

# 1. Institutional setting

The Mayor of Amman Realized that Amman and other Jordanian cities face a multitude of challenges that could threaten its growth and prosperity, and he led GAM strives to bring innovative solutions to these complex problems and one of these solutions was Amman climate action plan 2019 .

GAM Adopted **Green growth policies** to achieve the following targets :

- **Economic growth**, jobs and improved infrastructure
- Protecting environment and reduce pollution ,preserve local resources .
- Towards a **carbon neutral Amman**, while expanding services and meeting the needs of the rapidly growing city.
- Collaboration among the government, private sector, development partners and residents of Amman.
- GAM started to update its **legislations** to integrate green growth policies and climate change action plans .
- **Update land use strategies** to preserve Amman's natural heritage, agricultural land , and biodiversity through applying the limited growth strategy .and increase the greenery areas in the city .

## 2. Starting point/Project goal

Moving to **sustainable development and green growth principles** is crucial for rapidly growing cities like Amman in order to align economic growth trajectories and environmental and social challenges and minimize the need for trade-offs, and the response of Amman was to create climate action plan to achieve its goals in this field .

This action plan emerged from the **new vision** for Amman which is "To transform the city of Amman to become a sustainable, green and livable city that works efficiently to preserve its resources for future generations."

Amman has started its smart ,compact strategies in 2006 through posting new regulations and urban policies which were focusing on preventing urban sprawl ,intensification &densification ,reserve urban natural and cultural heritage , transit oriented development ,increase green open spaces ,incentive urban agriculture ,incentive green buildings and renewable energy in housing sector , rehabilitation for existing industrial zones, and creating new job opportunities through new industrial zones .

MGP

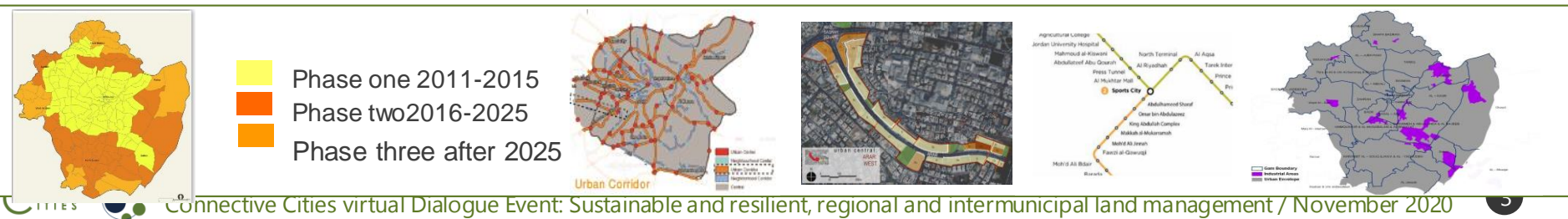


Detailed  
community plan

# Approach

GAM started its Metro Growth Plan in 2006 and launch it in 2008 the main land-use strategies were adopted and still until now to achieve smart growth targets are as follows :

- Set an **Urban envelope** to prevent urban sprawl which is represented in ADC (Amman Development Corridor ).
- Set the strategy of the Interim Growth with **high rise buildings and mixed uses** approach.
- **Intensification and disinfection** strategies in the main corridors of the city.
- Rehabilitation and re-allocation for the **industrial zones** and creating new industrial agglomerations to improve economic growth.
- Improving integrated planning for denser, **transit-oriented development**, and green infrastructure and behavior change towards increased public transport.



# 4. Outputs

## Taking Actions to Improve Amman and Fight Climate Change.

Amman has committed to delivering a GHG emission neutral and climate-resilient city by 2050. with an interim target of a 40 percent reduction over the 2014 baseline by 2030.

Examples of existing ongoing key projects :

- THE METRO GROWTH PLAN FOR AMMAN which sets controlling regulations and strategies to achieve a dense, smart growth plan and prevent urban sprawl and reduce service costs to the municipality.
- TRANSPORTATION • Improvements include the planning and building of the city's first rapid bus transit system, as well as improving the transportation and mobility network.
- ENERGY EFFICIENCY Improvements include enhancing street lighting efficiency with a light-emitting diode (LED) street bulb program and incentivizing green building with a green building density bonus.
- WASTE Improvements include managing waste based on the "4Rs", that is, reduction, reuse, recycling, and recovery, as well as creating fossil-fuel-free energy in the Al Ghabawi waste to energy facility.

# 5. Lessons learnt

- The analysis for Amman shows that **land-use strategies** and carbon sequestration could be more effective in reducing emissions than some energy sector or transport actions. More studies and modeling are needed to support this analysis.
- Cooperation between **different stockholders** needed in implementing any urban policy, and to achieve successes in implementing land use strategies .
- To build a successful strategical urban planning , **big data** is needed towards evidence-based decision making.
- Community **Participatory approach** is a must in such projects and plans, and raise the awareness towards the climate change mitigation and adaptation strategies importance for any city.
- Adopt the integrated **comprehensive** and participatory approach in urban planning to achieve goals in **sustainable development**.
- Existing challenges in the implementation phases due to private land owner ship ,high expropriation cost to **provide public spaces** need smart methods to achieve goals with less cost.

# 6. Follow up

- The actions that emerged from this document can be measured and have indicators that can ensure monitoring and evaluation of action plans.
- The action responsibilities were distributed among GAM sectors and departments to ease the implementation process upon each sector and department field of specialty.
- Each action is defined with time frame and importance connected with reduction of Co2 emissions.
- GAM is working to integrate The climate action plan with the land use strategies.
- Examine housing policies to determine the factors driving the high vacant housing rate is needed now for Amman to define the weakness points and develop new housing strategies .
- Review the design guidelines and based on best practice and propose policies that assure the provision of services and goods at neighborhood level and improve the social cohesion and solidarity among the residents of neighborhoods in the city.