

CAPABILITY STATEMENT

Juru Energy is the largest independent engineering and consulting energy-sector firm operating in Central Asia. Here at Juru, we care a great deal about meeting our Clients' needs and help them address their energy challenges. Our primary focus is on power systems and transition to cleaner energy. We draw upon our extensive expertise in technical, economic, financial, environmental, social and procurement fields.

ABOUT



Juru Energy was founded in 2015 in the United Kingdom and Uzbekistan by Botir Gafurov.



As of 2021, we employ over 100 people, 60 of which are FTEs.



We have worked on more than 60 high-profile assignments, serving international development organizations, national governments, utility companies, private and public corporations, project developers and investors.



We operate in Uzbekistan, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Afghanistan, Azerbaijan, Cambodia and Maldives.

TECHNOLOGIES

Development and implementation of a high-quality power project is a complex process that requires many factors to be taken into account. At Juru, we aim to provide uncompromised support during the whole process and be a technology & engineering partner you can trust. Since our foundation, we have worked on over 50 high-profile international assignments in wide range of disciplines.

We have expertise in the following key technologies:

- Efficient thermal technologies
- Solar photovoltaic power
- Wind power
- Bioenergy
- Small hydropower
- Hybrid systems
- Electrical grid systems
- Energy efficiency
- Energy storage systems
- Distributed energy resources (DER)

For each technology and engineering discipline, we use industry leading, state-of-the-art tools and software packages.

Juru Energy Limited

Mr. Hushnudjon
Rahimberganov (Director)

Mr. Botir Gafurov
(Managing Director)

Legal Form

Limited Liability Company

Registration

No. 9677085
VAT No: GB231079825

Ownership

Privately Owned

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100077

SERVICES

Juru Energy serves its clients across the entire project cycle, with activities ranging from planning, to procurement, engineering design and implementation supervision. Juru provides core services across a number of key disciplines in the energy sector, as elaborated below.

Expertise	Key services / competencies
 <p>Energy Systems Advisory</p> <p>We support governments, utilities, financial institutions and private investors in sustainable energy transition, through economic and regulatory support, system planning, market and investment analysis, transaction support, utility reform strategy, etc.</p>	<ul style="list-style-type: none">• Energy planning and markets• Transaction advisory and due diligence• Utility strategy and business planning
 <p>Smart Power Systems</p> <p>During the project development stage, we provide our clients with a full range of power-systems-related services, including feasibility studies, adapting our extensive international experience to the local power sector context.</p>	<ul style="list-style-type: none">• SCADA/EMS/Telecom/ RTU systems Pre-Feasibility and Feasibility Studies• Power Evacuation Studies• Grid Compliance Studies• Energy Storage Integration Studies• Electromagnetic Transient (Switching) Studies• Power Quality Studies• Dynamic Stability Studies• HV and EHV facilities (OHTL and AIS) Pre-Feasibility and Feasibility Studies• HV and EHV primary equipment sizing studies
 <p>Environmental & Social</p> <p>We have a clear understanding of the intricate processes, standards and regulations underpinning EIA projects nationally and ESIA projects internationally, with our dedicated E&S team well-versed in conducting environmental due diligence, stakeholder engagement and strengthening public participation, as well as various E&S surveys, such as assessment of land use, soil contamination, biodiversity, air quality, noise, and risks from climate change.</p>	<ul style="list-style-type: none">• Environmental due diligence and audits• Land use assessment• Contaminated soil assessment• Air quality and noise modelling• Biodiversity impact assessment• Climate change risk assessment• Environmental & social impact assessment• Strategic environmental & social assessment• Environmental permitting• Environmental, health & safety (EHS) studies
 <p>Power Generation</p> <p>Focused on helping lower the carbon intensity of the generation sector, we provide uncompromised support during the design, development and implementation process for all the key power generation technologies.</p>	<ul style="list-style-type: none">• Efficient thermal power• Solar power• Wind power• Hydropower• Hybrid systems
 <p>Transmission & Distribution</p> <p>We have broad expertise in all major technologies and deep understanding of international and local design codes. We have the design, cost engineering, system analysis, economics and environmental know-how to deliver the projects.</p>	<ul style="list-style-type: none">• Generation and utility substations• Digital substation automation using IEC 61850• Transmission & distribution lines• Electrical power supply systems
 <p>Civil Engineering and Surveying</p> <p>Proper civil engineering design is important for ensuring the long-term stability of various structures. At Juru, we have a dedicated team focused on civil architectural, structural and foundation design as well as ground engineering aspects of our power projects.</p>	<ul style="list-style-type: none">• Civil engineering• Geotechnical investigation and topographical surveying• Foundation design• Civil structure assessment• Hydrological assessment• Flood risk assessment• Seismic risk assessment• Surveying, mapping and spatial

VISION STATEMENT

Our vision is to create positive change in people's lives through transformation of the energy sector towards sustainable energy future.

Juru Energy strives to shape the energy sector for generations to come, through helping governments and businesses in their transitions to sustainable energy.

MISSION STATEMENT

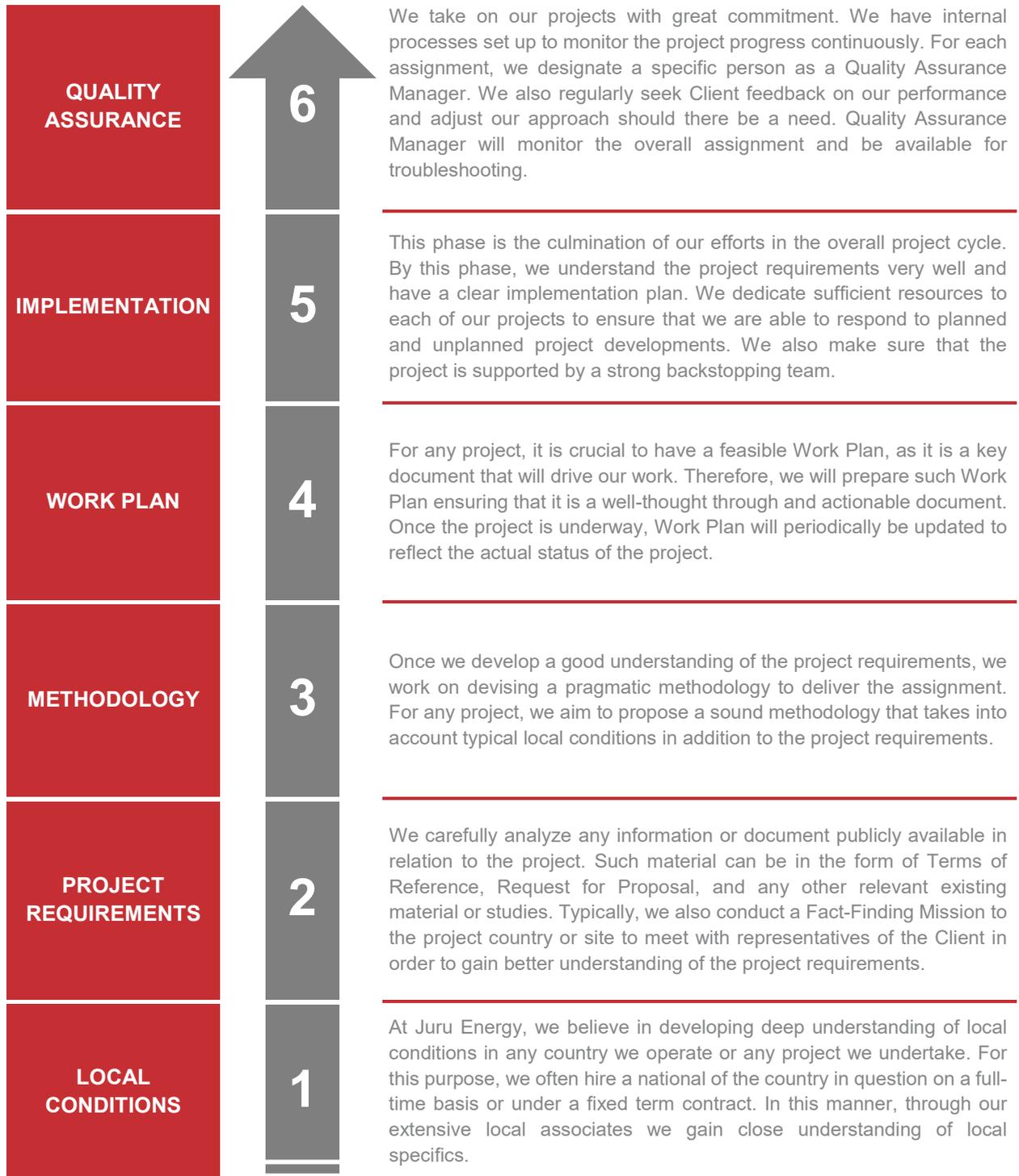
Juru Energy is defined by its core values which help us to realise our vision.

We are **Passionate** about what we do. We are **Performance**-driven. We are **People**-oriented.

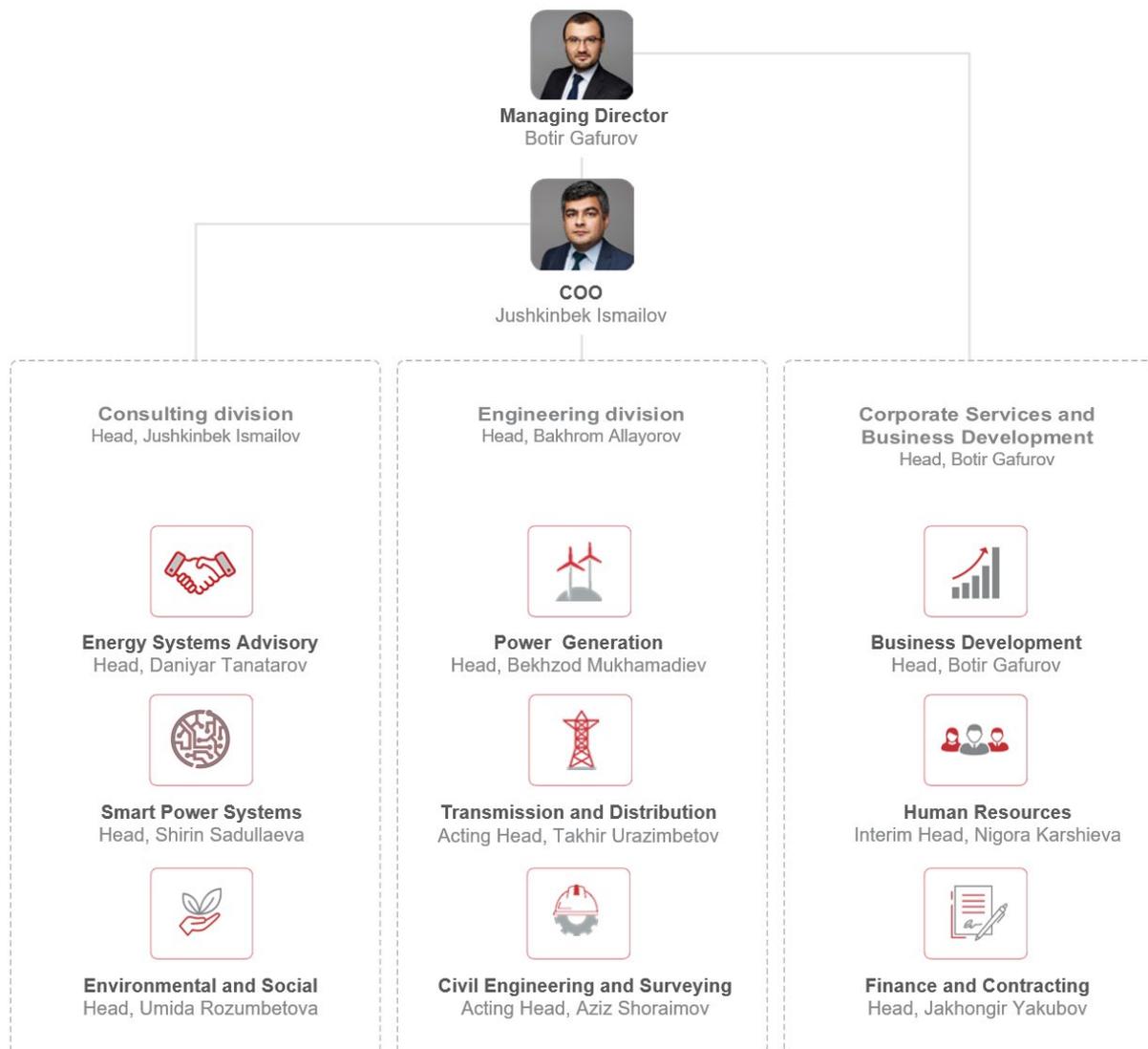
Passion	Performance	People
 <p data-bbox="209 1028 569 1122">We approach all our assignments with passion and commitment.</p>	 <p data-bbox="619 1001 946 1149">We are a solution-oriented company, where individual employees and operating policies are geared towards performance.</p>	 <p data-bbox="1002 1001 1353 1149">We firmly believe our efforts and the attained success should ultimately serve the communities and populations where we operate.</p>

OUR APPROACH

At the heart of our approach to any project we undertake is a 6-step Bottom-Up Approach:



ORGANIZATIONAL CHART



CLIENTS

Our key target clients are national governments, energy utility companies, private and public corporations, project developers, investors and EPCs. Among our top clients are:

National government agencies and energy utilities:

- Ministry of Energy of Uzbekistan
- National Electric Grid of Uzbekistan (NEGU)
- Public-Private Partnership Development Agency of Uzbekistan (PPDA)
- Kazakhstan Electricity Grid Operating Company (KEGOC)
- Da Afghanistan Breshna Sherkat (DABS)

International Financial Institutions:

- Asian Development Bank (ADB)
- European Bank for Reconstruction and Development (EBRD)
- International Finance Corporation (IFC)
- World Bank (WB)

Developers:

- Abu Dhabi Future Energy Company PJSC (Masdar)
- ACWA Power Global Services
- Jinko Power Technology Co.
- Samsung C&T

EPCs:

- China Gezhouba Group Corporation (CGGC)
- SEPCO III Electric Power Construction

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