



# Sustainable Development in Qatar

## Ministry of Municipality

وزارة البلدية  
Ministry of Municipality  
دولة قطر + State of Qatar



# Introduction to Sustainable Development



**Qatar's commitment to sustainable development is guided by its National Vision 2030.**



**Qatar has been advancing its focus on integrating sustainable development into its national policies and regulations driven by its National Vision 2030, which outlines its goals for economic, social, environmental, and human development.**

# Introduction to Sustainable Development



The transformation that lies ahead is outlined in seven key strategic national outcomes for the next seven years.

1. Sustainable Economic Growth

2. Fiscal Sustainability

3. Future-ready Workforce

4. Cohesive Society

5. Quality of Life

6. Environmental Sustainability

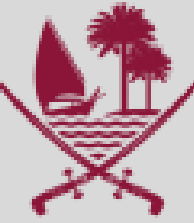
7. Government Excellence



استراتيجية التنمية الوطنية  
National Development Strategy

Qatar transitions into the next phase of its development, shifting towards a sustainable economic future driven by its citizens, residents, and the private sector, while maintaining our values, identity, and social fabric.

# Designing a Sustainable City



## Core Principles:



- Maximize energy and water efficiency, and use renewable energy sources.
- Promote renewable energy sources (solar, wind, geothermal) and energy-efficient infrastructure.

1



- Incorporate green spaces such as parks, green roofs, and urban farming.
- Integrate water management systems like rainwater harvesting, permeable surfaces, and natural water filtration.

2



- Design for walkability, cycling, and use of electric vehicles (EVs).
- Develop efficient public transport systems to reduce car dependency and promote shared mobility.

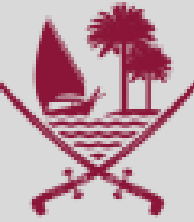
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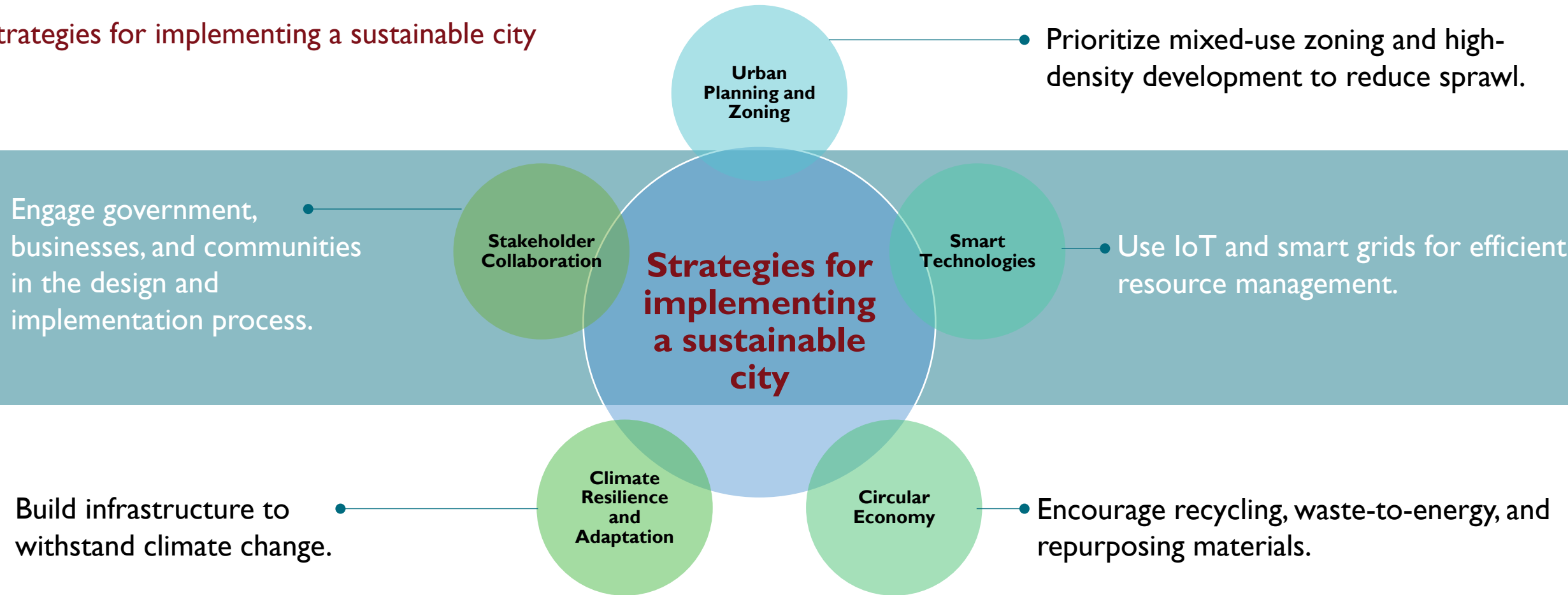
- Ensure affordable housing, accessible public services, and equitable access to green spaces.
- Encourage community engagement and active participation in urban planning.

4

# Designing a Sustainable City



## Strategies for implementing a sustainable city



# Sustainable Development Concepts



*Key sustainable development concepts are as follows*

**01**

**Sustainable  
Urban  
Development**

**03**

**Regulatory  
Frameworks**

**05**

**Sustainable  
Transportation**

**Economic  
Diversification**

**02**

**Renewable  
Energy  
Initiatives**

**04**

**Social  
Development**

**06**

# Sustainable Development Concepts



## I. Economic Diversification

Qatar is working to reduce its dependence on hydrocarbon revenues by diversifying its economy. Initiatives are being taken to promote sectors like education, health, sports, tourism, and finance etc. The regulations promote make in Qatar initiatives and provide financial support through Qatar Development banks and various incentives to promote self-dependency.

1

Diversifying Qatar's economy is not a new idea, and the government has been taking steps to achieve this goal for several years

Another key pillar of Qatar's economic diversification strategy is the development of a knowledge based economy

2

3

Qatar's tourism sector is also a key focus of its economic diversification strategy

Qatar's economic diversification strategy has already started to yield results, with the non-oil sector accounting for around 52% of the country's GDP in 2020, up from 48% in 2019

4

# Sustainable Development Concepts



## 2. Sustainable Urban Development



Smart cities like Lusail City and Msheireb Downtown



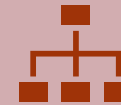
Designed for energy efficiency and integrated green spaces.



Advanced technologies like district cooling systems.



Adoption of sustainability standards



The Global Sustainability Assessment System (GSAS) is applied to all new infrastructure.



Retrofitting older buildings with energy benchmarking systems.



# Sustainable Development Concepts

## 2.Sustainable Urban Development



**As part of the Qatar 2030 Vision, the creation of Lusail City establishes an iconic city providing all the convenience and amenity needed to support a community-oriented lifestyle.**

### Lusail Smart City

To build a strong social and cultural foundation into a technologically advanced modern sustainable city that will embody the future aspirations of Qatar.

# Sustainable Development Concepts

## 2.Sustainable Urban Development

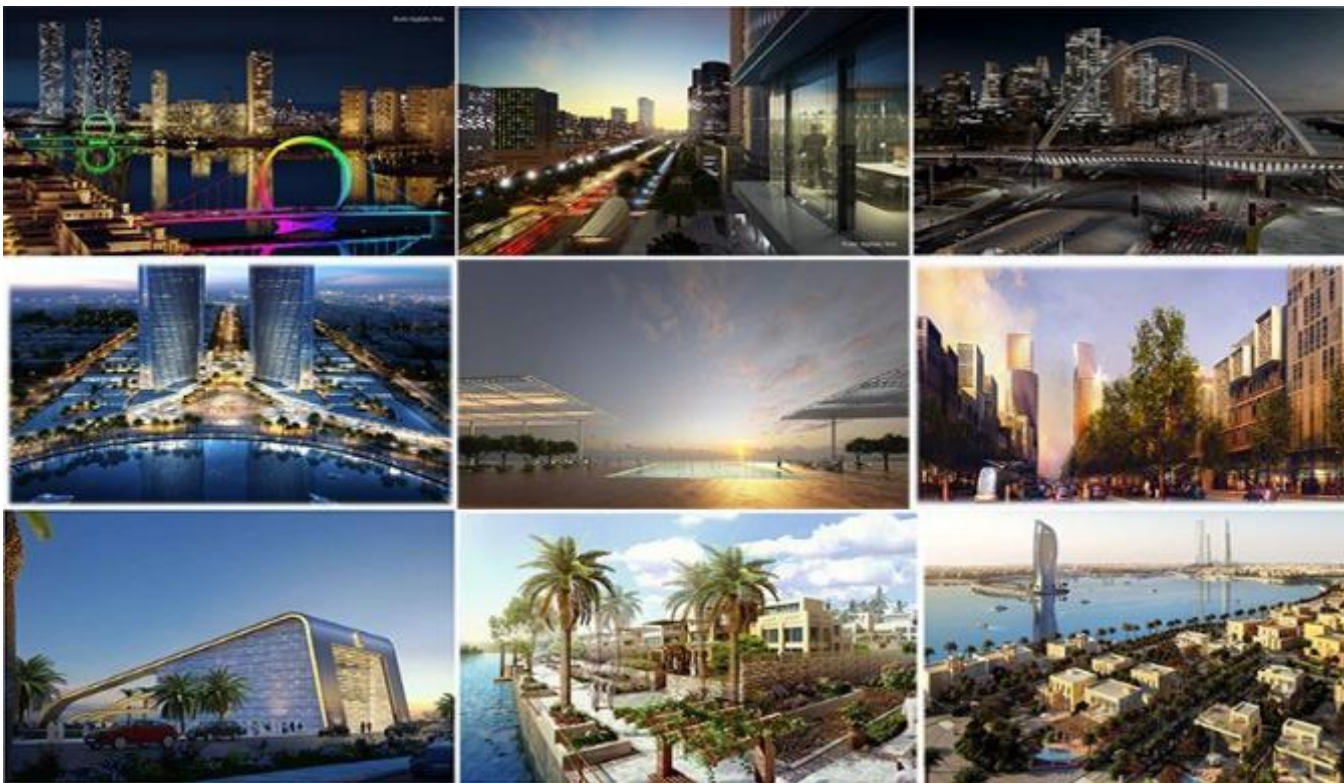
- Qatar is investing heavily in smart city infrastructure, with Lusail serving as a leading example.
- The city integrates advanced technologies such as IoT (Internet of Things), AI (Artificial Intelligence), and sustainable solutions.
- Rapid urbanization in other countries can benefit from adopting similar approaches in smart urban planning.
- Focus on energy efficiency and integrated transportation systems within urban development is a key strategy.

### Lusail Smart City

To build a strong social and cultural foundation into a technologically advanced modern sustainable city that will embody the future aspirations of Qatar.

# Sustainable Development Concepts

## 2.Sustainable Urban Development



### Lusail Smart City

The vision for Lusail City is to create a modern and sustainable 21st Century City in State of Qatar, a destination of choice for visitors, residential and businesses in GCC Region.

# Sustainable Development Concepts

## 2.Sustainable Urban Development

- Msheireb Downtown in Doha, Qatar, is a cutting-edge smart city integrating modern technology and sustainable urban design.
- It utilizes IoT and energy-efficient systems to enhance the overall quality of life for residents.
- The development prioritizes pedestrian-friendly spaces and sustainable buildings.

### Msheireb Smart City

"Msheireb Smart City, A Legacy of Sustainable Urban Living"

# Sustainable Development Concepts

## 2.Sustainable Urban Development



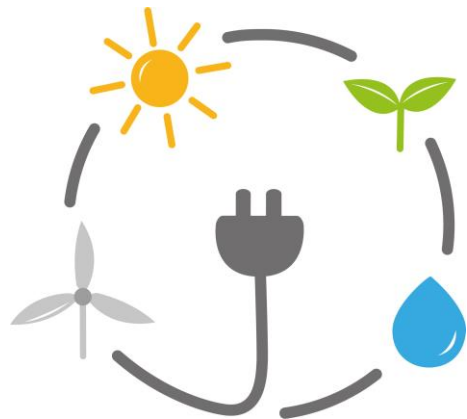
### Msheireb Smart City

#### Key Features of Msheireb Smart City

- Sustainable Design
- Smart Technology Integration
- Cultural and Social Focus
- Transportation Innovation
- Environmental Sustainability
- Economic Impact

# Sustainable Development Concepts

## 3. Renewable Energy Initiatives



- Qatar is transitioning to a clean energy mix with a focus on solar power:
- Ambitious target: 4 GW of renewable energy by 2030.
- Over 30% of the country's energy needs will be met by renewable sources.
- This aligns with Qatar's commitment to the Paris Agreement on climate change.

# Sustainable Development Concepts



## 4. Regulatory Frameworks



- Green building codes ensure energy efficiency.
- Mandatory sustainability standards for private residences in Lusail City.
- Policies enforce sustainable practices in construction, energy, and transport.

## 5. Social Development



- Focus on healthcare access, education reforms, and social inclusion.
- Programs to promote gender equality and empower youth.
- Efforts to ensure that economic growth improves the quality of life for all residents.

# Sustainable Development Concepts

## 6. Sustainable Transportation



- Expansion of Doha Metro and promotion of electric vehicles.
- Aim to reduce emissions and improve mobility.

*These concepts reflect Qatar's commitment to balancing economic growth with environmental stewardship and social development, in line with global sustainability goals.*



**Thank You!**



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