Multi-benefit Approaches to Public Transportation in Amman

Resilience by Design University Workshop

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TRANSPORTATION

Our project concentrates on Amman’s transportation system.

First, we decided what are the resilience outcomes that we want to accomplish after solving the current problems. Amman is a very compact city, with high traffic during the day and specifically in the rush hours, which is in the early morning, and at the leaving hours for schools and different jobs since the leaving hours for most jobs are same, which cause a problem for students and working people. We first highlighted the main and major streets in Amman, and started planning after that for the resilience outcomes that we had perforation “top down approach,” we wanted to divide Amman’s urban lands in to urban center vs neighborhood center. Which means that all the government institutions and departments in special areas easy to get to, far from residential neighborhood, this concept can be realized in two terms; changing in land use and land readjustment.

Second resilience outcome is the park and ride term which motivate the concept of using public transportation, which is our goal because we find that parking your private car and riding a public transportation would be very helpful to reduce traffic and the large number of cars in the streets.
Third resilience outcome is the **P.P.P (PUBLIC PRIVATE PARTNERSHIP)** the government support to solve the community cost.

The barriers are summarized in the cost, lack of awareness and mentality, infrastructure and old regulations.

As for the leverage point, we have to set our priorities and the public interest.
Improving public transportation

Improving WALKABILITY

Until reaching RESILIENCE
RBD UNIVERSITY  EXERCISE 1  sheet 1

PROBLEM &
Amman is a very high compact city

1. AMMAN IS A VERY HIGH COMPACT CITY
   - TOP DOWN APPROACH
   - SUB CBD PERFORATION
   - URBAN CENTRE (CHANGE IN LAND USE) 8 or
     (LAND READJUSTMENT)
   - NEIGHBOURHOOD

2. TRAFFIC
   - PARK AND RIDE
   - AUTOMATED PARKS
   - SHARING BICYCLES & CARS
   - BUSES FOR GIRLS
   - ENCOURAGE WALKABILITY
   - REHABILITATION OF PAVEMENTS

3. HIGH COMMUTING COST
   - PPP
   - GOVERNMENT SUPPORT

Columbia
- Cost
- Land Use Changes
- Sustainability
- Infrastructure
- Old Regulations

Issues:
- We have to split our priority
- Public interest

2 sheet 1 2 sheet 1

RESILIENT CITIES  REBUILD BY DESIGN  COLUMBIA  GSAPP
PennDesign  Resilient Amman  Greater Amman Municipality