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EMIRATES ENVIRONMENTAL GROUP

Overview of Green Building Landscape in the MENA Region

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The Urgency for Sustainable Development in MENA

Growing Environmental Challenges in MENA

Why Sustainable Construction is Key

Climate Change and Its Impact

The Role of Green Buildings in MENA's Future

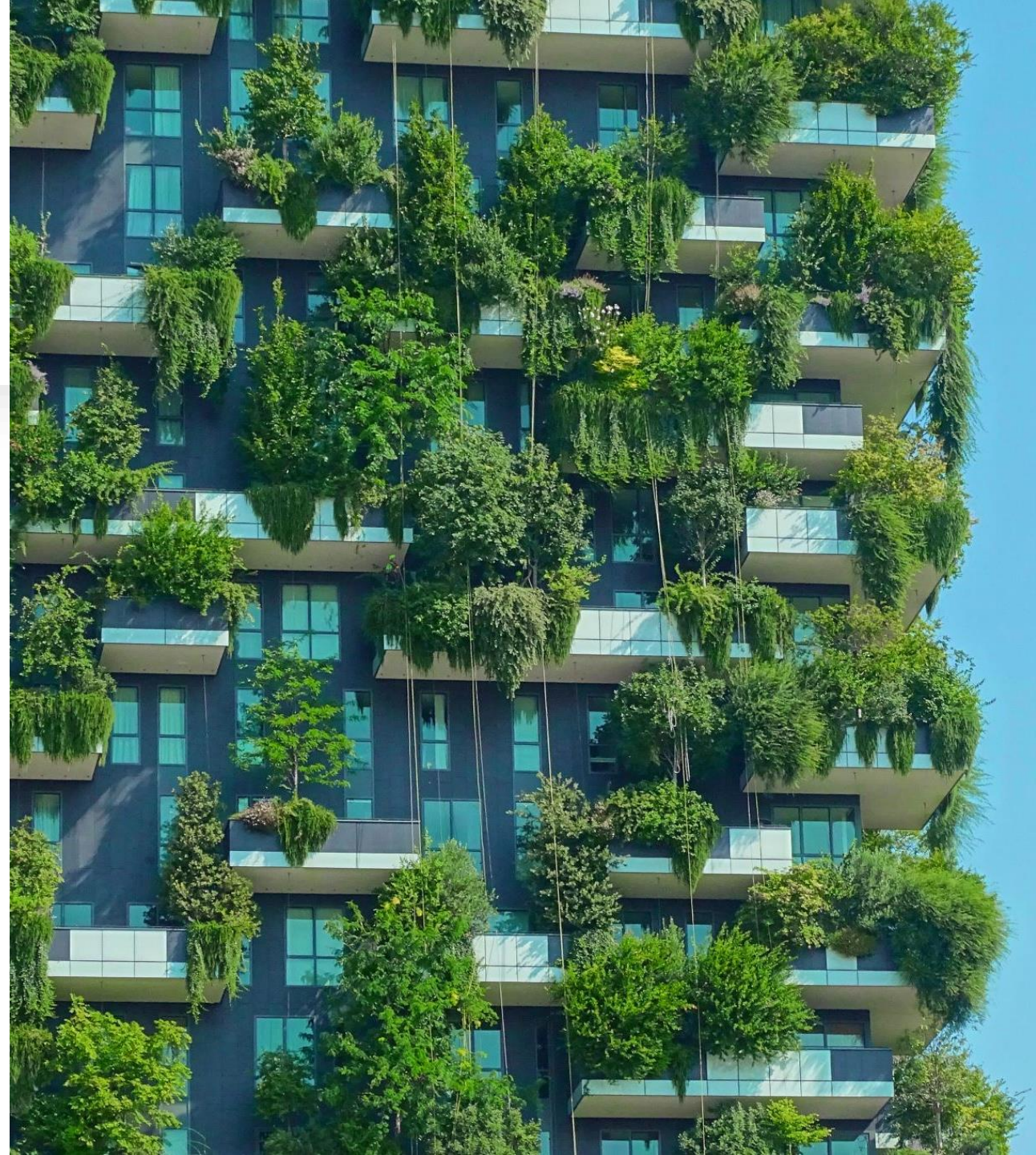
What Are Green Buildings?

Core Definition of Green Buildings

Key Features of Green Buildings

Human and Environmental Benefits

The Holistic Approach



Global Shift Towards Green Buildings

- **Green building certification systems**
 - ✓ **LEED** (Leadership in Energy and Environmental Design)
 - ✓ **BREEAM** (Building Research Establishment Environmental Assessment Method)
 - ✓ Several national rating systems in the region

MENA's Growing Role in Green Buildings

- **Government Initiatives:**
 - ✓ UAE Green Building Regulations
 - ✓ Saudi Vision 2030
 - ✓ Egypt's Sustainable Development Strategy 2050

Adoption of LEED-Certified Projects in MENA

- Major cities like **Dubai, Riyadh, Qatar** and **Cairo** are home to numerous LEED-certified buildings, which include government offices, corporate towers, and residential complexes

Sustainable Urban Planning & Innovations

- Green buildings are a key element of larger **sustainable urban planning efforts** across the region.
 - ✓ Masdar City in the UAE
 - ✓ King Abdullah Economic City in Saudi Arabia
- **Latest green technologies**
 - ✓ Renewable (Solar) energy
 - ✓ Efficient waste management systems
 - ✓ Smart grid technologies

Global Growth and MENA's Role in Green Buildings

Key Trends in Green Building Across MENA

Government-Led Green Building Initiatives

- through regulations, policies, and ambitious sustainability visions
 - ✓ UAE Green Building Regulations
 - ✓ Saudi Vision 2030
 - ✓ Egypt Vision 2050

Increased Adoption of LEED-Certified Projects

- LEED certification has become a benchmark for green building in the MENA region.
 - ✓ **UAE** has one of the highest numbers of LEED-certified buildings outside the U.S.
 - ✓ **NEOM in Saudi Arabia**

Eco-friendly Technologies in Construction

- Renewable energy integration
- Water conservation systems
- Smart building technologies

Sustainable Building Materials

- **Locally sourced and recycled materials:** Many projects now incorporate **recycled steel, reclaimed wood, and low-emission concrete.**
- **Eco-friendly insulation:** Materials such as **sheep wool, cotton, and hempcrete**

Health and Well-being in Design

- Natural ventilation and lighting
- Non-toxic materials



Impact of Green Buildings on Sustainability

Reduce
Environment-
al Footprint

Enhance
Economic
Sustainability

Build
Resilient
Communities

Contributes
to UN SDGs

Improve
Health &
Well-being

Challenges and Opportunities in the MENA Green Building Sector

Challenges in Implementing Green Buildings

High Initial Cost

Lack of Awareness & Expertise

Regulatory & Policy Barriers

Opportunities for Growth and Development

Government Initiatives & Visionary Plans

Growing Market Demand

Advancement in Green Technologies

Regional Leadership in Sustainability



Summary of Key Points

- Green Building Growth in MENA
- Challenges and Opportunities



Importance of Continued Investment

- Sustaining Momentum
- Long-Term Benefits



Future Outlook

- Regional Leadership in Sustainability
- Expansion of Green Building Practices



Call to Action

- Collaboration & Innovation
- Commitment to Sustainability

Conclusion & Future Outlook



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THANK YOU

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