

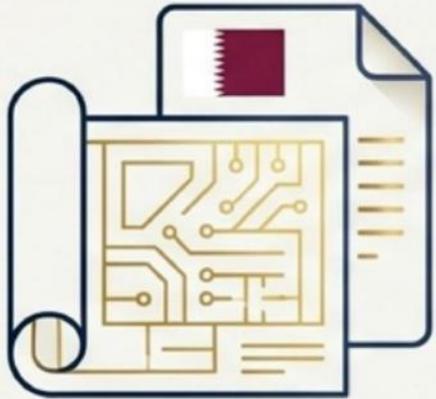


# GlobalPact SustainX

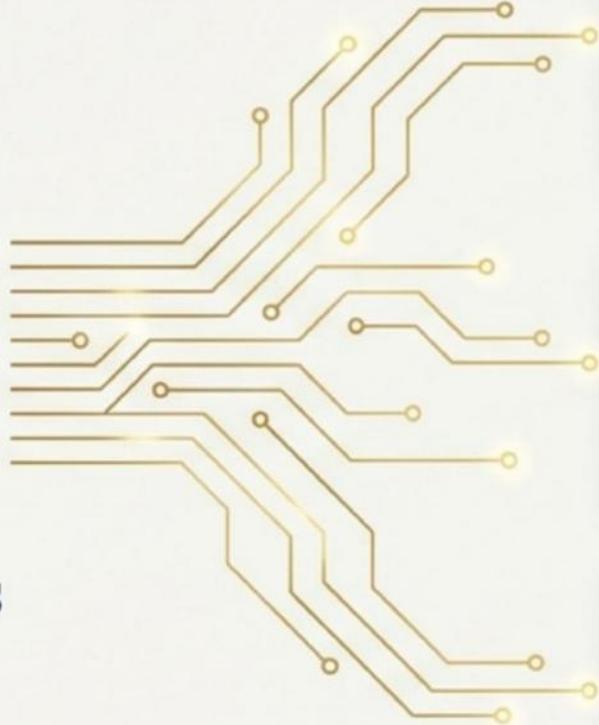
Advising strategy. Project management. Building capability.

USA | QATAR | INDIA

# Bridging Vision 2030 with Execution Realities



Vision Documents



## Sustainable Resilience

Energy transition with hydrocarbons. Asset optimization and market leadership.



## Infrastructure Evolution

Post-World Cup momentum shifting toward Smart Cities, EV Ecosystems, and Utility-Scale Solar.



## Digital Sovereignty

Utilizing IoT for urban management and operational efficiency.

The QNV 2030 drives a delicate balance: transitioning to sustainability without compromising the hydrocarbon-based economic backbone.

# GlobalPact SustainX: Building Qatar's Sustainable Future

## Our Core Services: From Strategy to Capability



### Strategic Advisory for Energy Transition

We develop plans for decarbonization, hydrogen strategy, and green finance to ensure energy security.



### Excellence in Project Management (PMC)

We ensure international standards, budget control, and timely delivery for complex mega-projects.



### Building a Future-Ready Workforce

We close the critical skill gap with training enhanced by modern simulation and technology tools.



### Global Expertise, Local Presence

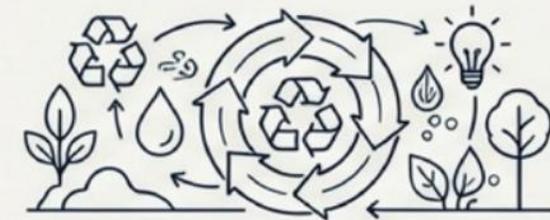
A unique combination of US technology access, Indian technical talent, and deep Qatari context.

## Our Strategic Advantage



### Beyond Consulting: From Vision to Value

We don't just advise; we execute projects and build sustainable local capacity for the long term.



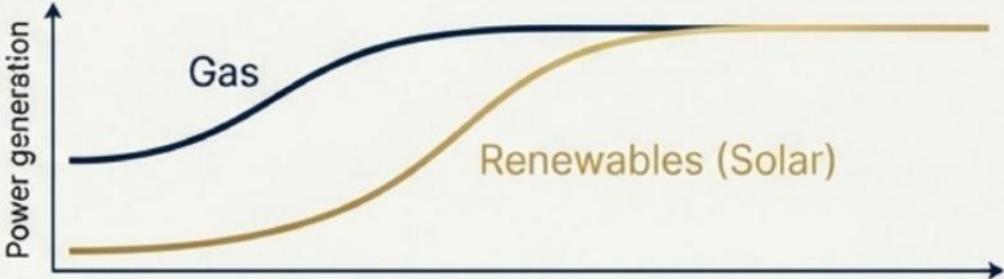
### Driving the Circular Economy

Providing advisory on waste management and resource recovery to minimize environmental impact.

# Strategic Advisory & Energy Transition

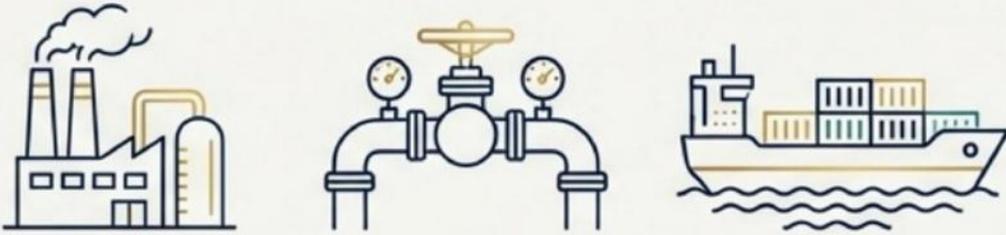
Ensuring Energy Security while navigating Decarbonization.

## National Priorities



Integrated energy mix planning aligning Renewables (Solar) with Gas economies. Balancing immediate security with future sustainability.

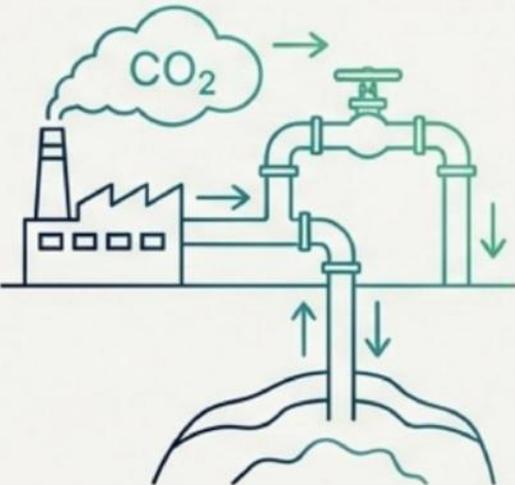
## Hydrogen Strategy



Technical positioning on Blue vs. Green Hydrogen. Export corridor analysis and industrial demand aggregation.

## Sustainable Frameworks

Net-Zero & CCUS: Carbon management for LNG operators and heavy industry. Focus on Scope 1-3 emissions and Carbon Capture, Utilization, and Storage feasibility.



## Green Finance

Structuring bankable projects. ESG risk assessments and accessing international climate capital.



# Project Management Consultancy (PMC)

Ensuring international standards, budget control, and timely delivery



# Renewable Assets & Smart Infrastructure

Engineering the physical assets of a sustainable Qatar.

## Utility-Scale Solar (Desert Context)

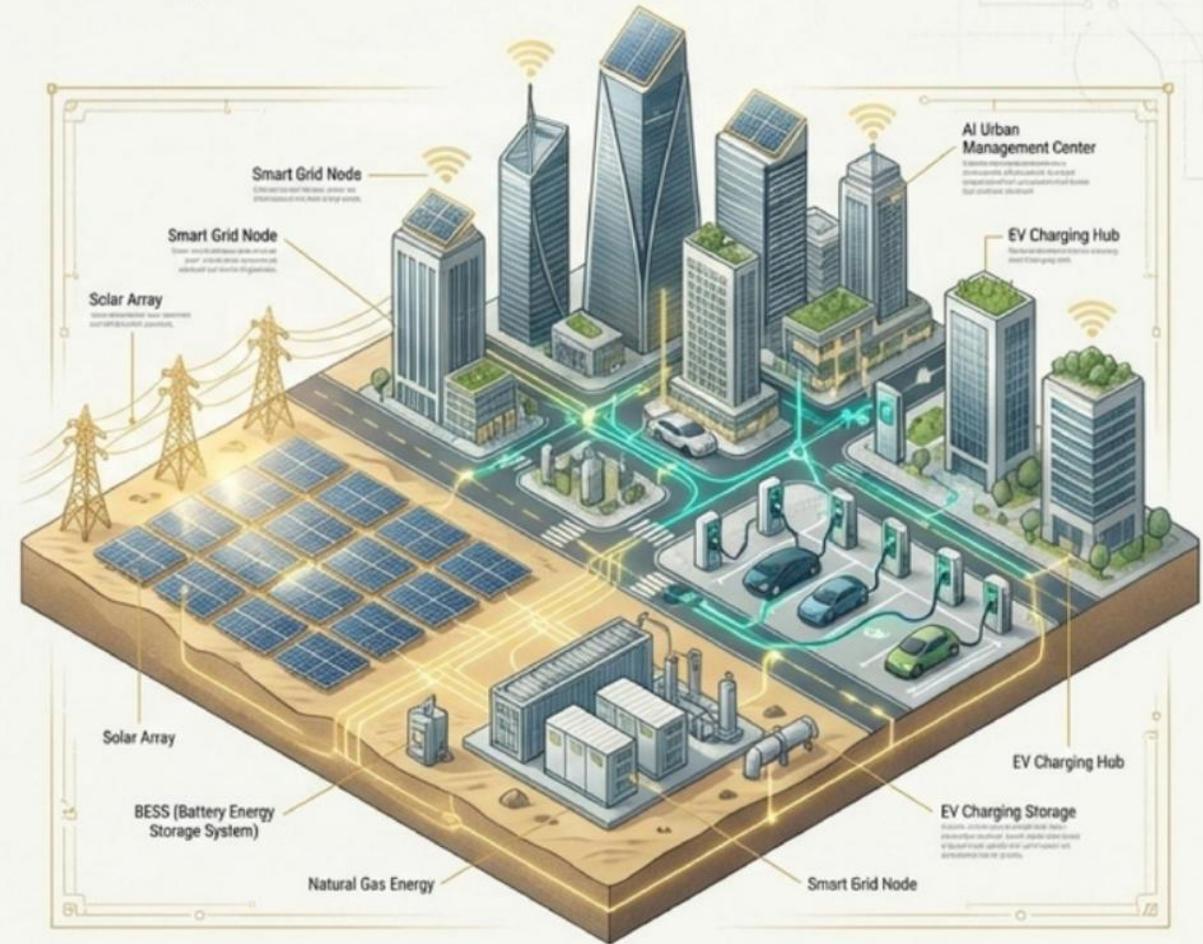
- Addressing solar intermittency and dust/heat degradation.
- Hybrid plant configuration (Solar + Gas + Storage).
- Grid integration strategies.

## The EV Ecosystem

- Infrastructure development (Charging Stations).
- Policy & Regulation formulation.
- Vehicle-to-Grid (V2G) implementation.

## Smart Cities & IoT

- AI integration for urban management.
- Load balancing and energy efficiency in extreme climates.



# Design Management & Quality Assurance



## Design Management



**Integration:** Incorporating PV, HVAC, and storage into architectural concepts.



**Modeling:** Energy simulation for reduced operational carbon.



**Compliance:** Adherence to LEED, BREEAM, and Estidama standards.



**Green Buildings:** Passive cooling strategies.



## Quality Control (QA/QC)



**Testing:** Routine inspections of solar/wind systems.



**Standards:** Ensuring IEC/ASHRAE compliance.



**Audits:** Documentation and performance verification.

# Circular Economy & Lifecycle Management

Closing the loop on renewable resources and sustainable infrastructure



## Recycling of Renewables

Strategies for the end-of-life management of renewable assets. Specialized recycling processes for Solar PV panels and EV Batteries to recover critical minerals and minimize hazardous waste.

## Sustainable Cooling

Feasibility studies for District Cooling and high-efficiency technologies. CAPEX-OPEX optimization for real estate developers.

## Circular Economy Advisory

Advisory on waste management, resource recovery, and minimizing environmental impact in construction.

# Future-Ready Workforce Development

Human-led capacity building empowered by AI intervention and next-gen tools.

**The Challenge:** Qatar faces a critical skill gap in emerging technologies where traditional training is too slow for the pace of innovation.



**Hardware-in-the-Loop (HIL) or Human-in-the-Loop training.**  
VR/AR integration for risk-free virtual site management.



**Personalized Learning Paths**  
Custom modules for technicians (e.g., Solar installation) based on skill analysis.



**Digital Learning Hub**



**AI Intervention**  
Using AI tools for real-time feedback and performance data correction during training—making the workforce adaptable to Industry 4.0.



**Microlearning**  
Continuous, on-the-go modules for agile development.

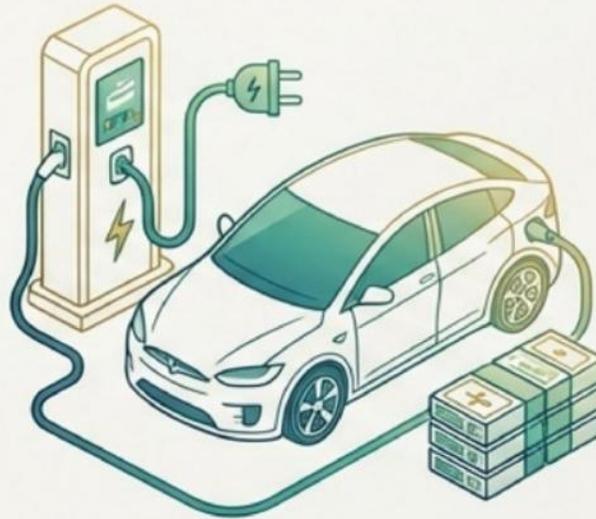
# Comprehensive Curriculums for Critical Sectors

## Renewable Energy



- Solar/Wind technician training.
- Sustainable Design for Architects.
- Battery Storage systems.

## Electric Vehicles (EV)



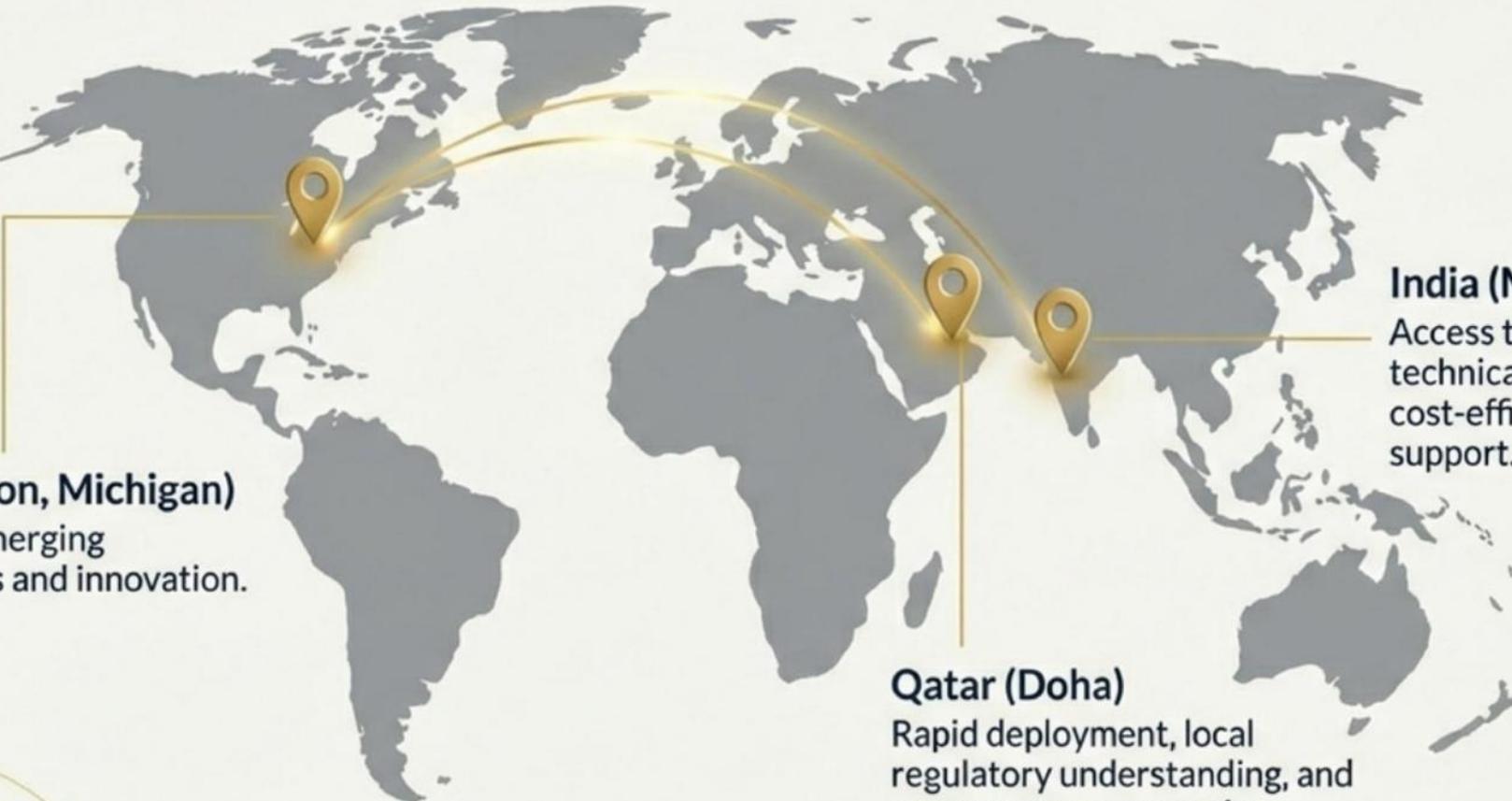
- Maintenance & repair for mechanics.
- Charging Station Management.
- Battery Technology.

## Digital & Smart Cities



- Data Science & Machine Learning.
- Cybersecurity for IoT.
- Project Management (Agile/PMP) for sustainability.

# Global Expertise, Local Presence



**USA (Canton, Michigan)**  
Access to emerging technologies and innovation.

**Qatar (Doha)**  
Rapid deployment, local regulatory understanding, and context-aware execution.

**India (Mumbai)**  
Access to top-tier technical talent (IITs) and cost-efficient backend support.

# Strategic Differentiation

We are the bridge between Vision and Value.



## Beyond Consulting

We don't just advise; we execute (PMC) and build capacity (Training).



## Beyond Greenwashing

We focus on 'Asset Optimization' and "Economic Resilience," not just rhetoric.



## Beyond Borders

International standards applied with deep respect for local context.



## Future-Proof

The only partner offering workforce development that integrates AI intervention to ensure long-term project sustainability.

# 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



## **N Iqbal Nomani**

Corporate Advisor, GlobalPact International  
Holdings

# Let's Build the Sustainable Future of Qatar.

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

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