



Advancing Sustainable Development Goals Through Cross-Regional Collaboration

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Outline

- SDGs related to Climate Change & Global Warming
- Sharing insights from practical projects - Djibouti & Egypt
- Cross-regional collaboration to advance SDGs
- Conclusion



➤ SDGs related to Climate Change & Global Warming



Out of the 17th SDGs there are 9 relevant to combate climate change





Egypt's water challenges



Djibouti gets funding for water desalination & wastewater treatment

Sharing insights from practical projects - Djibouti & Egypt

This presentation draws upon my learning experience in Djibouti and Egypt, where I actively participated in projects centered around various Sustainable Development Goals (SDGs), especially the 6th Clean Water & Sanitation and the 11th Sustainable Cities & Community. Today, I aim to concentrate on SDG 6 & 11 within the MENA region.

My objective is to underscore the imperative of regional collaboration for a comprehensive approach in tackling these global challenges.

➤ Cross-regional collaboration to advance SDG 6



SDG 6, aims to ensure availability and sustainable management of water and sanitation for all.

Many countries in MENA region, have recognized the importance of SDG 6 and have taken measures to address water scarcity, improve water quality, and enhance sanitation services to achieve the goal of ensuring universal access to clean water and adequate sanitation for all. Potential for cross regional collaboration to advance SDG 6

➤ Cross-regional collaboration to advance SDGs



Since the countries in the MENA region work on various projects related to SDG 6 to address common water and sanitation challenges.

Let's imagine some collaborative projects they could undertake:

➤ Cross-regional collaboration to advance SDGs



I. **Capacity Building and Knowledge Exchange:**

Establish a platform for knowledge exchange and capacity-building programs where countries can **share best practices, technologies, and expertise** in water conservation, wastewater treatment, and sustainable water management across MENA region

➤ Cross-regional collaboration to advance SDGs



2. **Research and Development Initiatives:**

Pool resources for joint research and development projects focusing on innovative water technologies, desalination advancements, and solutions for water scarcity, aiming to find cost-effective and sustainable methods for water production and conservation.

➤ Cross-regional collaboration to advance SDGs



3. **Regional Water Sharing and Management:**

Collaborate on agreements for water transportation projects across borders. This could involve joint initiatives for equitable distribution, conservation, and sustainable use of shared water resources, considering the needs and challenges of each country.

➤ Cross-regional collaboration to advance SDGs



4. **Cross-border Sanitation Improvement:**

Collaborate on projects to improve sanitation facilities in border regions or areas facing similar challenges. **This could involve the development of shared sanitation infrastructure and hygiene promotion programs.**

➤ Cross-regional collaboration to advance SDGs



5. **Public Awareness Campaigns:**

Create joint public awareness campaigns **across the region to educate communities about the importance of water conservation**, proper sanitation practices, and the sustainable use of water resources.

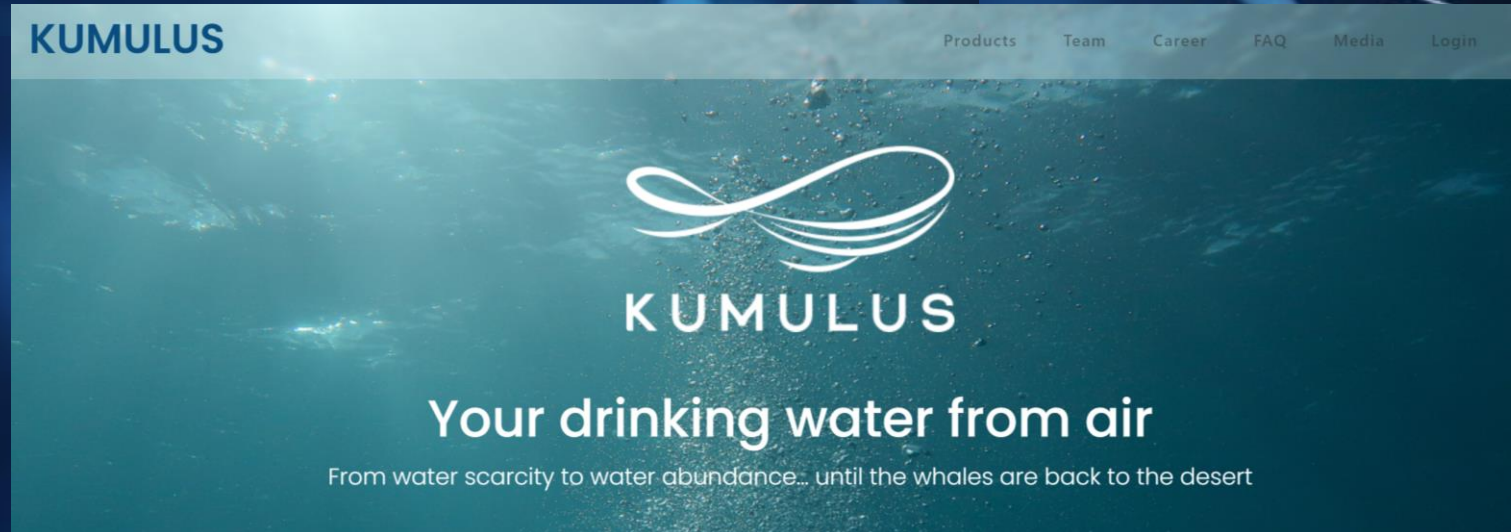
➤ Cross-regional collaboration to advance SDGs



6. Investment in Green Infrastructure:

Collaboratively invest in green infrastructure projects such as rainwater harvesting systems, wastewater recycling facilities, and nature-based solutions to manage and treat water sustainably.

➤ Cross-regional collaboration to advance SDGs



Tunisian startup
<https://www.kumuluswater.com>

➤ Cross-regional collaboration to advance SDGs



7. **Policy Harmonization:**

Work together to align policies, regulations, and standards related to water management and sanitation, facilitating smoother collaboration and shared efforts towards achieving SDG 6.

➤ Cross-regional collaboration to advance SDGs



8. **Emergency Response and Disaster Management:**

Develop joint strategies and plans for managing water-related emergencies and natural disasters like floods or droughts, ensuring a coordinated response and support system among neighboring countries.

➤ Cross-regional collaboration to advance SDGs



9. **Promotion of Sustainable Agriculture Practices:**

Collaborate on initiatives promoting water-efficient agricultural practices and technologies, **reducing water wastage in agriculture** while ensuring food security in the region.

➤ Cross-regional collaboration to advance SDGs



10. **Public Private Partnerships within the Région:**

Form partnerships to leverage their expertise, resources, and funding for larger-scale projects addressing water and sanitation challenges collectively.

➤ Cross-regional collaboration to advance SDGs



These collaborative projects around SDG 6 can foster regional cooperation, mutual benefit, and shared responsibility among countries of MENA region, leading to more effective and sustainable solutions to common water and sanitation issues.

➤ Cross-regional collaboration to advance SDGs



SDG 11, which focuses on Sustainable Cities and Communities, stands as a pivotal framework for fostering inclusive, resilient, and sustainable urban development across the globe. In Egypt, numerous initiatives have been set in motion to align with this goal, aiming to create cities and communities that prioritize sustainability, inclusive housing, and the establishment of accessible public spaces.

One prominent example of sustainable urban development in Egypt is the Cairo 2050 Vision, a comprehensive plan designed to transform the city into a more livable, equitable, and environmentally friendly metropolis.

This initiative emphasizes sustainable infrastructure, improved transportation systems, and the development of green spaces to enhance the overall quality of life for its residents.

SDG 11 focuses on making cities and human settlements inclusive, safe, resilient, and sustainable.

In the MENA region, this goal is particularly crucial due to several reasons:

➤ Cross-regional collaboration to advance SDGs



I. **Rapid Urbanization:**

Many countries in the MENA region are experiencing rapid urbanization, with a significant portion of the population moving from rural to urban areas. SDG 11 aims to ensure sustainable urban development to accommodate this growth.

➤ Cross-regional collaboration to advance SDGs



2. Infrastructure Development:

There is a pressing need for adequate and resilient infrastructure in cities across the MENA region. This includes housing, transportation, water, and sanitation systems, which are essential for the well-being of urban populations.

➤ Cross-regional collaboration to advance SDGs



3. Environmental Challenges:

Cities in the MENA region face environmental challenges such as air and water pollution, waste management issues, and vulnerability to climate change impacts. SDG 11 emphasizes sustainable practices to mitigate these challenges and build resilience.

➤ Cross-regional collaboration to advance SDGs



4. **Inclusivity and Equity:**

Urban areas often see disparities in access to basic services and opportunities. SDG 11 emphasizes inclusivity, aiming to provide equal access to resources, housing, transportation, and other essential services for all residents, regardless of socioeconomic status.

➤ Cross-regional collaboration to advance SDGs



5. Crisis and Conflict-affected Areas:

Some parts of the MENA region have experienced conflicts or humanitarian crises, leading to displacement and strain on urban infrastructure. SDG 11 addresses the need to build resilient cities capable of handling such challenges.

➤ Cross-regional collaboration to advance SDGs



6. **Preservation of Cultural Heritage:**

Many cities in the MENA region boast rich cultural heritage. SDG 11 encourages the preservation of cultural and historical sites while promoting sustainable development.

➤ Cross-regional collaboration to advance SDGs



7. **Public Health and Safety:**

Creating safe and resilient cities is crucial for ensuring the well-being of residents.

SDG 11 emphasizes measures to enhance safety, reduce crime rates, and improve public health in urban areas.

Conclusion



In conclusion, my intervention underscores the importance of interregional collaboration to achieve sustainable development goals, particularly SDG6. I hope to inspire greater cooperation among countries in the MENA region.

One Sustainable Development Goal (SDG) often has positive ripple effects on others. It is our collective responsibility to forge partnerships, share knowledge, and work together on transnational projects to build a more sustainable and equitable future among our countries in MENA region.

لا تفسدوا في الأرض

سورة البقرة - الآية 11



Thank You



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