



VISION 2030

# GlobalPact SustainX

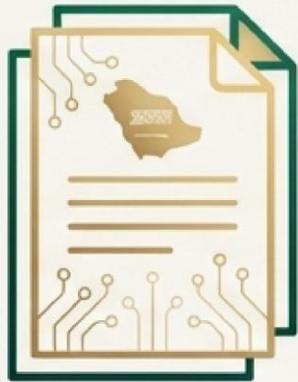
Empowering the Kingdom's Energy Transition

Strategy. Project Management. Capacity Building.

USA | SAUDI ARABIA | INDIA

# The Kingdom's Sustainable Vision

Saudi Arabia is undertaking the world's most ambitious energy transition, moving from a hydrocarbon-based economy to a global leader in sustainability under Vision 2030 and the Saudi Green Initiative (SGI).



Vision 2030 & SGI



## 50% Renewables by 2030

Targeting ~58.7 GW capacity.  
Net Zero by 2060.



## Liquid Fuel Displacement

Displacing 1 million barrels of liquid fuel daily used in electricity production.



## 300% Capacity Surge

Recent increase to 2.8 GW installed,  
with 8 GW+ under construction.

# The Execution Gap: Bridging Vision & Reality



Vision 2030  
Policies



GlobalPact SustainX Execution Framework

Operational  
Gigaprojects



## Scale & Speed

Sudair (1.5 GW)  
and Al Shuaibah  
(2.6 GW) require  
military-grade  
PMC precision.



## Environmental Extremes

High DNI coupled  
with dust soiling  
and extreme heat  
degradation.



## Human Capital

Urgent need for  
Saudization and  
local technical  
capacity building.

# Core Services: From Strategy to Capability

Beyond Consulting: We don't just advise; we execute.



## Strategic Advisory

Energy transition roadmaps, Green Hydrogen strategy, and regulatory navigation.

## PMC Excellence

Delivering complex infrastructure (ACWA Power/PIF standards) with international expertise.

## Human Capability

Building a future-ready Saudi workforce and closing the green skills gap.

# Strategic Differentiation

We are the bridge between Vision and Value.



## Beyond Consulting

We execute (PMC) and build capacity, moving beyond mere advice.



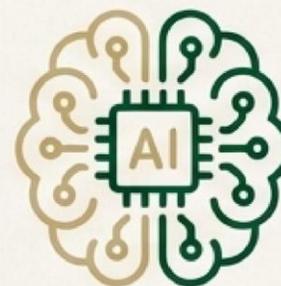
## Beyond Greenwashing

Focus on real 'Asset Optimization' and 'Economic Resilience'.



## Beyond Borders

Global tech adapted for specific Saudi environmental constraints.



## Future-Proof

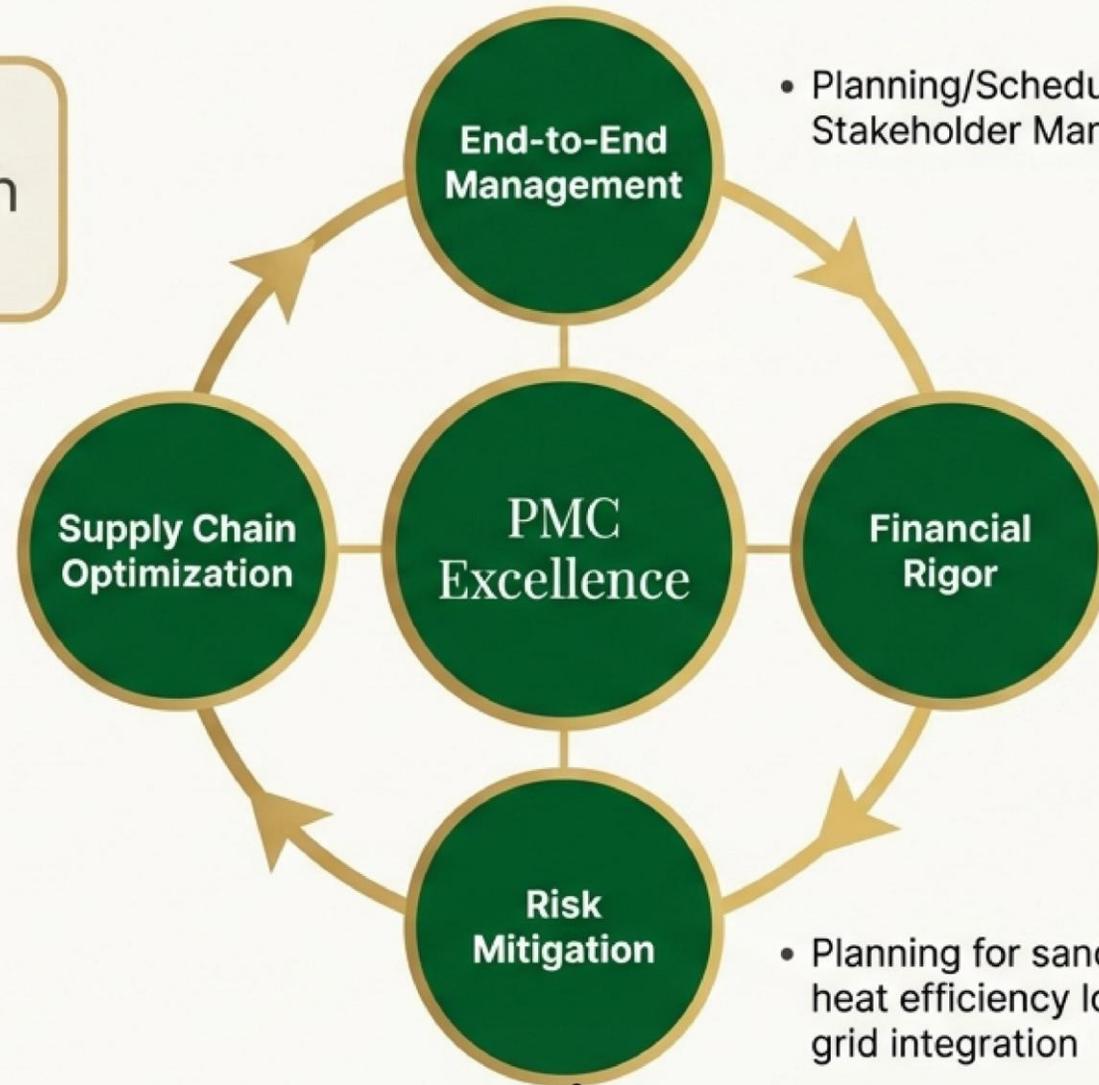
Integrating digital twins and AI into energy assets.

# Project Management Consultancy (PMC)

Delivering Gigaprojects on time and on budget

**Managing scale:**  
2.6 GW Al Shuaibah  
& 1.5 GW Sudair

- Logistics for import-heavy components (e.g., 4.5m modules for Sudair-scale projects)



- Planning/Scheduling (Primavera), Stakeholder Management

- Lifecycle Costing and Sustainability-focused Bill of Quantities

- Planning for sandstorms, heat efficiency losses, and grid integration

# Technical Expertise: Engineering for Resilience

24/7 Clean Energy in a Desert Environment

## The Red Sea Benchmark

1000MWh storage facility enabling 100% renewable power, day and night.

## Asset Optimization

Addressing "Soiling Losses" with automated cleaning based on K.A.CARE data.

## Hybrid Configuration

Solar + Wind + Storage integration for off-grid resilience.



# Workforce Development & Saudization

Building a Future-Ready National Workforce



**VR/AR Training:** Risk-free virtual site management and solar installation.



**Knowledge Transfer:** Structured expert mentorship for Saudi nationals.



**Job Creation:** Supporting the 1,200+ jobs generated by projects like Sudair



**Nitaqat Compliance:** Meeting Saudization requirements through skills development.

Aligned with the Human Capability Development Program.

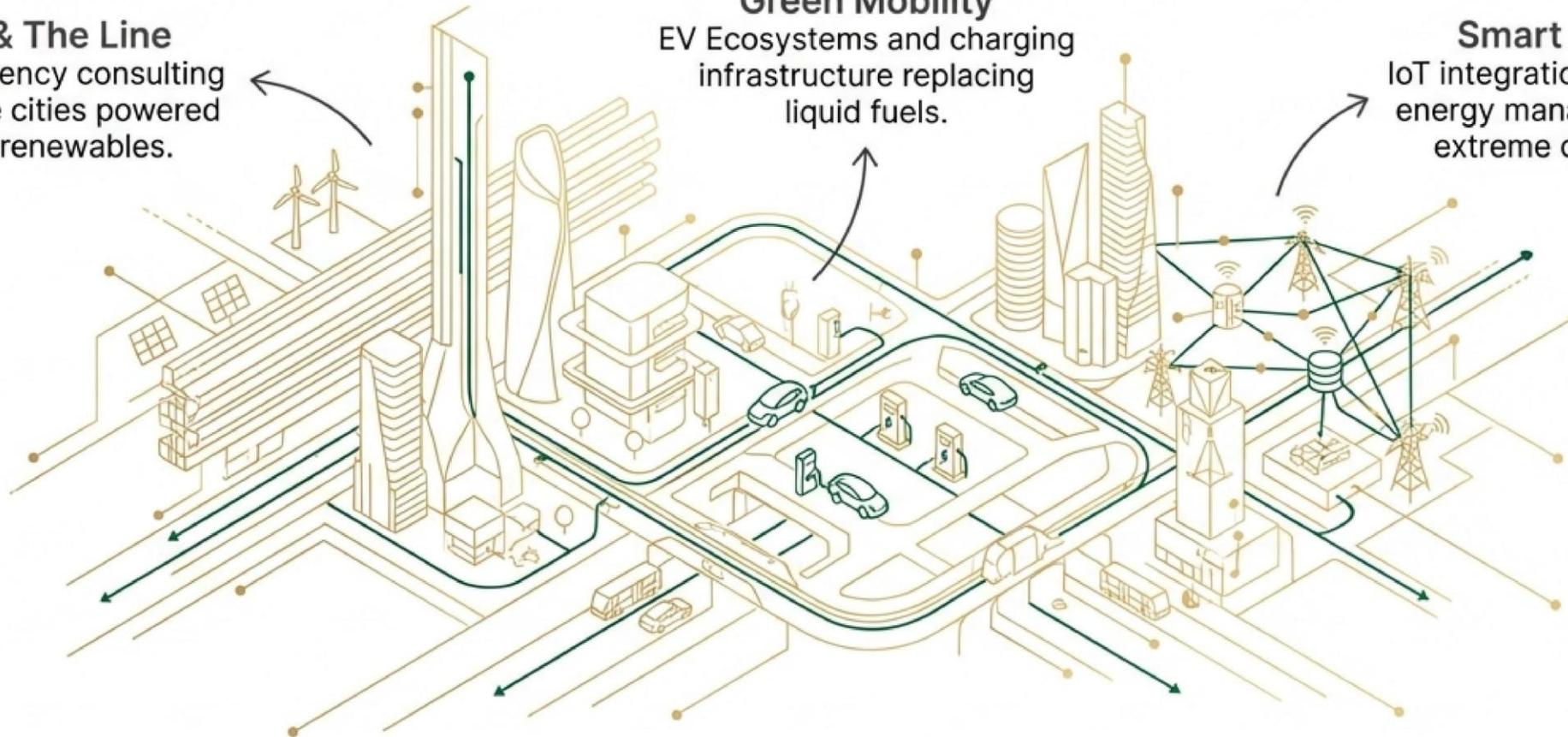
# Smart Infrastructure & Urban Evolution

Supporting the infrastructure that powers the Kingdom's Giga-destinations.

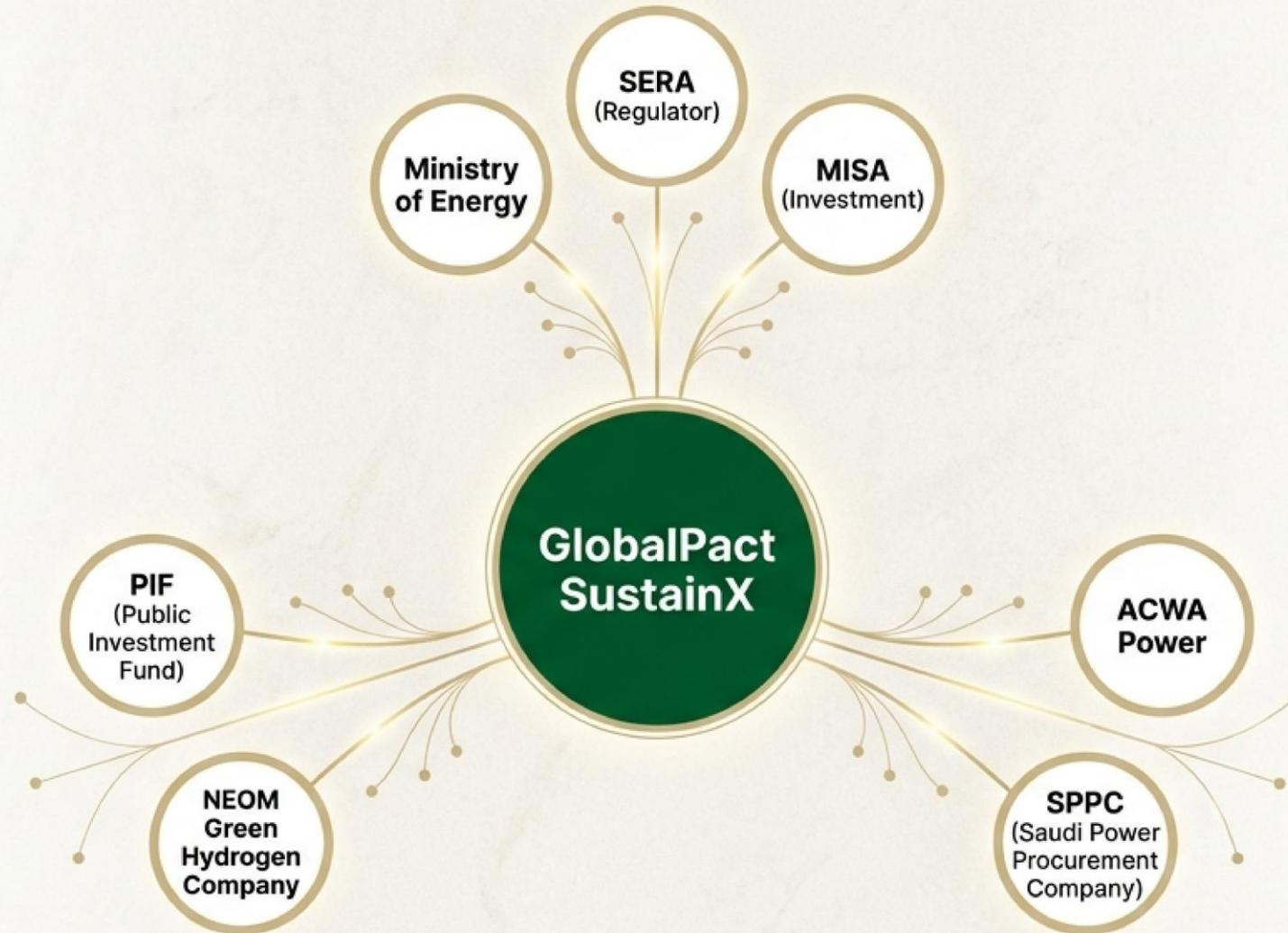
**NEOM & The Line**  
Energy efficiency consulting  
for cognitive cities powered  
100% by renewables.

**Green Mobility**  
EV Ecosystems and charging  
infrastructure replacing  
liquid fuels.

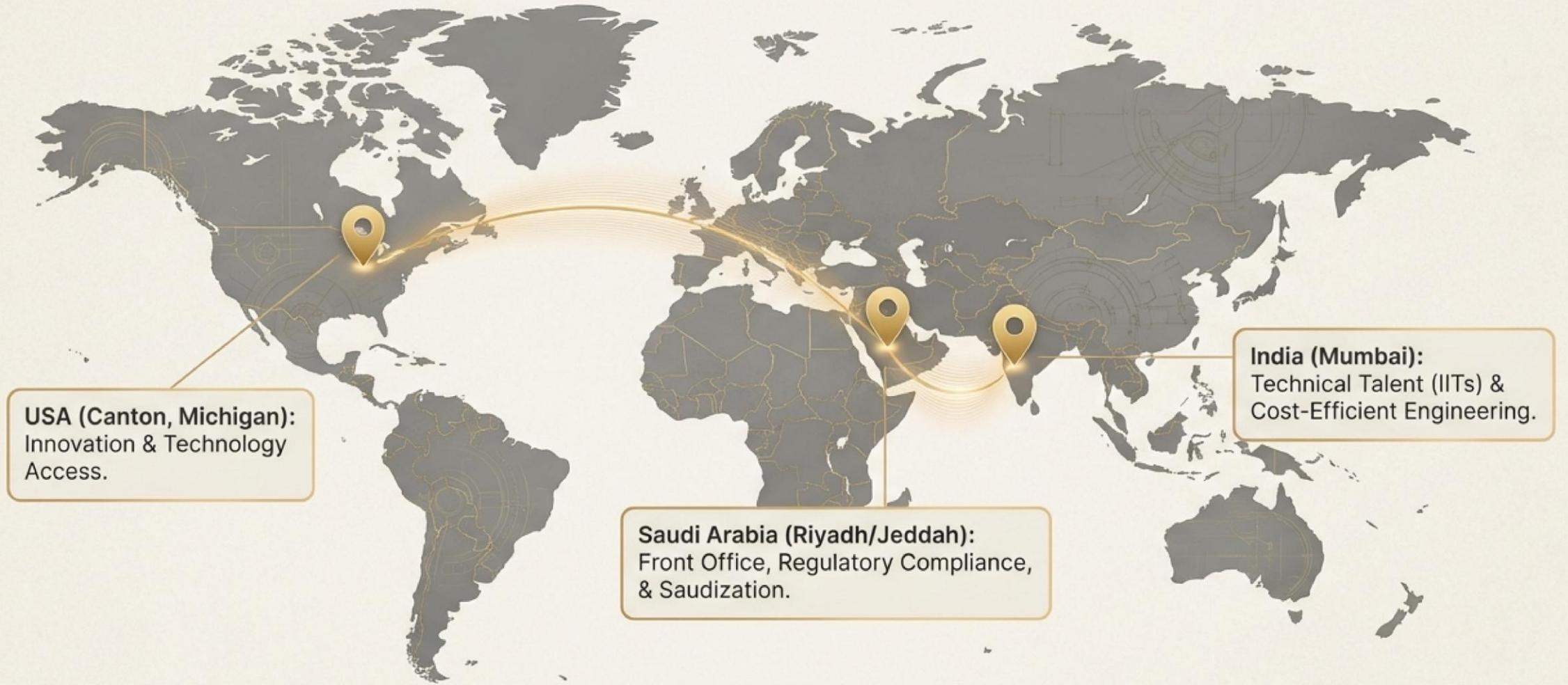
**Smart Grids**  
IoT integration for urban  
energy management in  
extreme climates.



# Integrated into the Saudi Ecosystem



# Global Expertise, Local Presence



International standards delivered with deep local context.

# Strategic Advisory & Regulatory Navigation

De-risking investment through deep regulatory compliance.

## SERA Compliance



Navigating the 'Regulatory Framework for Self-Consumption', including Connection Agreements and Net Billing.

## MISA Licensing



End-to-end support for Ministry of Investment licensing and commercial registration.

## Site Optimization



Utilizing K.A.CARE 'Renewable Resource Atlas' for optimal DNI and dust mitigation planning.

# Appendix: Navigating SERA Frameworks

## Regulatory Framework for Renewable Energy Generation for Self-Consumption.



# Executive Management

## Mr. Umar Siddiqui Managing Director

Global Entrepreneur & Social Reformist. The Managing Director of GlobalPact International Holdings specializes in business and technology management. He has managed large software design and development teams in Fortune 500 companies. He is on the board of Singapore based Global Source Media & Technology Investments Pte limited. Founder President of the Anti-Corruption Academy (ACA) & national think tank "Idea of India Foundation." Extensive global experience with major organizations like Universal Studios, Shapoorji Pallonji, and Abu Dhabi Investment Company. Promoter of WorldHub City, an upcoming integrated township in Navi Mumbai.

## Dr. Saad Alam President

Strategist at the intersection of AI, Renewable Energy, and EV. PhD from USA; 10+ years in US automotive industry (Chrysler, Ford, GM) leading AI-enabled EV infrastructure. Founded the Center for Advanced Research in Electrified Transportation at AMU. Advisor to Fortune 500s and Government bodies on energy economics and workforce readiness beyond 2030.

## Dr. M. A. Mufazzal Chief Consultant

PhD in Corporate Communication. Specializes in strategies aligning with UN SDGs 7 and 13. Speaker at the United Nations General Assembly (2014) on global citizenship and sustainable development. Advisor to the Anti-Corruption Academy and Idea of India Foundation.

# Advisory Board

- **Reji Kumar Pillai** - President, India Smart Grid Forum; Chairman, Global Smart Energy Federation
- **Prof. Somitra Sanadhya** - Professor, Wadhvani School of AI and Intelligent Systems, IIT Kanpur
- **Dr. Ali T Alouani** - Professor, Tennessee Tech University, USA
- **Simon Kehimkar** - Manager, General Motors, USA
- **Dr. Aqueel Ahmad** - Manager, Switch Mobility, Ashok Leyland
- **Ali Al Duaij** - Manager, KOC, Kuwait
- **Dr. Samir Al-Shariff** - Taibah University, KSA
- **Prof. Jamil Asghar** - Center of Advanced Research in Electrified Transportation (CARET), India
- **Dr. Rakan Chabaan** - Senior Manager, Hyundai Kia, Michigan, USA
- **Ms. Sharon Szylamon** - Renewable Energy Advisor

# Let's Build the Sustainable Future of the Kingdom

Partner with GlobalPact SustainX to turn Vision 2030 into on-the-ground reality.

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# Transforming Ambition into Energy

GlobalPact SustainX

