

# UTA

**Engineer the  
Excellence**

Company Profile:  
Energy and OE services



# Summary

UTA is a distinguished engineering consultancy firm headquartered in the United Kingdom, with one of representative offices situated in Kyiv. The firm boasts a robust operational presence throughout Eastern Europe and Central Asia, alongside a global outreach. UTA is committed to providing strategic, innovative, and seasoned expertise in the realm of engineering and management consultancy services.

The firm's breadth of expertise is notably expansive, enabling the execution of multifaceted projects and the provision of astute engineering solutions across a diverse spectrum of sectors. This includes, but is not limited to, energy, water management, information technology, and the deployment of smart technologies.

# ABOUT US



## MAIN OFFICES

Edinburgh, Scotland, UK (HQ)

### **Kyiv – Ukraine, Eastern Europe Office**

Bacău, Romania - Central and Southern Europe Office,  
Tashkent, Uzbekistan – Central Asia Office



## STAFF

60+ permanent staff



## PROJECT AREA FOCUS

Europe, Central Asia – a whole spectrum of services focused on investment projects implementation

EU - EU quality, TOP EU consultancy companies as the partners  
African & Middle-East countries

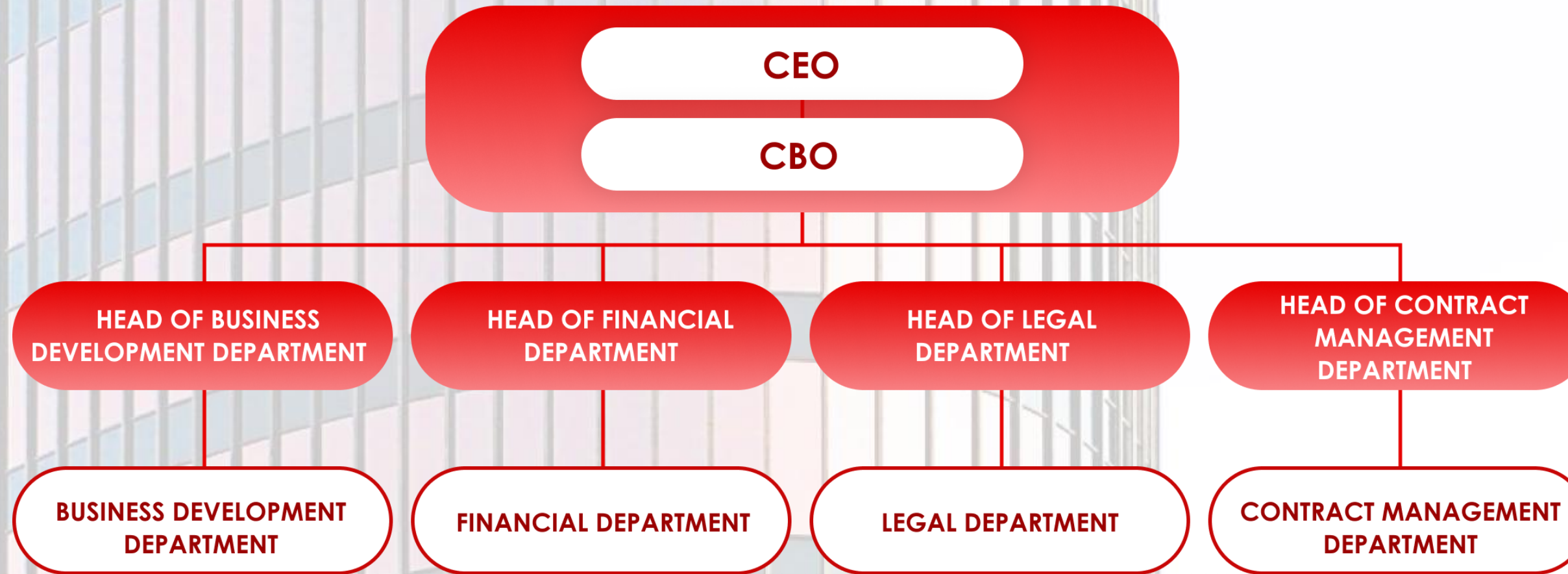


## QUALITY MANAGEMENT PROCEDURES

ISO 9001:2015



# MANAGEMENT BOARD



# MATRIX STRUCTURE



# SECTORS OF OPERATION

## ENERGY



- T&D (Transmission & Distribution)
- Power Plants
- Renewables (wind, PV, bio)
- Storage
- P2X, X2P
- District Heating,
- Energy Efficiency (buildings, industry)
- others;

## WATER



- Water resources
- Water supply
- Wastewater treatment and sanitation

## MUNICIPAL INFRASTRUCTURE



- Street Lighting
- Transport (incl. railway)
- Civil Construction
- Waste management

## ENVIRONMENTAL AND SOCIAL EVALUATION



- Including Environmental and Social Action Plan

## IT



- (E-learning)

# UTA'S SECTOR-SPECIFIC SERVICES AND EXPERTISE

1

## PROJECT MANAGEMENT

- Startup evaluation and business modeling,
- Feasibility Studies,
  - Planning,
- Implementation

2

## PROCUREMENT

- Tender Dossiers Preparation,
- Procurement Support (international rules – World Bank, EBRD, NEFCO, FIDIC, EIB, ADB)

3

## ENGINEERING

- Preliminary & Detailed Design,
- Modelling (power networks, DH and water systems)

4

## FINANCIAL MANAGEMENT

- Contract management,
  - Disbursement,
- Project accounting

5

## ESIA, ESMP, ESAP

- Preparation and review of environmental studies

6

## PROJECTS IMPLEMENTATION SUPPORT AND CAPACITY BUILDING

- Dedicated PIU support,
- Stakeholders engagement

7

## DUE DILIGENCE

- Operational projects,
  - Ready-to-build,
    - Greenfield,
- Generation (RES) and other objects

8

## CONSTRUCTION SUPERVISION & OWNER'S ENGINEER

- Owner's Engineer,  
Technical supervision (including certified supervisors),  
Claim management



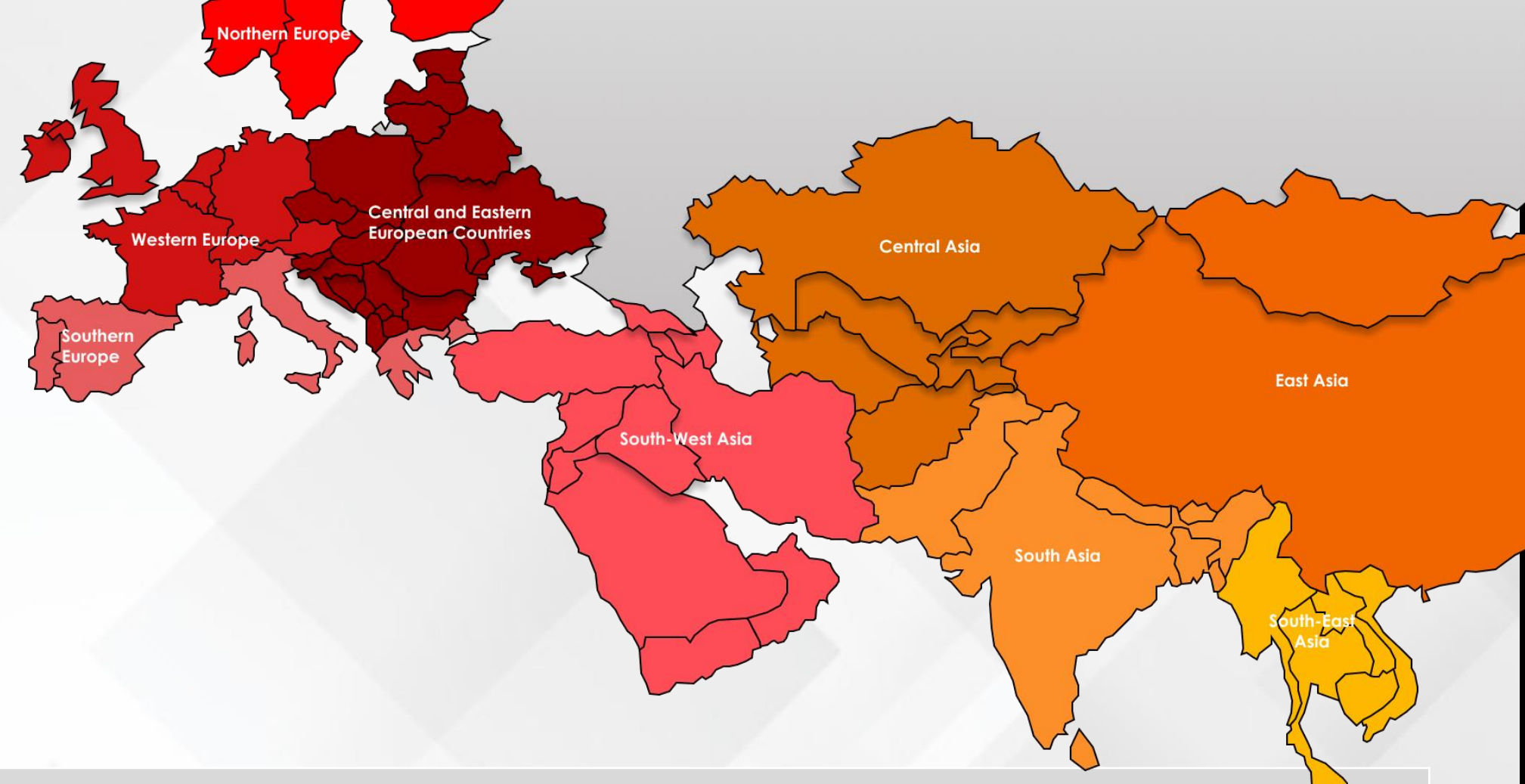


# LOCATIONS

# 01.



# MARKETS



## MAIN MARKETS

|  |  |   |
|--|--|---|
|  | Central and Eastern European Countries | Historically main area of focus and region of growth, vast majority of implemented projects located in the area, significant RES portfolio and portfolio of IFI projects dealing with PIU support, Design, Owner's Engineering and other sectors. |
|  | Central Asia                           | Second main focus market, existing projects in District Heating, T&D, Street Lighting, RES and Water Sectors (Procurement Support, Owner's Engineering, Due Diligence)  |

## OTHER MARKETS OF INTEREST

|  |   |  |
|--|---|--|
|  | Western Europe,<br>Northern Europe<br>Southern Europe | Due diligence and technical advisory services, private clients |
|  |   |  |
|  | East Asia   | Technical advisory, Heat sector                                |
|  | South-East Asia                                       | Energy Transition Sector Development Projects                  |
|  | South-West Asia                                       | Technical assistance in Water sector (ICRC)                    |



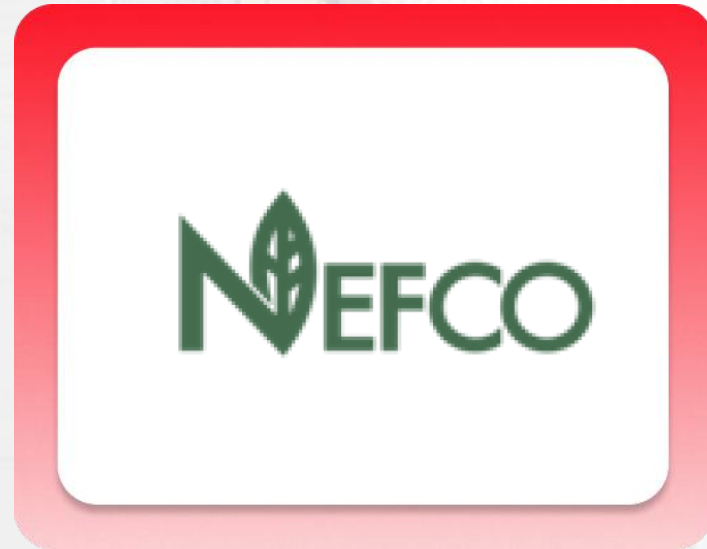
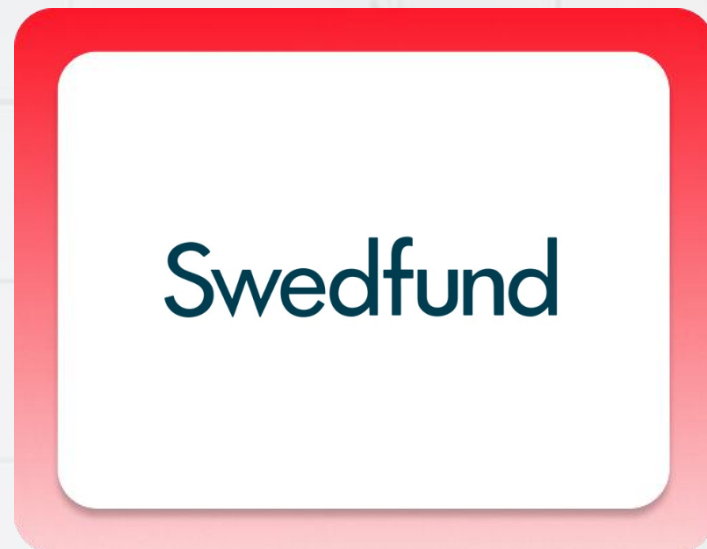




**CLIENTS – IFI**

**02.**

# IFI EXPERIENCE





**OE SERVICES**  
**(multisector)**

**03.**

# OTHER SECTORS, SAME SERVICE, SHOWCASES

RELATED TO TDD & OWNER'S ENGINEERING

| Owner's Engineering projects by sector |  |
|--|--|
| T&D                                    | 500 kv OHL construction  |
| Conventional Generation                | 50 MW Gas Engines CHP; 20 MW Steam Turbine CHP; Multiple district heating projects                                       |
| Water                                  | Multiple projects in water & wastewater infrastructure (water treatment, wastewater treatment, water transmission mains) |
| Lighting                               | 4 large (city-wise) street lighting project (>10 mio EUR each)   |
| Rail                                   | Rehabilitation of Railways   |

FIDIC books under consideration/implementation: Silver, RED, YELLOW, GREEN, PINK, WHITE





**RES**  
**PORTFOLIO**

**04.**



Clients:



# UTA in RES sector

## Portfolio of projects:

4+ GW portfolio in private RES projects in Ukraine, Europe and Asia at various roles:

- owner's technical advisor, owner's engineer,
- lender's technical advisor,
- due diligence consultant,
- ESIA Consultant,
- grid consultant.

UTA is being present in the vast majority of Wind Projects under construction or development in Ukraine (at different roles) as well as in significant number of Solar developments.

As a Consultant rendered services for a projects owned by DTEK Renewables, Energy (as a consultant of JP Morgan), China Energy Investment, Elementum Energies, UDPR, SCATEC, NEPCOE Capital and others.

The services were rendered to either owners, strategic investors or financial institutions before the escalation of War in 2022 and afterwards.

Partners:



# LIST OF RES REFERENCES (selective)

| PERIOD                  | ASSIGNMENT NAME  | BRIEF DESCRIPTION OF MAIN DELIVERABLES  |
|-------------------------|--|---|
| 2018-2019               | Orlovka Wind Farm 100 MW - EPC Tender Documentation Preparation. Owner's Engineering Services (FIDIC Silver Book-Based Contract)                       | Preparation of EPC Tender Documentation , Full technical review, Design review, Construction Supervision  |
| 2018-2019               | Grid Interconnection Feasibility Study – various projects  | Grid Modelling, Grid Adequacy evaluation, Dynamic Simulations, Budgeting of interconnection infrastructure  |
| 2018-2019               | Comprehensive Due Diligence of the 223 MW Wind Farm (Zaporizhia region)  | Curtailment analysis, Full electrical analysis, Contracts review, Civil construction aspects, EPC Contractor review   |
| 2019                    | Portfolio review (400+ MW of Solar PV) – Grid Connection Aspects   | Portfolio review, with the focus of grid interconnection aspects  |
| 2019                    | Smerechanska WPP (nominal capacity of 33 MW)   | Design review   |
| 2019-2020               | Lenders's technical and environmental adviser – Irshanska Solar Project  | Environmental, Health, Safety and Social Impacts Assessment, Environmental and Social Action Plan preparation   |
| 18/03/2019 – 20/01/2020 | Consultancy Services for Project Owner – 240 MW Pokrovska Solar Power Plant  | Design review, Construction monitoring, Procurement support, Commissioning support  |
| 2019-2022               | 565 MW Tiligul Wind Power Plant – Bankable Feasibility Study, Preliminary design & Procurement (World Bank standards), further construction monitoring | Preparation of preliminary design and tender documents, Bankable Feasibility Study, Construction monitoring   |
| 21/11/2019- 21/11/2022  | Support to the Auction Administrator for the design and implementation of a competitive procurement process  | Technical Specification, Complete Tender Documents, Support of the tendering procedure  |
| 2020                    | Technical Advisory Services for Acquisition of 30 MW Solar PV - Due Diligence Services   | Design review, Permitting review, O&M contracts review, Asset condition verification and site visits, Financial model review, benchmarking , Red flag review report   |
| 2020                    | Technical Advisory Services for Acquisition of a Majority Equity Stake in Renewables Solar PV - Vendor Due Diligence Services                          | Design review, O&M contracts review,Asset condition verification and site visits, Red flag review report and comprehensive due diligence report   |
| 2020                    | Pymorsk Wind Power Plant   | Support during defect liability period, Claim management  |
| 02/2020 – 08/2021       | Owner's Engineer for Yuzhne Energy Wind Farm   | Environmental support, Construction Supervision , Design review , Project Management Concept  |
| 05/05/2021 - 19/08/2021 | Volyn West Wind Power Plant  | Technical due diligence, Preparation of tender documentation, contract negotiations, and bid evaluation, Assistance in wind turbines procurement, Site visits   |
| 2020                    | 60 MW Wind Power Plant Due Dilligence  | Design review, O&M contracts review, Site visits  |
| 2020-ongoing            | Lender's Technical Advisor services for the 800+ MW Wind Farm  | Design review, O&M contracts review, EIA, ESAP, ESMP, Equator Principlless review, Asset condition verification and site visits   |
| 21/11/2019 – ongoing    | Support to the Auction Administrator for the design and implementation of a competitive procurement process (EBRD-funded)                              | Technical specifications development, Complete tender dossier development , Support of the tendering procedure  |
| 2021                    | Wind power plant red flag review   | Review of permtis, grid connection, contracts and design for WPP in Sweden  |
| 2021-ongoing            | Owner's Engineer for South-Ukraine WPP   | Design review , Project Management Concept, Contracting support, Construction Supervision including Certified construction supervision  |
| 14/11/2021- 28/01/2022  | Owner's Engineer for Dnistrovaska WPP Phase 2 (60 MW)  | Design review , Preparation of RfP for procurement of works and services, Bids evaluation, Contracting support, Construction Supervision Commissioning Supervision  |
| 2021-2022               | Independent Project Review of 150+ MW WPP in Kazakhstan  | Design review, Financial model review, O&M contracts review, Site visits, Independent Project Review  |
| 2022 – 2024             | Owner's Engineer and Tendering support for Ruginoasa wind farm with a capacity of 60 MW  | Assist in preparing tender packages, Suporting tendering procedures, Assist the Client and the Client's legal consultant in the preparation of BoP Civil works, BoP Electrical and Design works , Owner Engineering services in regards to WTG erection and further walkdowns |
| 2022                    | Equipment inspection Dnistrovaska WPP Phase 2 (60 MW) (in the war-affected region)   | Review of WTG supplier documents ,Preparation of Checklists, Inspection of WTG main components  |
| 2022 – 2024             | Post war development of the renewable energy sector in Ukraine   | An overview of the renewable energy sector, Calculation of potentials for renewable energy sources, Assessment of barriers and opportunities, Further development of renewables   |
| 2023-2024               | West Ukraine Hydrogen Valley   | Technology selection and pre-feasibility of the potential to build a hydrogen production facility at Volyn West Wind power plant thus evaluating the feasibility of plant operation modes including those foreseeing the various schemes of H2 production                     |
| 2023-ongoing            | Multiple DD projects for wind and solar power plants (operational and greenfield)  | Site visits, due diligence services – Romania, Croatia, Lithuania   |
| 2024-ongoing            | Project Management and Supervisory Services for Distributed Renewable Energy Projects under the Ukraine  | Preliminary Feasibility assessment, forming of procurement strategy, project registration at KMU, preparation of tender documents, evaluation, contracting, design  |



**RES**  
**SHOWCASES**

**05.**







## Project Manager

Project Management and Supervisory Services for Distributed Renewable Energy Projects under the Ukraine Energy Support Fund

### SERVICES RENDERED:

This critical initiative aims to reinforce Ukraine's healthcare infrastructure by implementing robust renewable energy systems, including rooftop solar installations with battery storage, across various health and social facilities.

- Preparation of preliminary feasibility assessments
- Procurement strategy, Procurement Plans and Tender Documents
- Bids evaluation, contracting
- Design review
- Construction and commissioning supervision
- Claims and variations
- DLP

**Donor:**  
Energy Community  
Secretariat



## Owner's Engineer

240 MW POKROVSKA SOLAR POWER PLANT

**Client:**  
DTEK Renewables

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)

### SERVICES RENDERED:

DTEK launches the Pokrovska Solar Power Plant (240 MW), the second largest solar farm in Europe by installed capacity. The solar farm construction aimed at providing 200 thousand households with clean energy, reducing CO2 emissions and strengthen energy independence of Ukraine. The project also covered significant grid rehabilitation – multiple 150 and 330 kV substations and OHLs.

- Design review and preparation
- Support the project owner in construction planning and management
- Construction monitoring
- Procurement support



## Owner's Engineer

YUZHNE ENERGY WIND FARM

### SERVICES RENDERED:

Yuzhne Wind Power Project is located in Odessa in Ukraine and plans to install 17 turbines, the total capacity is 76.5MW. The proposed turbine is Nordex 4500-149.

- Design review
- Construction Supervision
- Environmental support
- Commissioning Supervision

**Donor:**  
China Energy Investment

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)



**Client:**  
DTEK Renewables  
International B.V.

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)



## Owner's Engineer

RUGINOASA WIND FARM WITH A CAPACITY OF  
60 MW

### SERVICES RENDERED:

Support in preparation of the requests for proposals, negotiation and conclusion of contracts for the Ruginoasa wind farm with a capacity of 60 MW. The contract was extended for the provision of the Owner's Engineer services.

- Assist the Client in preparing tender packages, to review and adapt for Romania/EU requirement/Technical Specifications prepared by Client, technical and commercial requirements, as well as supporting tendering procedures, evaluating offers from WTG suppliers, BoP civil work contractors, BoP electrical work contractors and design service contractors, assist the Client and the Client's legal consultant in the preparation of WTG Supply, Installation and O&M agreement according to European and Romanian best market practices and Romanian legislation
- Turbine erection and commissioning supervision
- Assist the Client and the Client's legal consultant in the preparation of BoP Civil works, BoP Electrical and Design works execution agreements according to Romanian requirements and legislation





# Owner's Engineer

SOUTH-UKRAINE WPP (SUWPP)

## SERVICES RENDERED:

The SuWPP-Project is situated in Mykolaiv region in Ukraine and shall comprise of 60 turbines of the 4.x MW class (about 460 – 470 MW in total).

The full work scope includes 60 km access road, 125 km 35kV underground MV cable, 60 foundations with piles, one 35kV-330kV substation and 330kV T-line with the length of 53km.

- Design review and approval
- Project Management Concept
- Contracting support
- Construction Supervision including Certified construction supervision
- OHSE supervision
- Commissioning Supervision, Performance and Acceptance Testing

**Donor:**  
China Energy Investment

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)





## Owner's Engineer

ORLOVKA WIND FARM 100 MW

### SERVICES RENDERED:

Owner's Engineering Services during Implementation of a 100 MW wind farm in the Ukraine.

- Design review of power line
- Construction Supervision
- Other Owner's engineer tasks
- Claim Management (successful) including claims in regards to other projects in the company's portfolio

**Client:**  
DTEK Renewables

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)





## Owner's Engineer

DNISTROVSKA WPP PHASE 2 (60 MW)

### SERVICES RENDERED:

60 MW wind power plant construction in vicinity of Bilhorod-Dnistrovskyi, Ukraine. Services were ongoing during the full-scale invasion

- Design review
- Preparation of RfP for procurement of works and services
- Bids evaluation
- Project Management Concept & Contracting support
- Grid constrains analysis and interconnection review
- Master Project Schedule preparation, CPM reviews and Progress Reviews
- Construction & Commissioning Supervision
- Performance and Acceptance Testing
- Turbine components inspection (during the wartime)

**Client:**  
Elementum Energy

**Partner:**  
TRACTEBEL  
ENGINEERING (GERMANY)





## Lender's Engineer

800+ MW portfolio (Zophia 1,2,3)

### SERVICES RENDERED:

- Design review
- Contracts review
- Full technical due-diligence, incl. grid and curtailment aspects
- EIA, ESAP, ESMP, Equator Principles review
- Site visits and monitoring

**Client:**  
JP Morgan

**Partner:**  
UL







# PIU Support and Construction Supervision

TERNOPIL DISTRICT HEATING PROJECT

## SERVICES RENDERED:

The project aims to reduce the consumption of fuel, electricity and water, as well as other costs for maintenance and operation to obtain short-term results for the improvement of services. The project will result in a reduction in energy consumption and a reduction in greenhouse gas emissions (CO<sub>2</sub> and NO<sub>x</sub>).

- Revision of procurement & implementation plans according to the new PIP
- Procurement documentation preparation for three priority investment components
- Construction supervision and implementation assistance
- Project management & PIU support

**Donor:**  
EBRD

**Partner:**  
Tractebel Engie

**Investment:**  
EUR 15 mio





# PIU Support and Construction Supervision

DUSHANBE DISTRICT HEATING MODERNISATION PROJECT

## SERVICES RENDERED:

The Project is focused on the modernisation of the central District Heating (DH) infrastructure and includes the reconstruction and replacement of certain sections of the DH network and pumping stations, the introduction of energy efficiency measures and the procurement of machinery and equipment.

- PIU Support and overall project management support
- Supervision of construction works under FIDIC Conditions of Contracts
- Implementation of the ESAP, ESMP, SEP
- Preparation of detailed design and technical specifications
- Preparation of tender documents and Tendering support
- Contract supervision and administration
- Preparation of Corporate Development Programme

### Donor:

World Bank

### Sub-Consultants:

FCG, NIPPI SANIIOSP

### Investment:

USD 10 mio





# Construction Supervision

REHABILITATION OF DISTRICT HEATING NETWORKS IN LOZOVA

**Donor:**  
EIB

**Sub-Consultant:**  
decon International

**Investment:**  
EUR 13,9 mio

## SERVICES RENDERED:

The project involves reconstruction of heat supply networks, design, supply and installation of boiler houses, construction of water supply system and gas supply network.

- Design Review
- Contract management
- Construction supervision over the work
- Site Management
- Quality Control



**Donor:**  
World Bank

**Investment:**  
USD 30 mio



# Construction Supervision

DURING PERFORMANCE OF THE WORKS IN THE CITY OF KHARKIV. LOT 2

## SERVICES RENDERED:

The proposed project will improve the energy efficiency and quality of service of selected Ukrainian DH companies, improve their financial viability and reduce CO2 emissions.

- Project & Contract Management
- Design review & approval
- Technical supervision services over the construction
- Monitoring of work performance
- Services during the introduction of the equipment into operation and completion of works





# Construction Supervision

OF COGENERATION PLANTS BASED ON GAS ENGINES AND HIGH-VOLTAGE POWER FACILITIES AT THE COMBINED HEAT AND POWER PLANT SOURCE-3 AND THE HEAT ONLY BOILER PLANT WEST IN MOLDOVA

## SERVICES RENDERED:

The project is aimed at installing efficient cogeneration modular units, power transformers and switch gears.

- Design Review
- Construction supervision and contract administration
- Bids Evaluation Support
- Review and Monitor implementation of Environmental and Social Safeguards, Health & Safety provisions
- Sufficient on-site supervision during the Defect Liability Period

**Donor:**  
World Bank

**Investment:**  
USD 100 mio





# Construction Supervision

TECHNICAL SUPERVISION OF CONSTRUCTION OF VOSTOK TRANSMISSION PIPELINE, 1st, 3rd and 4th start-up facilities

## SERVICES RENDERED:

The main objective of the assignment is to support BOJSC “PP” – “BTS” in the administration of the contract for dismantling and installation works under HSIP Investment package 2 (Rehabilitation and replacement of transmission pipeline (Start-up complexes I, III and IV, preliminary estimate US\$17,0 million)). with due diligence and to carry out the Technical Supervisor's duties, which will be assigned to him under the Supervision Contract.

- Pre-Construction Phase Activities
- Supervision of Civil and Installation Works
- Contract Management
- Commissioning Activities

**Donor:**  
World Bank

**Partner:**  
decon international GmbH  
Inter Engineering





# Construction Supervision

MUNICIPAL WATER INFRASTRUCTURE CHERNIVTSI,  
PHASE 2 AND 3

## SERVICES RENDERED:

The purpose of the Project is to improve the performance and efficiency of water supply and wastewater systems, to increase energy efficiency and to enhance the capacity of the local water and sewerage utility.

- Preparation of International (KfW) Feasibility Study and Environmental and Social Impact Assessment
- Preparation of designs
- Construction management and supervision of implementation
- Preparation of Tender Documents for FIDIC Yellow/Red Book contracts
- Capacity Building

**Donor:**  
KfW

**Investment:**  
EUR 35 mio



**Donor:**  
EBRD



# PIU Support & Construction Supervision

KYRGYZ WATER RESILIENCE FRAMEWORK - Kadamzhai, Aidarken, Kok-Jangak and Tash-Komur - Consultant for project management, design, and technical supervision for 4 Cities

## SERVICES RENDERED:

The Project is expected to significantly improve access to clean water, reduce water losses, improve resilience to climate change and optimise the operating costs of Kadamzhai, Tash-Komur, Kok-Jangak and Aidarken Water Companies.

- Assistance with the Establishment of the PIUs
- Preparation of Detailed Designs and Technical Specifications
- Support during the preparation of tender documents, procurement & evaluation process
- Environmental and Social Implementation Support
- Supervision of Goods & Works Contracts







# Construction Supervision

ENERGY EFFICIENCY REHABILITATION OF EDUCATIONAL BUILDINGS IN SUMY – CONSTRUCTION MANAGEMENT & DESIGN REVIEW

## SERVICES RENDERED:

The project provides for design and build works on energy efficiency rehabilitation of up to 12 kindergartens in Sumy is implemented in a timely manner and with quality up to the satisfaction of the Client.

- Design check and approval
- EHS management
- Programming and Monitoring Progress
- Site Management
- Financial Monitoring
- Contract management
- Support during Completion and Defects Notification Period

**Donor:**  
EIB

**Investment:**  
EUR >5 mio



**Donor:**  
EBRD

**Investment:**  
EUR 11 mio



# Construction Supervision

MODERNIZATION OF THE PUBLIC STREET LIGHTING SYSTEM IN BACAU, ROMANIA – CONSTRUCTION MANAGEMENT, DESIGN REVIEW & PROJECT MANAGEMENT

## SERVICES RENDERED:

The project is about supervision of the implementation of the design and build contract for "Modernization of a large part of the street public lighting system in Bacau Municipality" in compliance with the standards of national and European legislation on the design and performance of works, environmental protection and social protection and compliance with EBRD's requirements and policies regarding the financing of projects initiated by public authorities.

- Monitoring and supervision of construction works
- Design review
- FIDIC Contract & Project Management
- Strengthening the institutional and administrative capacity of the Client



**Donor:**  
Energy Community  
Secretariat



## Strategic Studies

POST WAR DEVELOPMENT OF THE RENEWABLE  
ENERGY SECTOR IN UKRAINE

### SERVICES RENDERED:

The main task to be achieved is to undertake an analytical assessment of the potential for use of renewable energy sources and prepare a Final Study Report with proposed actions to rebuild and further develop the renewable energy sector in Ukraine. For this renaissance to happen rapidly and for full potential of renewables to be utilized, a number of preconditions of regulatory, institutional and financial nature need to be put in place.

- An overview of the renewable energy sector
- Calculation of potentials for renewable energy sources
- Assessment of barriers and opportunities
- Further development of renewables





## Strategic Studies

SUPPORT IN IMPLEMENTATION OF  
AUCTIONS FOR RENEWABLE ENERGY

### SERVICES RENDERED:

The Project is about support in establishing auctions for Renewable Energy, as well as technical specs development and procurement of such a system.

- Advice to the Stakeholders (TSO, Regulator, Market Operator..)
- Strategic Assessment
- Technical Specification for the Auction System
- Tendering Support

**Donor:**  
EBRD

**Partner:**  
CMS Cameron McKenna  
(GB)  
Tractebel (GERMANY)



# CONTACT PERSON

VADYM INDUTNYI CBO



+380 96 1 66 1 99 1



vadym@u-t-a.co.uk



Kovpaka 17, Kyiv 03150,  
5 South Charlotte Street, Edinburgh, EH2 4AN



<http://u-t-a.co.uk>



[info@u-t-a.co.uk](mailto:info@u-t-a.co.uk)  
<http://u-t-a.co.uk/>



+ 44 782 536 24 39 (UK)  
+38 068 498 82 86 (UA)