has been a safe haven to approximately **4 million refugees**.
- •There are 16 refugee camps in Jordan, 13 for Palestinians and 3 for Syrians.
- •Only 20% of the refugee population reside in camps, and the majority live in urban areas
- Refugees flow from camps to urban areas had an adverse impact on the capacity of infrastructure and public facilities. It has also increased strain on natural resources, and in particular water.
- The housing demands increased, specially for affordable housing.



REGIONAL LEVEL

CONTENT

T Governorate Location & Connectivity

Regional Land Administration and Institutional Context

Regional Planning Context

- Demographics
- Refugees
- Regional Infrastructural Access
- Land Use
- Housing
- Local Economic Activity

DEMOGRAPHICS

- **Irbid Governorate** is the **second most populated** governorate in Jordan after Amman.
- Most of the governorate's population resides within GIM.
- Irbid Governorate has the **highest** population density in Jordan.



REFUGEES

- As of 2015, the total number of Palestinians, Iraqis and Syrians in the governorate of Irbid is **792,924.**
- The governorate has one of the highest shares of Syrian refugees, whereby more than 24% of all urban refugees registered with UNHCR in Jordan are living in Irbid.
- There are 2 Palestinian refugee camps in the governorate, which are managed by UNRWA, additionally, one of which is operated by UNRWA & UNHCR (for Palestinian refugees from Syria).





CONTENT

Administration & Governance Context Population Density & Distribution Migration Context Urban Growth Land Use Local Economic Activity Natural Hazards Transport and Mobility Planned Infrastructure Investments Access to Basic Services Access to Public Facilities Municipal Financial Context Conclusion

ACCESS TO BASIC SERVICES

Overall, GIM residential areas are well connected to basic service networks, including water, electricity, and telecommunication.

Electricity and Energy

- Around 99% of the population are connected to the electricity network
- **Challenges:** High pressure on electrical transformers during the summer; Frequent electricity failures; Lack of alternative resources of electrical energy.

Water

- Around 99% of the population are served by water network
- The water loss in GIM is considered high and accounts for 37.1%.
- **Challenges:** Old water networks; Serving buildings in sprawl areas, (increasing water losses); Water does not reach homes periodically.

Sewerage and Wastewater

• 80% of GIM's total population is connected to a sewerage network.

Storm-Water Management

• Not all areas are served with storm-water drainage network. In general, storm-water drainage is considered a challenge in GIM.



ACCESS TO PUBLIC FACILITIES

RECREATIONAL FACILITIES



48% of the population have access to recreational facilities within 15 minute walking distance



79% of the population have access to recreational facilities within 30 minute walking distance



CONCLUSION

- Based on 2015 census, the refugee concentration is mainly within the **city central area**, **Huwwara District**, **Al Sarih District**, **and the Huson camp area**.
- Five districts with the highest refugee presence were selected and evaluated in cooperation with GIM's team members to select three.
- The selected districts include neighbourhoods of different characteristics/unique typologies.

District	Al- Rawda	Al- Manara	Al- Sarih	Huwara	Al- Naser
Refugee Presence	5	4	2	5	3
Needs access to Infrastructure networks	3	0	3	3	3
Needs access to public transportation	0	2	5	5	2
Needs access to public facilities	1	3	5	4	2
Drainage Storm water	5	0	3	3	5
Needs roads maintenance	4	3	4	1	4
Needs roads construction	0	0	4	5	0
Total	18	12	26	26	19

Evaluation Matrix with GIM





"If we wish to rebuild our cities, we must first rebuild our neighbourhoods" Harvey Milk

- District and Neighbourhood Contexts
- Access to Basic Services
- Access to Public Transport
- Access to Public Facilities & Commercial Activities
- Challenges and Interventions Needed

THE SELECTED NEIGHBOURHOOD

Al Afrah Neighbourhood



Typology: a neighbourhood that lacks access to public facilities and public transportation, in addition needs infrastructure network and road maintenance.

ACCESS TO THE SPATIAL PROFILES

AVAILABLE TO DOWNLOAD

https://unhabitat.org/irbid-spatial-profile-jordan





The Irbid Spatial Profile

AVAILABLE TO DOWNLOAD

https://unhabitat.org/amman-spatial-profile-jordan





The Amman Spatial Profile

ABOUT UPIMC IRBID SPATIAL PROFILE

VISION & SCENARIO BUILDING

PRIORITISATION OF DEVELOPMENT PROJECTS

UNCHABITAT FOR A BETTER URBAN FUTURE OVISION & SCENARIO BUILDING

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Vision workshop with the Local Community

Scenario Building

Validation with the Local Community and Key Stakeholders

Prioritized Interventions

COMPONENT #2



Develop Strategic Vision & Scenario Building

Outcome: Agreement reached on a detailed strategic vision for urban development in selected neighbourhoods based on a scenario building process

Output: A developed vision for the pilot area

Building upon the analytical work and the recommendations for selection of pilot areas under component 1, this component will develop strategic visioning and scenario building for urban development in selected pilot neighbourhoods.

It is based on highly participatory and inclusionary approach, involving critical institutional stakeholders together with representatives of civil society. The scenario building will be supported by an action plan outlining what could be done where and when.

This will also unlock the next step for the clear identification of strategic infrastructure interventions and allow for technical assessment of the intervention prioritization and its definition.

MAPPING CHALLENGES AND NEEDS WITH THE LOCAL COMMUNITY

20/03/2022

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Participants at the Vision Formulation Workshop

Accessibility and Mobility

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Dangerous street crossings

Overloaded water network

Poor access to public transport means



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Basic Infrastructure Services Poor storm-water drainage
Road infrastructure is deteriorated, no pedestrian crossings

• Lack of periodic maintenance for the manholes,

some manholes are kept open

- Weak provision of water
- Weak waste management and collection
- The neighbourhood is poorly lit



- Lack of a comprehensive health care facility
- Lack of diverse commercial activities
- Lack of of green, public, and open spaces

Schools are located relatively far and in a bad condition



Fig. 10: Challenges identified by the Al Afrah Residents

Public Facilities **NEEDS**



- Extend a public transport route into the neighbourhood and a fixed bus stop
- Install pedestrian traffic lights



ن Upgrade water and sewerage networks
 Rehabilitate of the road infrastructure and
 أ المالية
 adding more lighting poles

Basic Infrastructure Services

Public

Facilities

 Conduct periodic maintenance for the stormwater drainage system



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Add waste containers and assign more janitors



Establish a comprehensive health care facility Provide a central commercial area, a nursery, a vocational training centre, and a centre specialized for people with disabilities.



• Enhance the quality of the existing park and create new park spaces.



Fig. 11: Challenges identified by the Al Afrah Residents

VISION FORMULATION WITH THE LOCAL COMMUNITY

20/03/2022

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Participants at the Vision Formulation Workshop

Vision Key Words Word Cloud

Frequency of Vision Key Words proposed by Al Afrah residents



A Sustainable and Inclusive Neighbourhood that Empowers its Community





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City of Irbid Vision 2030: A modern city that is knowledgeable, sustainable, and well-planned, embracing its heritage and attracting investments as a regional hub for education, economic prosperity, and natural and human resources

WHY SCENARIO BUILDING?

• Scenario building **provides an opportunity to make assumptions about the future** and how the built environment may change over time.

• It is a way to explore, create, and test possible future conditions, both desirable and undesirable, and assess the probability and impact of the different scenarios on the area in accordance with past and present trends.

• It can **guide long-term planning**, including policies, strategies, and plans, to help align the desired and likely future circumstances, and outline the important milestones along the way.

• These scenarios can enable policy and decision makers to grasp the long-term requirements for sustained advantages and growth, and to mitigate possible complications by developing adaptive strategies.





- There is continued political stability in Jordan.
- There is continued support from the Greater Amman Municipality to work towards durable solutions for host and refugee communities in Amman City and Al Hashmi Al Janoubi Neighbourhood.

VARIABLES

A variable is a development or an event that has the potential to cause a change in a humanitarian situation. An assumption is based on the direction that a variable is most likely to proceed (e.g. increases or decreases in specific conditions).

Selected Variables

- Population Growth
- Urban Footprint
- Needed Projects
- Climate Risk & Natural Hazards
- Local Economic Development



• A questionnaire was developed using Kobo Toolbox to gather and manage data in order to build the scenarios.

• The fieldwork for Al Afrah Neighbourhood entailed **collecting data and assessing the current state of the neighbourhood** in terms of building density, building conditions, number of floors built...etc.

• Data collected was used to make **maximum capacity calculations** and to develop the scenarios.

Please add the code to the building	How many floors are below street level?				
What is the current use of the building?	Rate the current condition of the building				
O Residential	Very good				
O Commercial	O Good				
O Mixed Use	O Poor				
O Industrial	O Fair				
O Park	 Dangerous 				
O Mosque					
O School	Is there any economic activity at the building?				
O Health Care Facility	O Yes				
O Other	O No				
How many are the total floors of the building?	Please take a picture of the economic activity				
0 1	Click here to upload file. (< 10MB)				
0 2					
O 3	Any notes				
0 4					
0 5					
0.6					



Pictures from Fieldwork



Building Conditions

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• Through field investigation, buildings were categorised according to their condition into 4 main categories; these include; **good, fair, substandard, and critical.**









2) Urban Footprint

Outcome #1: Infill and Vertical Densification	
Outcome #2: Full Infill	
Outcome#3:FullVerticalDensification	



3) Needed Projects

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Needed Project #1: Improvements to the Infrastructure Networks

Water Service

• A capacity versus demand assessment analysis was conducted for the existing water network, by factoring in the pipes' diameter and length, as well as the number of people in the neighbourhood currently being served (2022).

• In the future and according to the maximum capacity of the neighbourhood, **the load will multiply by 1.5**in comparison to the existing load.

• The pipe network in the north-western part of the neighbourhood has been recently upgraded under the JAICA project.



Fig. 14: The current load on the existing water network



This indicates the significant need to upgrade the existing water network as a proactive measure to accommodate the forecasted capacity of the neighbourhood by year 2037.

Low load

.oad increase

x1.5 the existing

load

3) Needed Projects

Needed Project #1: Improvements to the Infrastructure Networks

Sewerage Service The capacity/demand assessment tool measured the load on the existing sewerage

network and revealed that there is **a relatively low** load at the neighbourhood level.

In the future and according to the maximum capacity of the neighbourhood, the load will multiply by 1.5 in comparison to the existing load.







This indicates the need to provide periodic maintenance to the manholes. As well, upgrading the existing sewerage network in the future to accommodate the forecasted increase in population as a proactive measure.

3) Needed Projects

Needed Project #1: Improvements to the Infrastructure Networks



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Electricity Service

• Analysis revealed that the access to the electricity is currently stable in general. However, there are some threats related to the location of the electrical posts.

The electrical grid should be upgraded in advance according to the increase in population. And, improvements to the spatial distribution of the electrical posts should be made.



Solid Waste Management

• The field investigation revealed that there are public and private waste containers that are currently serving the residents. However, the solid waste management has been highlighted as a challenge, specifically regarding the unequal distribution of janitors and frequency of the waste collection service.

Improving the efficiency of solid waste collection and it's general management.





3) Needed Projects

Needed Project #2: Improved access to the Public Facilities and Commercial Activities



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Education Facilities

There are **2 public schools** located within the neighbourhood.

• Based on the analysis, 28.1% of the population have access to public schools within a 5-minute walking distance and 100% within a 15-minute walking distance.

• There are currently 3,849 people between the ages of 6 to 17 years old (considered as the student population) in the neighbourhood, while only 20% are enrolled in the public schools. the rest either go to private schools or nearby public schools or have dropped out.

• The maximum expected increase of the student population for the target year is **an** additional 1,900 students.



To meet the needs of the additional forecasted student population, there is a need to **expand the existing, ministry owned, public school,** both vertically and horizontally and to **construct an additional school.**



3) Needed Projects

Needed Project #2: Improved access to the Public Facilities and Commercial Activities

STORE

40

Commercial Facilities

• The current **commercial facilities** serving the residents in the neighbourhood are **mainly concentrated along the AI-Sarih main street** that runs in from North to South in the middle of the neighbourhood, in addition to some services scattered sporadically in the neighbourhood.

!

Updating the existing land use plan of the neighbourhood whereby some **vacant residential land can be re-designated as mixed-use typology** in the north-western side, with **commercial functions on the ground floor**. In the south-eastern side, there are vacant commercial land that can be assumed to be occupied by 2037, which would thus fulfil the basic needs of residents in this area.





3) Needed Projects

Needed Project #2: Improved access to the Public Facilities and Commercial Activities

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Health Care Facilities

•	
centre.	

There is poor healthcare service available and the **lack of a 24-hour emergency**

• The two public comprehensive health centres in the surrounding northern and southern neighbourhoods are serving Al Afrah neighbourhood's residents and are accessible to 17.5% and 82.5% of the residents within a 15 and 30-minute walking distance respectively.

• According to the Ministry of Health standards, the **catchment area of a comprehensive health care centre is a 10km service radius**, which means in the case of Alafrah neighbourhood that it is spatially covered by the surrounding health centres.

the intervention that is needed is to **upgrade the existing comprehensive health centres** in the nearby neighbourhoods through **better services, including more staff and capacity building,** to serve the forecasted increase in population.



3) Needed Projects

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Needed Project #2: Improved access to the Public Facilities and Commercial Activities



• There are **no parks or recreational facilities in Al Afrah**, nor in the nearby neighbourhoods.

There is a need to create public spaces.



3) Needed Projects

Needed Project #3: Improved walkability and access to public transportation

Roads

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• The residents stressed that the overall existing road network is deteriorated, and that the neighbourhood is poorly lit.

• The **field investigation** included **an evaluation of the road infrastructure conditions**, which were rated as good, fair, substandard, or critical.



Most of the areas lacked sidewalks. whi

• Most of the areas lacked sidewalks, while the existing sidewalks in other areas were found to be in a very poor condition.

• This **negatively impacts the walkability of the neighbourhood,** which was extensively highlighted by the residents.

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Road infrastructure improvement is urgently needed in the neighbourhood. Additionally, **lighting poles** should be added to all the roads within the neighbourhood. **Sidewalk construction and rehabilitation** are needed to serve residents and people with disabilities, **promote walkability, and increase pedestrian safety** while commuting.





3) Needed Projects

Needed Project #3: Improved walkability and access to public transportation



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Public Transportation

There is only one official bus stop in Al Afrah neighbourhood.

• The residents explained that **the only bus route available** runs along Al Sarih street and sometimes **does not even cover its whole designated route**, making **public transport unreliable** due to unpredictable timings and the bus's insufficient route.

• The accessibility to the nearest bus stop is considered unsafe due to the lack of pedestrian infrastructure.

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There is a significant need to **extend the public transport route** to cover the whole neighbourhood and add three bus stops at the south-eastern and north-western parts of AI Afrah, and improve the existing one.

There is a significant need to **provide pedestrian traffic lights** on main streets and **improve the walkability means** in general in the neighbourhood.





3) Needed Projects

Outcome #1: Minimal Implementation of Planned Needed Projects	MINIMAL
Outcome #2: Partial Implementation of Needed Projects	PARTIAL
Outcome #3: Extensive Implementation of all Needed Projects	FULL







5) Local Economic Development

Outcome 1: Natural economic growth resulting in marginally improved access to opportunities +64% Total increase in Total increase in opportunities when opportunities for hosts and vacant mixed land use areas are utilized: +240 refugees **TOTAL:** 614 Job Opportunities +240 Outcome 2: Significant economic growth resulting in substantially improved access to opportunities for +124% both hosts and refugees opportunities for hosts and refugees SCHOOL

Total increase in opportunities when by 2037 development projects are implemented: +460

+6

+248

+56

+153

Total increase in

TOTAL: 837 opportunities in the neighbourhood





OPTIMAL SCENARIO

Variables	Population Growth	Urban Footprint	Needed Projects	Climate Risk & Natural Hazards	Local Economic Development
Outcome #1	Low Growth Scenario: the population growth rate will decrease to 1%.	Infill and Vertical Densification approach to accommodate the forecasted addition in population for year 2037	Minimal implementation of needed projects	No mitigation or adaptation measures	Natural Economic Growth
Outcome #2	Medium Growth Scenario: the population growth rate follows the estimated annual growth rate of Irbid Governorate, 2.3%.	Full infill approach to accommodate the forecasted addition in population for year 2037	Partial implementation of needed projects	Mitigation measures	Increase Business and livelihood opportunities are increased, providing additional jobs and local economic stimulus
Outcome #3	High Growth Scenario: the population growth rate will increase to 3.1%.	Full vertical densification approach to accommodate the forecasted addition in population for year 2037	Extensive implementation of all needed projects	Mitigation and adaptation measures	
Outcome #4	Large increase in population due to new unpredictable influx				
Outcome #5	Refugee Decline Population (-??%)				

PROBABILITY	Highly Unlikely	Unlikely	Likely	Highly Likely
IMPACT	Significant Deterioration	Slight Deterioration	Slight Improvement	Significant Improvement



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$1 \quad 2 \quad 3$

ABOUT UPIMC IRBID SPATIAL PROFILE

VISION & SCENARIO BUILDING

PRIORITISATION OF DEVELOPMENT PROJECTS

PRIORITISATION OF DEVELOPMENT PROJECTS

COMPONENT #3



Define Prioritised Infrastructure Investments & Linkages To Financing

Outcome: Bankable investment opportunities identified to support displaced and hosting communities with clear links to financing opportunities

Output: Infrastructure prioritisation

The urban profiles, scenarios and action plans set out the rationale and evidence to support decision makers to identify interventions for prioritised investment in municipal services that are both financially realistic and viable.

It will help to prioritise investments and create linkages to financing through preparing pre-feasibility assessments for the prioritised investments, including broad technical and financial feasibility and cost estimates, assessment of gender-specific benefits, community and sustainability impact assessment as well as potential economic additionalities, based on benchmarking of similar projects in the context.

THE DEVELOPMENT PROJECTS FOR THE SELECTED PILOT NEIGHBOURHOOD

Based on the comprehensive analytical study conducted during the Spatial Profiling phase and the several consultation sessions held throughout the Visioning and Scenario Building phase, the list of needed development projects at the pilot neighbourhood was identified and presented in the developed Optimal Scenario of the neighbourhood.

The Pilot Neighbourhood of Al Afrah in Irbid



These projects were assessed and scored based on a Priority Scoring Matrix to identify the development projects that must be implemented within the short-term action plan of the neighborhood's Optimal Scenario.

THE FINAL PRIORITY SCORING MATRIX

Evaluation Criteria			Infrastructure Projects		Public Services						
		Scoring Weight	Upgrading the Sewerage Network Project	Upgrading the Main and Local Road & Sidewalk Networks	Upgrading of Al Sarih Comprehensive Health Centre	Updating the Land- use Plan	Upgrading the Al-Sarih Elementary Boys' School	Public Parks Development	Constructing Public Transport Bus Stop	Constructing New Schools	
Tech	nical Priority		%5	5	5	2	5	2	5	2	0
Trans	Social Impact	Provision of Basic Needs	%20	1	0	1	4	1	1	0	1
örn		Inclusivity		5	5	5	0	5	5	5	5
nati		Safety		2	5	5	2	2	2	2	0
vel		Well Being	1	2	5	5	2	5	5	2	5
mpact	Environmental Impact Healthy Ecosyste	Natural Resource Consumption		5	0	0	5	0	0	5	0
		Climate Mitigation	- %20	5	5	2	5	2	2	0	2
		Climate Adaptation		5	5	2	5	2	5	0	2
		Healthy Ecosystem		5	5	2	5	2	5	5	2
	Economic Impact	Job Creation/ livelihood opportunities	%20	0	10	15	20	15	10	15	15
		Diversity		0	0	5	5	5	0	0	5
	Spatial Impact	% of Beneficaries	- %20	6	10	10	2	10	10	8	10
		Connectivity		0	5	0	5	0	0	5	5
		Butterfly Effect of development projects	/020	1	5	1	1	1	1	4	1
Alignment with the National Plans %5		%5	5	5	0	0	5	5	5	5	
Key Stakeholder Assessment (total participants of 10)		%5	5	4	2	2	1	4	3	1	
Loca partie	l Community Assessm cipants of 14)	ent (total	%5	3	5	5	3	3	4	3	0
Total	Total Scoring		%100	55	79*	62*	71*	61*	64*	64*	59



Optimal Scenario - Final Version after validation with key stkstakeholders

LEGEND

 Al Afrah Neighbourhood Boundary Service Buildings Existing buildings

Existing basic services

Proposed public space

Proposed Bus Stops

Health Centre Upgrading

Proposed land for new school

- Upgrading the Sewerage Network;
- 2. Upgrading the Main and Local Road & Sidewalk Networks;
- Upgrading of Al Sarih Comprehensive Health Centre; 3.
- 4. Updating the Land-use Plan;
- Upgrading the Al-Sarih Elementary Boys' School; 5.
- Public Parks Development; 6.
- **Constructing Public Transport Bus Stops** 7.
- Constructing Schools; 8.





LONG

ACTION PLAN (2023-2037)

SHORT-TERM PHASE 2023-2027

- Upgrading of Al Sarih Comprehensive Health Centre
- Constructing Public Transport Bus Stops
- Upgrading the Main Road and Sidewalk Networks in the Identified Areas at District Level
- Updating the Land-use Plan
- Upgrading the Al Sarih Elementary Boy's School
- Public Parks Development
- Upgrading the Sewerage Network in the Identified Areas
- Upgrading the Local Road and Sidewalk Networks in the Identified Areas at Neighbourhood Level

MID-TERM PHASE (2028-2032)

- Upgrading the Sewerage Network in the Remaining Areas
- Upgrading the Road and Sidewalk Network in the Remaining Areas at Neighbourhood Level
 - Constructing a New School

LONG-TERM PHASE (2033-2037)

Constructing Two New Schools

OPTIMAL SCENARIO OF AL AFRAH NEIGHBOURHOOD BY 2037

ACTION PLAN EXAMPLE







INVESTMENT CARDS EXAMPLE

TRANSFORMING THE CITY

COMPONENT #3



Define Prioritized Infrastructure Investments & Linkages To Financing

Impact assessment framework of proposed infrastructure





Investment Cards for Al Hashmi Al Janoubi Neighborhood-Including 5 projects

Community & Key stakeholders Consultations, Project Prioritization, Implementation Plan, Investment Cards



Investment Cards for Al Afrah Neighborhood - Including 5 projects



ACCESS TO THE VISION, SCENARIO BUILDING, AND ACTION PLAN REPORTS

AVAILABLE TO DOWNLOAD

https://unhabitat.org/vision-scenario-buildingand-action-plan-for-al-afrah-neighbourhood



Al Afrah Neighbourhood



AVAILABLE TO DOWNLOAD

https://unhabitat.org/vision-scenario-buildingand-action-plan-for-al-hashmi-al-janoubineighbourhood



Al AHashmi Al Janoubi Neighbourhood







Schweizerische Eidgenossensch Confédération suisse Confederazione Svizzera Confederaziun svizra



بلدية اربد الكبرى Greater Irbid Municipality