







## **Goal C: Institutionalize planning in the city**

Amman has grown from a city of 29Km<sup>2</sup> in 1961 to a metropolis of 800Km<sup>2</sup> to date with an urban area of 630Km<sup>2</sup>. This growth is a result of a number of factors including rural urban migration, concentration of economic activity and services in the capital but most importantly the influx of refugees from the surrounding countries especially in the last few years following the conflict in Syria which are putting pressure on the city's infrastructure. Amman's quality of life is threatened by the increase in traffic congestion, air pollution, reduced pedestrian accessibility, dominance of vehicular roads, lack of open public spaces, all compounded by the lack of strict urban planning. We aim to institutionalize urban planning in the city to allow for a sustainable growth for the future.

## Action 1.C.1 Finalize and implement Amman Strategic Master Plan 2060

<p>We will develop a comprehensive Strategic Master plan for the city that guides development and enhances the quality and character of the built environment. The plan will encourage compact urban growth to make the best use of existing services, promote public transport use, improve pedestrian accessibility, create a natural heritage system that builds on the city's parks, forests and green spaces, protect the agricultural land, and promote mixed use developments to foster diverse economy.</p>	<p><b>Owner</b> GAM (Planning Directorate)</p> <hr/> <p><b>Status</b> Ongoing</p> <hr/> <p><b>Timescale</b> Long Term/phased</p> <hr/> <p><b>Partners</b></p> <ul style="list-style-type: none"> <li>• Land and Survey department</li> <li>• Royal Geographic Center</li> <li>• Amman Urban Observatory</li> </ul>	<p>9  11  16 </p> <hr/> <p><b>Resilience Value</b></p> <ul style="list-style-type: none"> <li>• Direct the future growth and guide the physical development of the city to the year 2060.</li> <li>• Promote integrated and sustainable development practices.</li> <li>• Protect and celebrate the natural and cultural heritage of Amman.</li> <li>• Enhance the quality of life through an integrated masterplan.</li> <li>• Help the city deal with multidisciplinary issues like disaster risk reduction.</li> <li>• Encourage economic development initiatives.</li> <li>• Support the public transportation plans and projects.</li> </ul>
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## Action 1.C.2 Develop a strategic development plan for East Amman

<p>In the short term, we will develop a strategic development plan for East Amman to address urban sprawl, direct, control and manage growth, and identify new areas for development and investment. GAM will start implementing a detailed master plan for one of the zones.</p>	<p><b>Owner</b> GAM (Planning Dir.)</p> <hr/> <p><b>Status</b> Ongoing</p> <hr/> <p><b>Timescale</b> Long Term/phased</p> <hr/> <p><b>Partners</b></p> <ul style="list-style-type: none"> <li>• Land and Survey department</li> <li>• Royal Geographic Center</li> <li>• Amman Urban Observatory</li> </ul>	<p>11 </p> <hr/> <p><b>Resilience Value</b></p> <ul style="list-style-type: none"> <li>• Address urban sprawl as a result of increase in population growth.</li> <li>• Provide new areas for development and investment.</li> <li>• Create employment opportunities.</li> </ul>
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**Leverage foreign businesses interested in supporting the refugee response to invest in marginalized neighborhoods such Al Hussein or Al Hashmi Al Shamali. The development plan should include disproportionately marginalized neighborhoods and feature housing and transportation solutions while strengthening consumer markets. Further, the design of the plan should include the community engagement of displaced residents in order to both inform a more contextually appropriate strategy and promote the citizenship of displaced and marginalized residents within Amman.**



### Action 1.C.3 Establish an urban resilience research center

We will establish a city resilience research center with the aim to engage and raise awareness with the communities and community councils about city resilience challenges and drivers of change in Amman, to build capacity in related topics such as disaster preparedness, or in taking climate action. We also want to promote partnerships between the public and the private sectors to offer training courses, awareness programs, and opportunity to undertake urban resilience and sustainability research in selected topics targeting all segments of the society.

**Owner**  
GAM (Resilience Amman Office)

**Status**  
New

**Timescale**  
Medium

**Partners**

- 100 Resilience Cities Network
- Universities
- NGOs
- Youth societies



**Resilience Value**

- Support building resilience in the city by building capacity and awareness about Amman's resilience challenges across all age groups.

The urban resilience research center should include research and data consolidation regarding the needs and experiences of refugees, asylum seekers, and other persons of concern, all with a specific focus on gender equality, as well as recurrent monitoring and evaluation of the programs and initiatives meant to serve them.



### Action 1.C.4 Develop a storm water drainage masterplan

A number of areas in Greater Amman are frequently affected by flash floods as a result of heavy rainfall. In November 5th, 2015, the flash floods caused loss of lives, and damage to infrastructure, buildings, and cars.

The existing storm water drainage in Amman requires comprehensive improvements that address the a) legal requirements including the ambiguity around ownership structure of wadi beds, and regulations for development b) long term planning, c) the existing facilities and capacities, d) specification and e) maintenance.

We will therefore develop a storm water masterplan for Amman as this is one of the main urgent issues that the city needs to address.

**Owner**  
GAM (Roads Directorate)

**Status**  
New

**Timescale**  
Medium

**Partners**  
• N/A



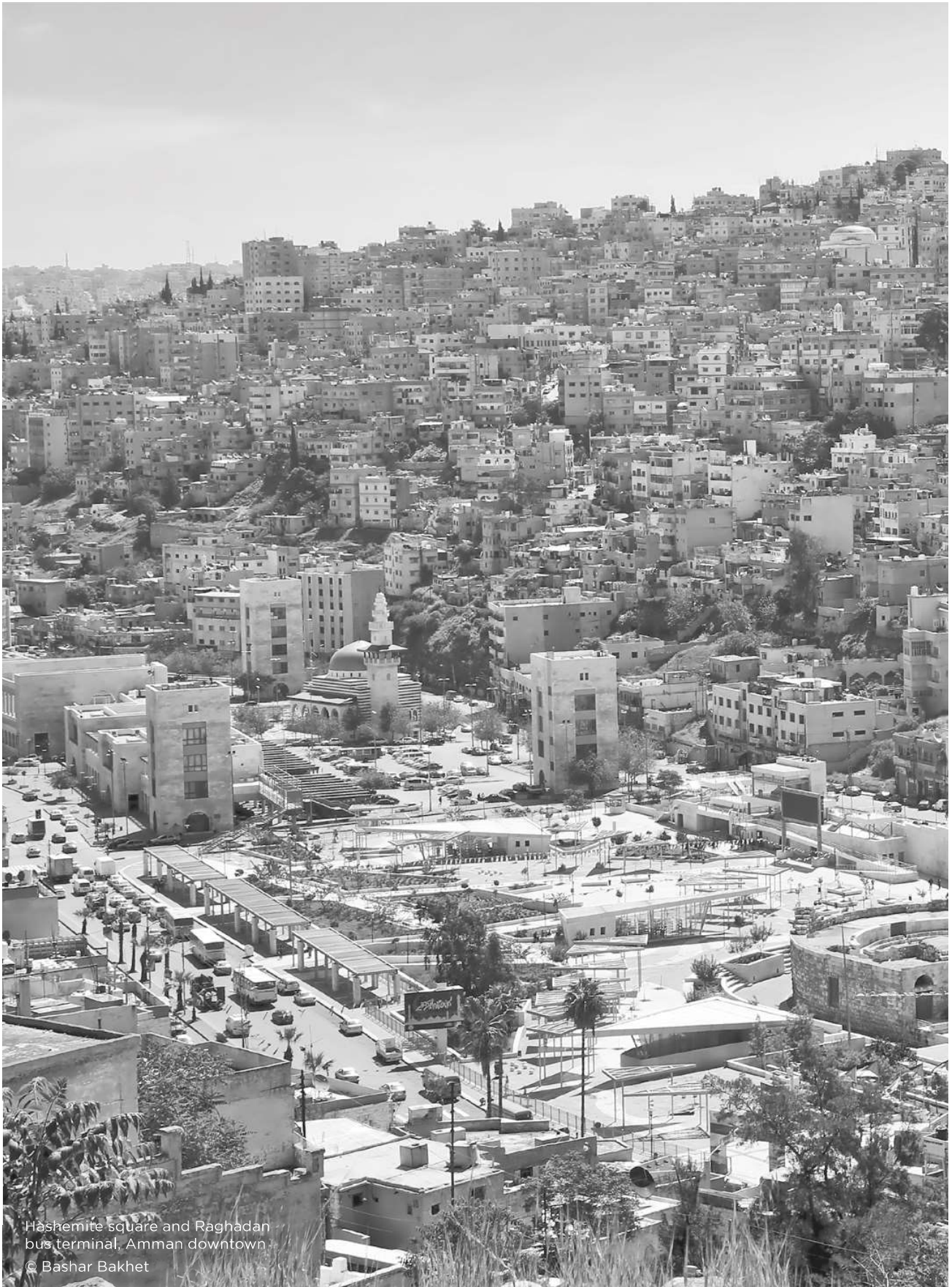
**Resilience Value**

- Enhance the performance and resilience of our stormwater system.
- Help the city to manage and reduce risks resulting from flash floods.



## Challenge in context

Flash flooding is a recurring challenge in Amman. On November 5<sup>th</sup> 2015, a 30 minute heavy rainfall event caused a severe flash flood in the city causing loss of lives, damaged properties, flooded streets, and people trapped in their cars and homes. For us, designing and managing our storm water effectively is one of our main resilience priorities.



Hashemite square and Raghadan bus terminal, Amman downtown  
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