National Days of Urban Transport

Under the High Patronage of Her Excellency the Minister of Transport of Jordan

Amman, 26-28 October 2015
Ministry of Transport

Public Transport Master Plan /Case of Jerash

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Land Transport Regulatory Commission

Project Vision

To create a high quality, accessible, affordable and attractive Public Transport System across the Kingdom of Jordan.

Project Goals

But what are the goals behind the vision?

➢ **More attractive service to the passengers.**

➢ **Continuity for the minibus-operators.**

➢ **Absorption of todays illegal taxi and bus services.**

➢ **Chance of planning and development for the government.**

Main Tasks

How to get the goals:

➢ **Hierarchic Bus System (3 Levels)**

➢ **Quality standards**

➢ **Integrated ticketing / fare collection system**

➢ **Improvement of passengers facilities**

➢ **LTRC as a regulatory institution**

Status Quo

48 Bus-Lines

31 Domestic / Intra-Governorate

17 Inter-Governorate / Inter-City

151 Buses + 14 Service Taxi

85 Domestic (incl. 14 Service Taxi)

80 Inter-Governorate

Existing Situation

Criterion	Existing Situation	
Stops	On Demand	
Route	Defined	
Departure Times	Experience	
Transfer	Experience	
Vehicles	Mostly Medium	

Survey Activities

Combination of two kinds of survey:

1) **Counting of passengers boarding and unboarding (100 % of passengers).**

2) **Interviews about the complete use of transport system (as much as feasible).**
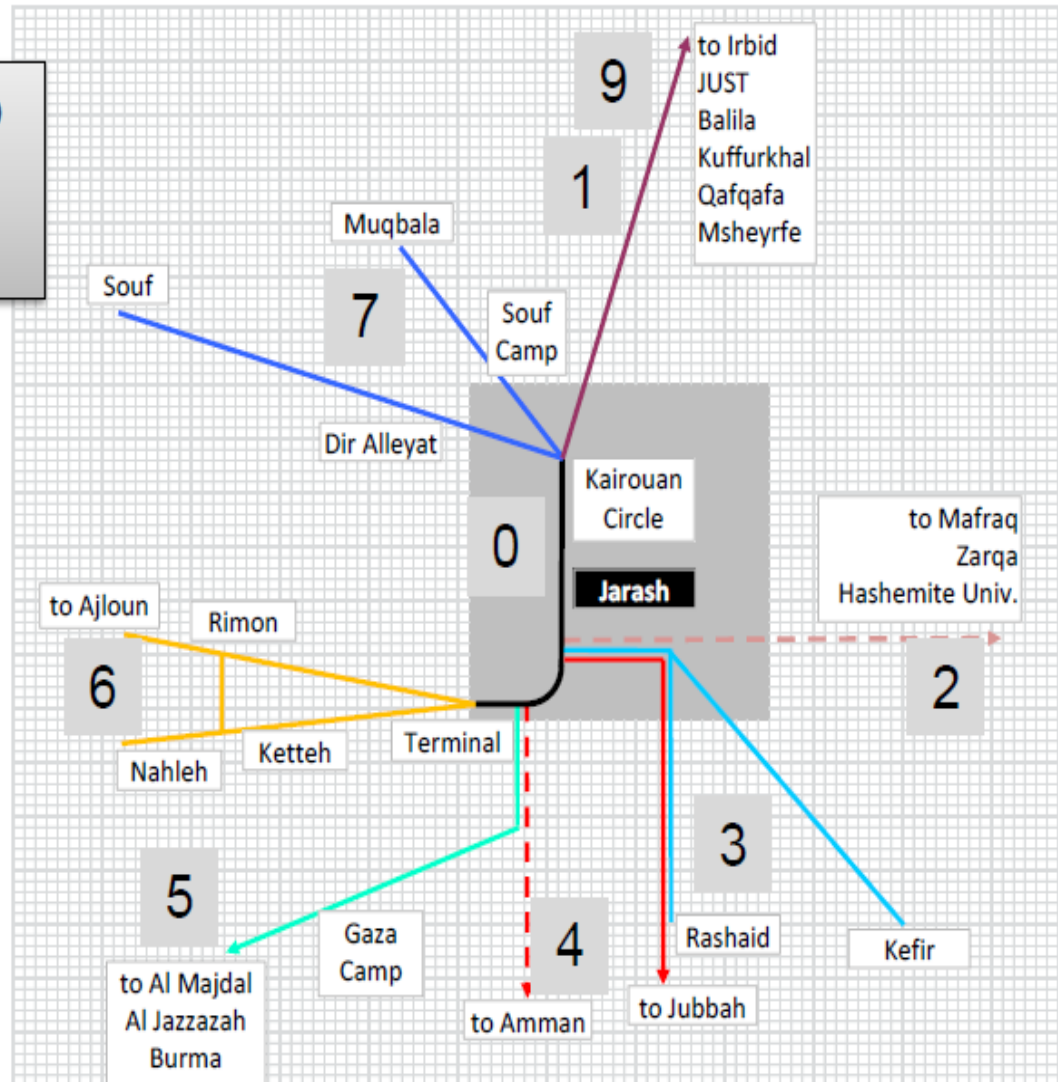
NEW NETWORK

Routes and Operation

Network

Schematic Network Map with Numbering of Corridors

Existing Situation –New Network

Criterion	Existing Situation	New Network
Stops	On Demand	Fixed
Route	Defined	Defined
Departure Times	Experience	Defined
Transfer	Experience	Defined
Vehicles	Mostly Medium	Mostly Medium

Expectation:

- Higher Level of attractivity to the passengers = rising number of trips

- Rise of Revenue

- Increasing number of buses needed

New Network - General Remarks

The Routes of the „new" network are based on the routes of the existing network

- Topography of Jarash force to go identic roads

- New bus station has been taken into account

- Survey describes a Status-quo with low future development approach

- The finally performance change will be very comprehensive, it should be realized step by step. No confusion of passengers by too much changes within short time

- All people affected – passengers, operators, supervisor (LTRC) – should be enabled to make experiances step by step

MAIN CHANGES

DEFINED STOPS & DEFINED TIMETABLE

New Network – Benefits for Customers

Significant change concerning RELIABILITY for passengers

Short distance to next bus station

Boarding a bus at each stop and at a defined time

Optimized Service and Connection Protection

Time Savings and Improvement of Comfort

Transfer also at other places, e.g. Amman Gate

A fixed timetable makes travelling more predictable

New fare system allowing rebates for children, students, elderly or frequent travellers (to attract them using the buses)

Better chance of getting information about passenger flow as a basic for network development and satisfying the wishes of the passengers (new routes, higher frequency etc)
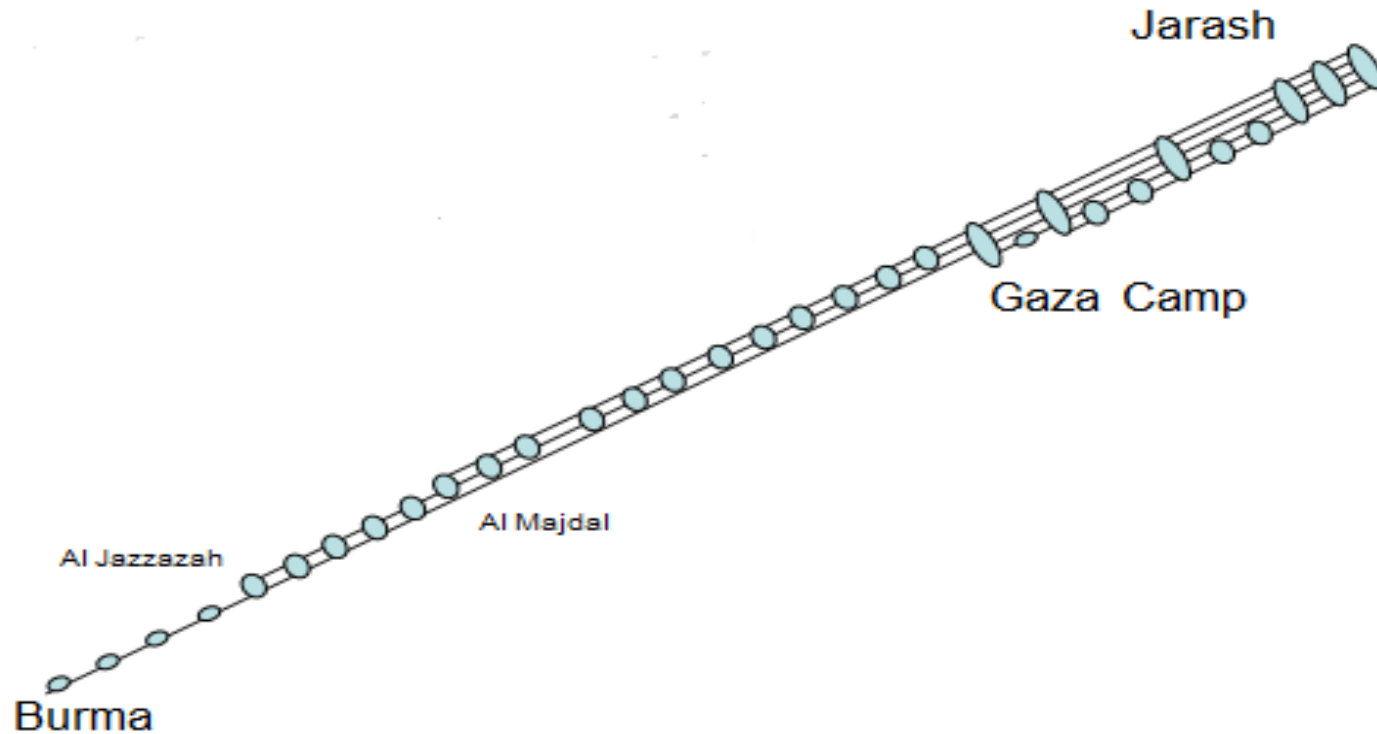
New Network, Example 1

Schematic Network Map

Feederbus Service inside Jarash (Group 0)

Province Office

New Terminal

West

Al Dair

Hospital

Downtown

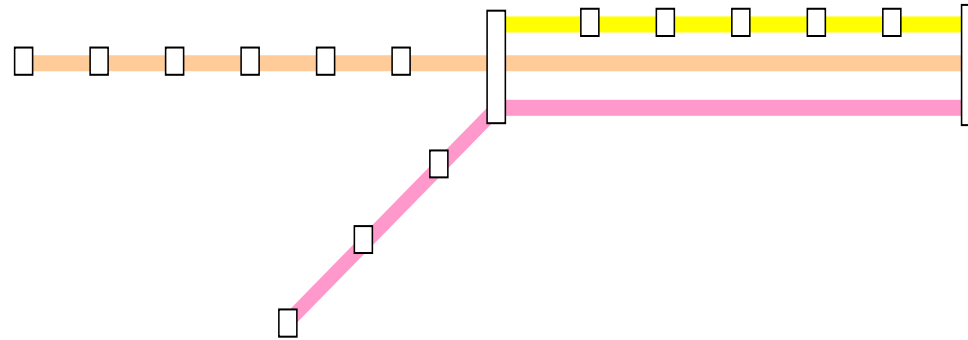Atmat Mountain

Amman Gate
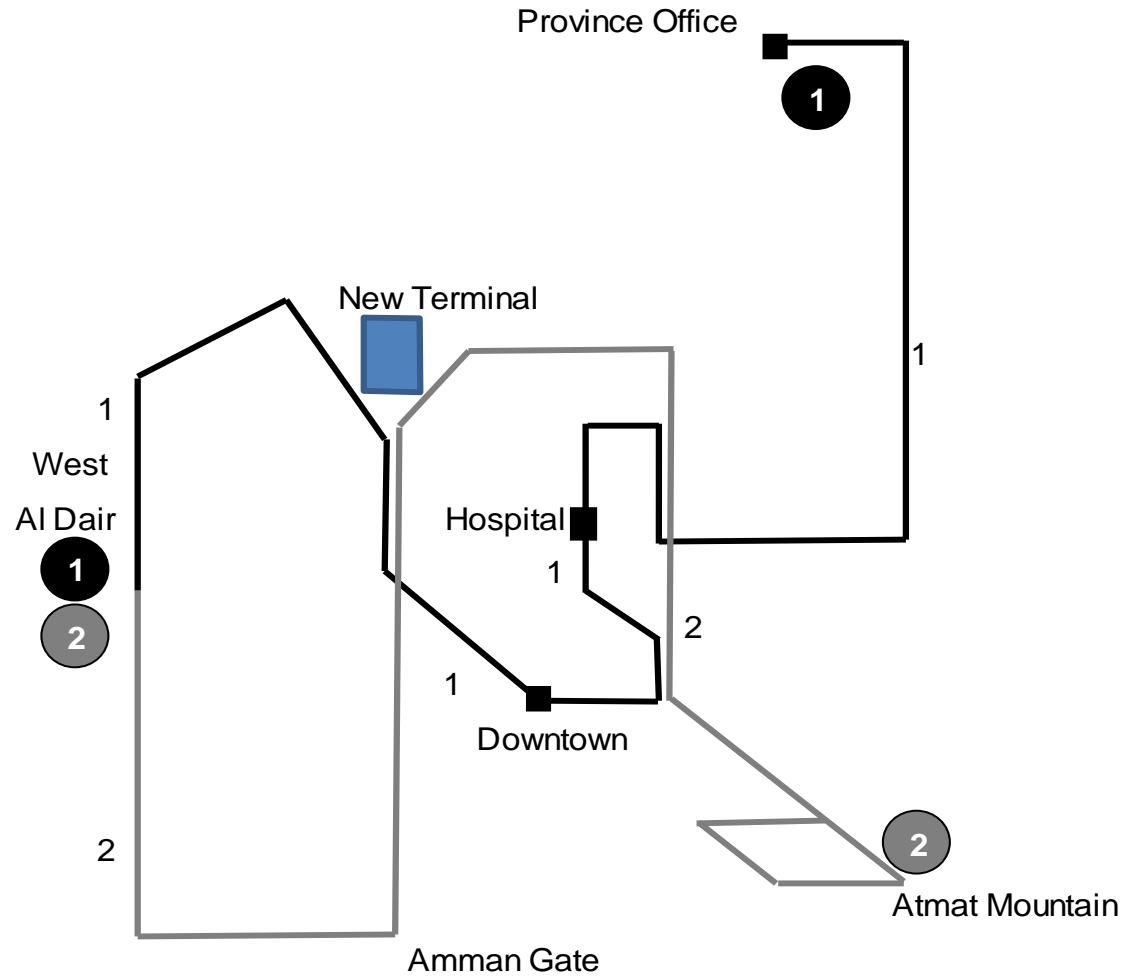
New Network, Example 2

Corridor 5:
- Bundling
- Local Service to Gaza Camp
- Long Distance Service, not serving all stops in the area of local service
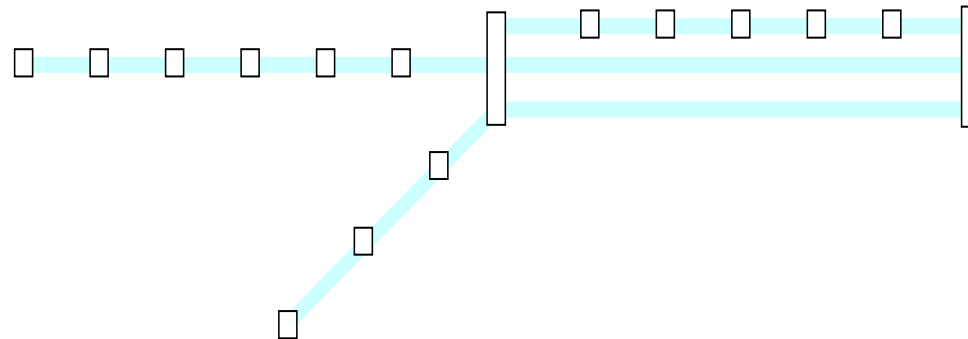
Operation in the new network

Today:

1 Corridor

3 Routes

3 Licenses

3 Operators

Future:

1 Corridor

3 Routes

1 License

1 Team of 3 Operators
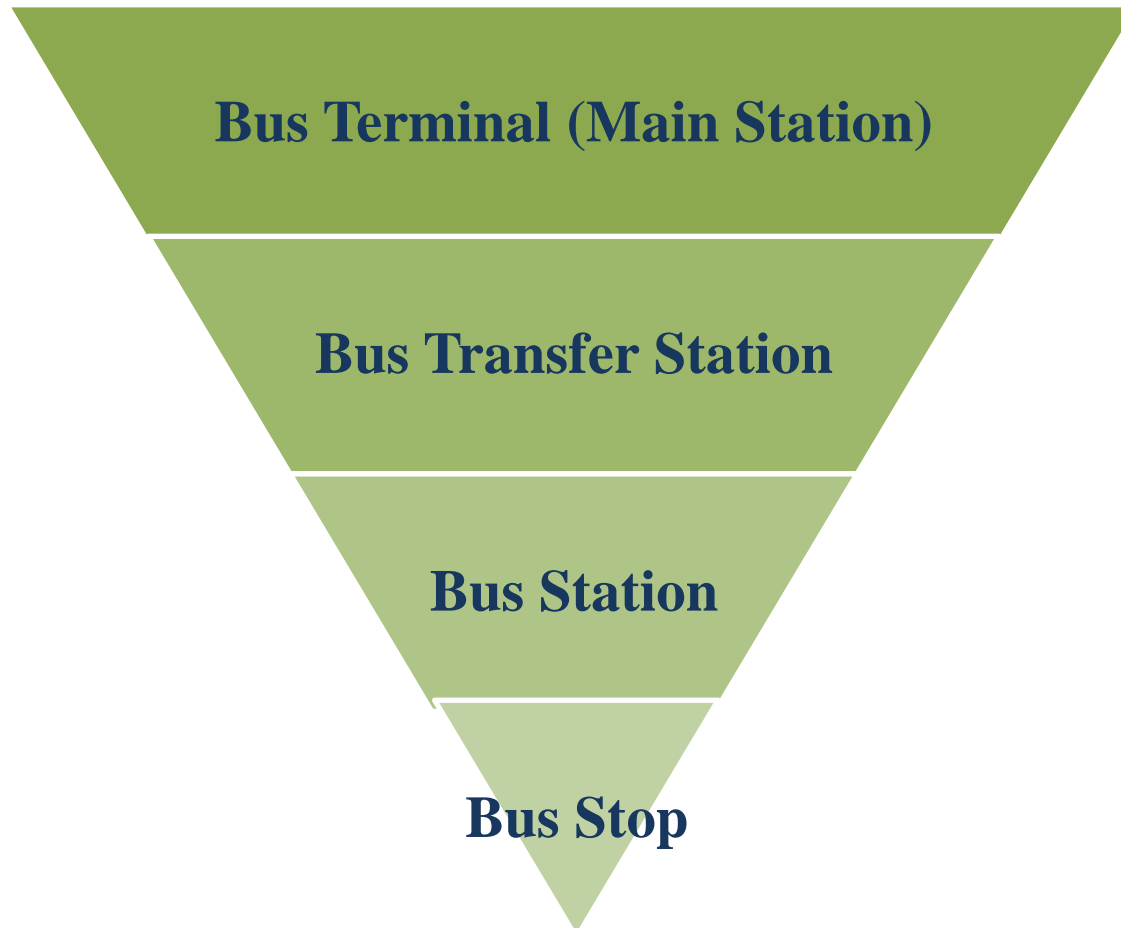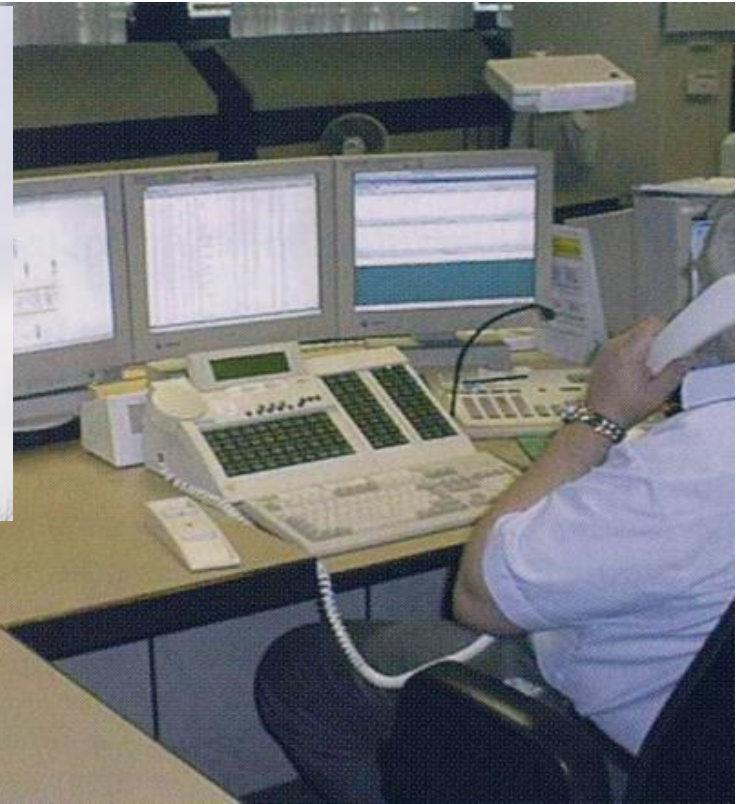
STOPS AND STATIONS

Definition and Classification

Classification

We recommend to allocate the stops to 4 different classes

Bus Terminal (Main Station)

Bus Transfer Station

Bus Station

Bus Stop

ITS/AVM/RTPI

Vehicle Devices / Interfaces

- **Ticket machines (handhelds / fixed machines in bus)**

- **Radio**

- **GPS-Tracking**

Requirements and Interfaces are defined by LTRC to grant common standards

ITS System

TARIFF/FARE COLLECTION

Proposed Structure of Tariff Zones

Zones in Jarash Governorate

Zones outside Jarash Governorate
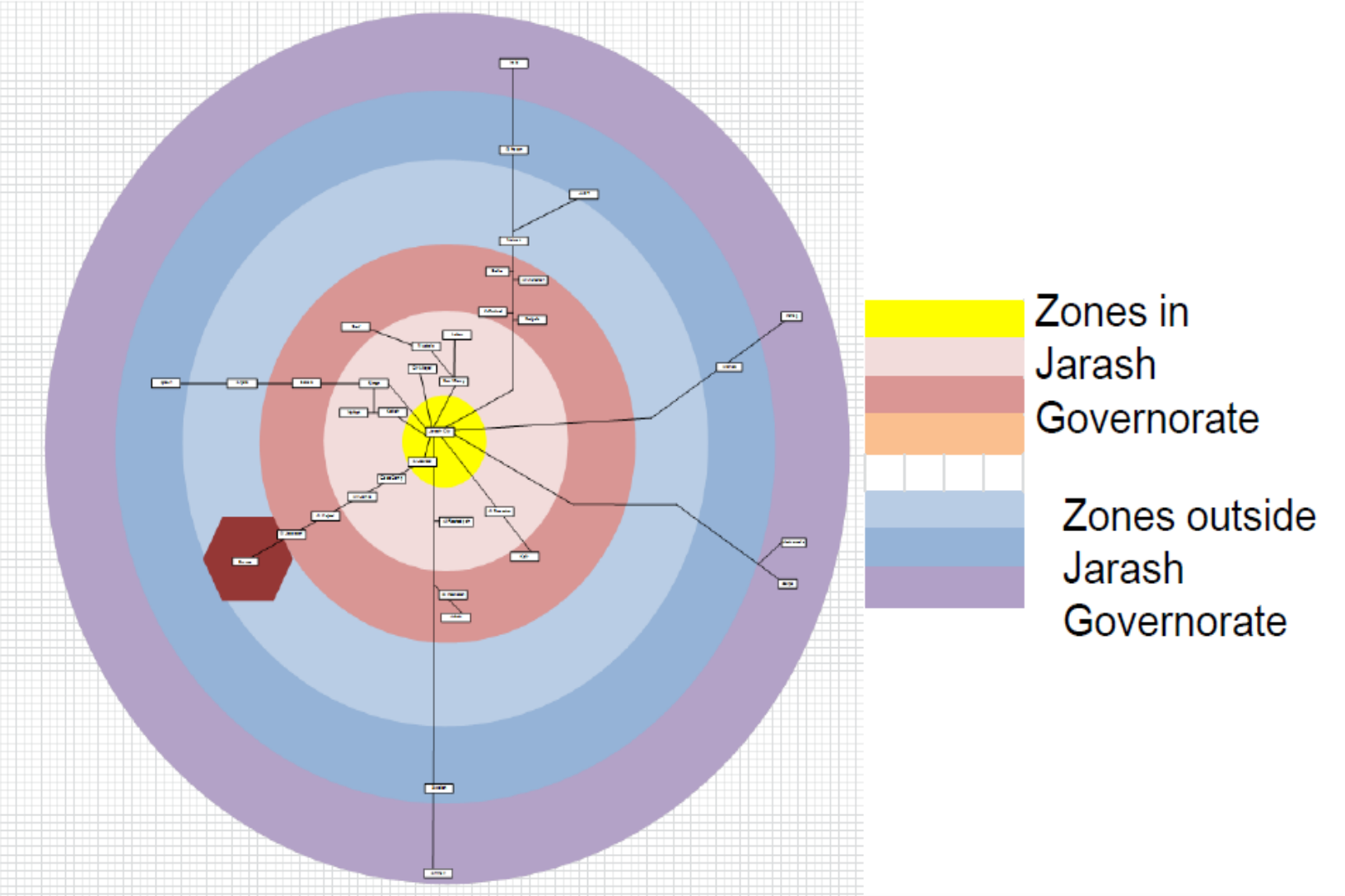
CONTRACTING

Development of Contract Model

Gross Contract

Net Contract