# Capability and Offering

**Energy and Power** 





### **KSHITIZ AGARWAL**

**15+** 

25+

**Partner and Clients** 

30+

Years of Experience

Large Scale Projects and Strategies

### Our market experience



#### **Clients and Employers**





























### **Founder and Principle**



Kshitiz applies First Principles thinking to solve complex challenges at their core. He delivers deep technical, economic, strategic and execution expertise across the full energy value chain — from power generation and hard-to-abate sectors to low-carbon fuels and regulatory frameworks. He drives value for our clients through:





### **Capability Statement**

KA Advisors provides Independent consultancy services. We operate as Subject Matter Experts across the energy and infrastructure sectors.

#### We are good at:

We supporting our client's business decisions by:

- Validating key assumptions
- Identifying and evaluating risks
- Providing assurance at every stage

We ask right question and deliver practical, actionable outcomes.

#### Why KA Advisors:

- Access to network of subject matter experts globally.
- In-depth knowledge across Energy Ecosystem and its key interdependencies.
- Holistic, end-to-end approach backed by global delivery experience.
- Proven expertise in energy policy, strategy, and transformation across the entire energy value chain.

### **Partners and Association**

















### **Energy Transition Sector**

### **Energy Sector**



#### **Cross Sector**

#### Generation



- Wind
- Solar
- Hybrid Renewable Energy Systems
- CCGT / OCGT
- Biomass
- Energy-from-Waste
- Combined Heat and Power
- Tri-Generation

#### **Transmission & Distribution**



- Policy and Regulations
- Network and Market Codes
- Capacity Auctions
- Energy Security of Supply
- Renewable Auctions

#### **New Energy**



- Storage
- Flexible Technology
- Power to X to Power (Utilization)
- Bio-Fuel Production
- Demand Side Management
- Carbon Capture Utilization and Storage

#### **Cross Market Solutions**



- Digitalization
- Decarbonization of
  - Aviation
  - Ports and Logistic
  - Hard to Abate sector
  - Manufacturing
  - Data Centers (Digital Infrastructure)

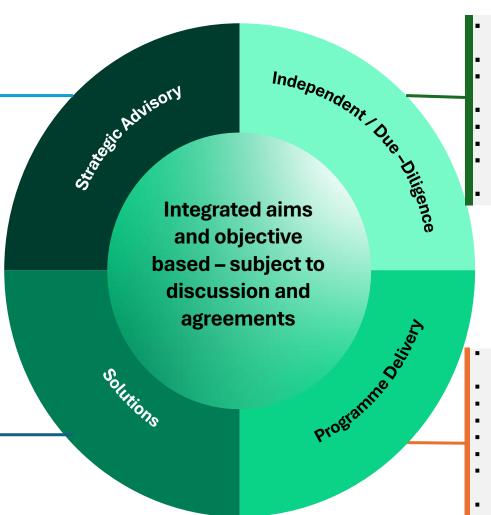
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### **Key Services**

- Policy & regulator impact advisory
- Gap assessment and optioneering
- Business case & economic
- Market Intelligence and horizon scoping
- Pathfinder studies
- Funding applications
- Public Auctions proposal preparation
- Strategy formulation

- Asset management and assurance
- Solutions and transformation
- Decarbonization pathways
- Technological optioneering and strategy
- Portfolio optimization
- Integrated energy resource planning
- Business hedging
- Energy purchase agreement



- Independent reviews and recommendations
- Project and costing due diligence
- Project and technology maturity assessment.
- Asset<sup>1</sup> valuation review
- Asset<sup>1</sup> performance Review
- Asset<sup>1</sup> life assessment review
- Commercial and technical duediligence
- Innovation Appriasal

- Development & investment review and recommendation
- Delivery & governance pathway
- Procurement & contracts
- Supply chain optimization
- Project and program management.
- Review and assurance
- Contractual dispute independent assessment.
- Investor / lender engineer
- Innovation Management

#### **Clients:**

- Government
- Regulatory Authorities
- Developers
- Investors
- Lenders
- Market Operators
- Utilities
- Hard-to-Abate
  Industries
- Technology Provider
- Contractors

<sup>1</sup> Non – Financial and energy assets

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In real life, I assure you, there is no such thing as algebra. – Fran Lebowitz



