

# **CDM Engineering Ukraine Company Presentation**

## Company Profile

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CDM Engineering Ukraine is an **engineering and environmental consulting** company focused on bringing a value-added service approach consistent with international best practice to the Ukrainian market. Since 2013, we have been providing **engineering planning, design, procurement, project management for construction and other engineering solutions** as well as **key environmental services** in Ukraine for international and local clients.



### Our service lines:



**Engineering**



**Environmental Management**



**Consulting**



CDM Engineering Ukraine is an independent **Ukrainian legal entity** that is **American owned and managed**. We are an FCPA compliant company consistent with US anticorruption policy. We fully understand and comply with all anticorruption legislation, and maintain full transparency in ownership and financial reporting as is required to work with governmental technical assistance programs, including U.S. Department of State and DFC-financed investments.

Most of our **37 team** members are competent in **English** and have proven experience in delivering work according both **Ukrainian and international standards** and requirements, including various design specifications, and FIDIC contract implementation.



## Our clients:



## Our primary areas of expertise:

- Full scale project management for construction, including design and procurement support, as well as technical supervision and quality control from start-up through commissioning;
- Civil and industrial design (all stages);
- General contractor services;
- Technical supervision / ‘Tekhnadzor’ services;
- Technical and environmental due diligence;
- Environmental and social impact assessment (EIA, ESHIA, ESDD, site audits);
- Health and safety audits;
- Assessment of regulatory compliance to international standards (EBRD, EIB, WB, OPIC);
- Development of master plans and feasibility studies consistent with international finance.



## Engineering Services

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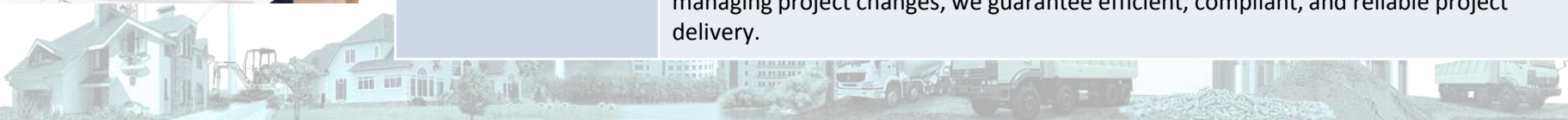
CDM Engineering Ukraine offers all of the necessary professional, human, and technical resources to **manage turnkey investment projects** and participate in any and all stages of project development, from **feasibility study and cost estimation to commissioning** from an engineering standpoint. With our in-house experience and a wide network of local subcontractors and suppliers, our company can offer full-scale support in the technical development and management of **infrastructure investments** in Ukraine with an emphasis on **value to the client**. Our technical team have experience in working according to international standards often demanded by multinational engineering or EPC companies and IFIs, including **FIDIC contract conditions**.



# Engineering Services



<p><b>Civil and Industrial Design</b></p>	<p>We provide <b>detailed design services</b> covering the complete cycle of design documentation development, including concept design, basic design (П), detailed design (РП) and working documentation (РД) stages, as well as <b>author supervision</b> during construction. Our design work can, upon request, be done in concert with Building Information Modeling (BIM) via 3D software. All works are controlled by a certified <b>Chief Project Engineer (ГИП)</b> or a <b>Chief Architect (ГАП)</b>.</p>
<p><b>Engineering Consulting</b></p>	<p>We offer tailored services for different aspects of <b>technical due diligence, pre-feasibility/feasibility assessments</b>, and other specific services such as <b>commissioning support, procurement and contracting</b> to address specific client needs in different stages of project development.</p>
<p><b>Project Management</b></p>	<p>We offer <b>project management</b> support to all active IFIs such as World Bank, the EBRD, GIZ, NEFCO, and the EIB independently and in collaboration with major international engineering firms <b>towards the successful in implementation</b> of their projects in Ukraine.</p>
<p><b>Site Supervision</b></p>	<p>We strive to understand and meet our <b>clients' specific needs</b> while organizing our site supervision assignments. Our core objective is to represent the client's interests during construction and control the <b>quality of works, schedules being maintained, and costs remaining controlled</b>. Our team is experienced in navigating and solving complex problems, and in assisting clients in realizing their investments while ensuring compliance with their respective <b>corporate standards</b> and following the <b>requirements of Ukrainian law</b>.</p>
<p><b>Engineering and Contracting Services</b></p>	<p>We provide <b>General Contracting services</b> to ensure quality, safety, and full compliance with FIDIC standards and Ukrainian regulations. Our experts oversee every stage of the project — <b>from early preparation to final commissioning</b> — ensuring transparency, timely problem-solving, and reduced risks and costs. We control the quality of materials and workmanship, monitor schedules, maintain required documentation, and ensure adherence to project designs and safety norms. By coordinating all parties and managing project changes, we guarantee efficient, compliant, and reliable project delivery.</p>



## Project for Energy Efficiency in Municipalities and Accompanying Measure Consulting Services for the Programme Implementation to be implemented in Zhytomyr

*Subcontracted by Fichtner GmbH & Co. KG*

The Project concerns the **energy efficient modernization** of selected schools and kindergartens in the municipality of Zhytomyr.

The scope of services includes:

- Engineering consulting services;
- **Development of detailed design documentation;**
- Construction management services;
- Environmental and social consulting services.

Ukraine, 05.2025 - ongoing

## Reconstruction of Social Infrastructure in Mykolaiv

*Subcontracted by COWI A/S*

- Validation and technical assessment of bomb shelter reconstruction in Mykolaiv Region (Snihurivka, Shyroke, Sofiivka, Pavlivka Villages);
- On-site Inspections to assess the condition and scope of completed and proposed works;
- Review and validation of additional reconstruction activities, with a specific focus on **solar panel systems** and associated technical solutions;
- Compliance assessment of technical solutions against relevant Ukrainian building and **energy efficiency standards;**
- Preparation of a comprehensive technical report, including recommendations and conformity evaluation;

Ukraine, 05.2025 - ongoing



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 **WORLD BANK GROUP**

**Development of a Concept Master Plan**  
(Under the Sustaining Health System Reform Program)  
*Subcontracted by Ernst & Young LLC*

- Technical and analytical support to Ukraine's Ministry of Health for healthcare service modernization;
- Development of standardized scoring checklist for evaluating facility technology, accessibility, and renovation potential;
- Assessment of physical condition and technology of municipal healthcare buildings for renovation/extension suitability;
- Development of concept designs for three facility types, integrating energy efficiency and sustainability;
- Costs estimations for reconstruction, new construction, and technology upgrades

Ukraine, 01.2025 – 09.2025

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 **USAID**  
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**Technical assessment of the border crossing facilities**  
*Subcontracted by DAI Global*

As a part of the **USAID Economic Resilience Activity**, CDM provided:

- Technical assessment of over 25 road and 8 strategically important railway border crossing points in Ukraine
- Development of **design documentation** for routine restoration
- Site measurements & surveys across all project locations
- Preparation of bills of quantities & cost estimates;
- Support in development of RFPs for reconstruction works, equipment procurement and supply.

Ukraine, 10.2023 – 02.2025



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**Architecture & Engineering Services for Passive Protection Structure Design and Construction**  
*Subcontracted by AECOM Technical Services Inc.*

The Passive Protection project supports the DOE/NNSA Ukraine Task Force's mission to enhance the resilience, safety, and reliability of Ukraine's nuclear power plants and critical grid infrastructure.

CDM services include:

- **General Design Support:** preliminary/detailed design, drawings, specifications, cost estimates, integration of sustainable practices, stakeholder coordination, oversight of all site-related electrical, civil, structural, mechanical modifications;
- **Constructability Analysis:** Review of designs for construction issues, suggest improvements, cost-benefit analysis;
- **Program Support:** review of finalized site surveys.

Ukraine, 11.2024 - ongoing

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 Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

**Engineering design services for rehabilitation of water infrastructure**  
**in Ukraine: Iziium Vodokanal**

- Technical assessment of the pressure sewage network section;
- Detailed Design for Reconstruction of pressure sewage network section (double pipe D=280mm, length of approximately 360 m, including ducker crossing);
- Management of topographical and geological surveys for the site, including bathymetry for ducker crossing;
- Assistance in passing the design expertise.

Ukraine, 04.2023 – 04.2024



## Design Services for a Large Multinational Agricultural Company

- Engineering inventory and technical due diligence of the full design documentation of an agro-processing and grain storage facility;
- Water basin design: development of design documentation for reconstruction of rain and wastewater reservoirs;
- Concept design for relocation of a 10 kV line;
- 3D modeling for new grain pipelines;
- Engineering flow diagrams (EFD) of the boiler house for systems: hydraulic, air, biomass/gas supply, gas treatment, ash handling;
- Piping and Instrumentation Diagram (PID) scheme of the sewage system.

Ukraine, 2019 – 2020

## GIZ Project: Special Assistance Programme East Ukraine

*Subcontracted by Hydroplan Ingenieur Gesellschaft*

**Development of design documentation** for capital repair of buildings in health and social services sector, covering internal restoration, modernization for disabled persons, renovation or replacement of electrical networks, HVAC systems and water supply and sewerage networks, development of energy efficiency solutions.

- Center for Primary Health Care in Donetsk region;
- Lyman Central District Hospital in Lyman city, Donetsk region;
- Territorial Center for Social Services of the Pokrovsky City Council, Donetsk region.

Ukraine, 10.2020 – 07.2021



## Fact Finding and TOR Preparation for Project Opportunity in Apostolove, Kryvyi Rih, Zelenodolsk (Ukraine)

Overall Objective is to conduct a fact-finding mission and prepare a tailored Terms of Reference (TOR) for a full feasibility study of the water supply and treatment infrastructure in Apostolove, Kryvyi Rih, Zelenodolsk in alignment with Impact Fund Denmark's standards and strategic priorities.

The project includes the following stages:

- Involvement of stakeholders and updating of initial data;
- Preliminary technical examination and determination of the scope of studies, Assessment of the technical condition of key facilities of water supply and water treatment systems, Assessment of reconstruction or new construction options, determination of the need for engineering surveys and specialized technical surveys, as well as the formation of preliminary technical solutions;
- Development and coordination of Terms of Reference (TOR) Preparation of a TOR project for feasibility studies in accordance with Impact Fund Denmark templates and procedures, defining the technical scope, research methodology and requirements for results



Ukraine, 09.2025 – ongoing

## Technical Due Diligence of the customer's sites in Kyiv and Rivne regions

The project provided for a technical assessment of industrial facilities in order to determine the condition of existing buildings, engineering infrastructure and land plots for potential reconstruction or new development.

Ukraine, 10.2025





**Rivne Regional Water and Wastewater Project – Project Feasibility Assessment**

*Subcontracted by SWECO*

Feasibility study for the construction of wastewater management system including reconstruction of pumping stations and construction of a wastewater treatment plant with an average treatment capacity of 60,000 m<sup>3</sup>/d. Assessment of the impact of war on infrastructure and population projections.

- Technical and financial feasibility assessment;
- Financial and Economic analysis including preparation of Priority Investment Programme;
- Green Economy Transition, Environmental and Social Impact Assessment and coordination with local Environmental Impact Assessment process.

Ukraine, 06.2025 – ongoing

**Wastewater Treatment in Mykolaiv – Feasibility Study**

*Subcontracted by SWECO*



Feasibility study for a wastewater management system, including reconstruction of pumping stations and sewer pipes, and the construction and/or rehabilitation of a wastewater treatment plant with a capacity of 80,000 m<sup>3</sup>/day. The study includes financial and economic analysis, preparation of a Priority Investment Programme, investment packages, procurement plans, environmental and social assessment, and development of the ToR for the ESIA.

The Feasibility Study is carried out in three Phases:

- Phase 1: High-level overview of the status and condition of the existing sewerage system and the existing WWTP. Development of planning scenarios.
- Phase 2: Analysis of the planning scenarios and recommendations for how to develop and rehabilitate the wastewater system in Mykolaiv. Identification of smaller “early action” projects.
- Phase 3: Conceptual, technical design of a new WWTP located in Mykolaiv City, with recommendations on capacity and wastewater treatment technology.

Ukraine, 07.2025 – ongoing







**Technical Due Diligence for Libental 120 MW Wind Power Plant**  
*Subcontracted by RINA Consulting SpA*

The objective of this assignment was to provide the Lenders with a report on the technical aspects and risks of the Project in order to enable the Lenders to assess whether the Company will have the capacity to service the proposed loan.

The Assignment comprises of three phases:

- **Technical Due Diligence (TDD)** and support financial close through a comprehensive site assessment, evaluating land suitability, environmental impacts, infrastructure access, and associated risks. This includes reviewing technical studies, permitting status, and identifying any outstanding approvals required for project construction and operation.
- **Monitoring during construction;**
- **Monitoring during operation;**

Ukraine, 04.2025 – 08.2025



**Technical Due Diligence (TDD) for the Customer's site, construction of power generating capacities in Khmelnytskyi region, Ukraine**  
*Contracted by LLC "Rengy Development"*

CDM provided:

- Technical Due Diligence Report (TDD) of the Customer's facility, which will cover first stage - 851 kW GPPU (Gas Piston Power Unit) (constructed);
- Technical Due Diligence Report (TDD) of the Customer's facility, which will cover second stage - Gas-piston power unit 4.6 MW and 1.6 MW/3.2 MW per hour BESS (Battery Energy Storage System);

Ukraine, 05.2025 – 08.2025



## Technical Due Dilligence (TDD) for Solar PV Projects in the Western and Central Region of Ukraine

*Subcontracted by Fichtner GmbH & Co. KG*

Technical consulting services for assessment of the 10 sites.

- Review of design documentation and ensure site suitability, technical studies, and legal land use compliance;
- Evaluation of site infrastructure and logistics.
- Checking design consistency and identification of site constraints in the PV layout;
- Verification of permitting and regulatory compliance for solar PV installation.
- Assessment of grid connection readiness and design compliance with technical specs.

Ukraine, 09.2023 – 09.2024

## Housing Repair for People's Empowerment (HOPE) Project

*Subcontractor to Particip GbmH*

The project focuses on repairing partially damaged homes and rebuilding critical housing infrastructure:

- Component 1: Support of emergency repairs of partially damaged homes;
- Component 2: Focuses on capital repairs and technical planning for Multi-Family Buildings in selected communities.
- Component 3: Covers project management and capacity building.

The assignment supports the Ukrainian government in overseeing and reporting on the HOPE Project, with a focus on legal, fiduciary, environmental, and social compliance. It ensures transparency, verifies eligible expenditures, and evaluates both intermediate and final impacts on beneficiaries. The work includes gathering stakeholder feedback and identifying implementation challenges. Ultimately, the goal is to assess social and economic impacts and provide recommendations to improve project outcomes.

Ukraine, 04.2025 – ongoing



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**KFW**

**Project for Energy Efficiency in Municipalities and Accompanying Measure Consulting Services for the Programme Implementation to be implemented in Zhytomyr**  
*Subcontracted by Fichtner GmbH & Co. KG*

The Project concerns the **energy efficient modernization** of selected schools and kindergartens in the municipality of Zhytomyr.

The scope of services will cover but not limited to:

- **Engineering consulting services (overall feasibility assessment);**
- Development of the design documentation;
- **Construction management services;**
- Environmental and social consulting services.

Ukraine, 05.2025 – ongoing

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**European Bank**  
for Reconstruction and Development

**Technical Consulting and Engineering Services for Private Sector Subprojects under the EBRD/EU Credit Line Facilities in Ukraine**  
*Subcontracted by RINA Consulting S. p. A.*



CDM provides technical consulting and engineering services as part of the local implementation team supporting private sector investments under the EBRD/EU Energy Security Support Facility (ESSF) in Ukraine (residential and non-residential facilities).

The main focus is on evaluating and promoting the implementation of energy-related subprojects, particularly in the following areas: cogeneration units, biogas units, solar power and wind power plants, energy storage systems.

Key activities include the development of Technical Assessment Reports, covering technical, financial, environmental, and risk-related aspects of the proposed investments and are used to determine project eligibility under the credit line.

Ukraine, 12.2024 – ongoing



**The analysis of the conditions of availability of energy sources available locally that are an alternative to natural gas in Lviv region**

The project aims to inventory regional waste and residues to assess their potential as alternatives to natural gas for boiler use, considering regulations and treatment options. It also estimates medium-term availability and proposes cogeneration-based solutions to meet the region's energy needs.

As a follow up, CDM carries out the following services:

- Technical site analysis, including impacts on neighboring areas;
- Environmental and Social Impact Assessment (ESIA) as part of the basic design studies (TEO) for one facility;
- Alignment of design studies (TEO) with Ukrainian standards for State expertise review;
- Technical and economic prefeasibility studies, focusing on socio-environmental aspects and CAPEX/OPEX;
- Basic design studies (TEO), including CAPEX/OPEX, and legal, socio-economic, environmental, and security considerations;
- Support in preparing tender documents, particularly regarding compliance with Ukrainian legislation.

Ukraine, 11.2024 – ongoing




**Ukrenergo Resilience Support (Ukraine)**  
**Technical Due Diligence of high-voltage substations (330 kV)**  
*Subcontracted by RINA Tech UK Limited*

- Review and comment on preliminary design and site selection by Ukrenergo, considering technical, HSE, and operability aspects.
- Assess project design feasibility and equipment availability based on market analysis.
- Review equipment specs, including power, wind loads, and temperature requirements.
- Evaluate autotransformer specs, feeder connections, and overload capacity.
- Review earthing study: touch/step potential and impact on nearby utilities.
- Assess metering, monitoring, and measurement equipment (e.g., PMUs, harmonics, power quality).
- Evaluate protection, control, and inter-trip scheme.
- Assess substation and network-wide communication needs.
- Review water, drainage, and firefighting systems at the substation.
- Record technical interfaces (utilities, access, restrictions).
- Review work program and related costs.
- List and review applicable standards and guidelines.

Ukraine, 09.2024 – 12.2024



**Feasibility Study for the Wastewater Collection and Treatment System in Burshtyn, Ivano-Frankivsk Region**

*Subcontracted by NIRAS A/S*

The feasibility study will include technical, environmental, social, economic and financial sections that will demonstrate the viability of the project components and the potential need for any other components that will be implemented by the municipal enterprise "Zhytlovkyk" Burshtyn TC to achieve the goals.

- Review documents, identification of data gaps, inception report;
- Preparation of basic design;
- Development and evaluation of technical options;
- Development of conceptual design of selected option;
- Financial and affordability analysis;
- Environmental and social screening and gap assessment;
- Preparation of feasibility study report and workshop;
- Support PIU setup and implementation
- Development of procurement plan and support financier applications

Ukraine, 01.2025 - ongoing

**Feasibility Study for the Water Supply System in Burshtyn, Ivano-Frankivsk Region**

*Subcontracted by NIRAS A/S*



Detailed analysis of the **water supply system** in Burshtyn and the development of feasibility studies, which will be the basis for the future preparation of design and estimate documentation for the following works:

- Assessment and reconstruction of the groundwater well fields;
- New drinking water treatment system;
- Reconstruction of water supply network and the water tower;

The objective of the project is to ensure the water supply system to be sustainable for Burshtyn area in the future. Development of a feasibility study for the entire water supply system, including the wells, water treatment, water storage and distribution system.

Ukraine, 07.2024 – ongoing



**Technical Support Services in the Selection of Cogeneration Technology**  
*Subcontracted by DAI Global*

Technical support services in tender procedures for the selection and procurement of the cogeneration units for municipalities, medical and educational facilities:

*Support during pre-tender and tender process:*

- Beneficiary coordination: technical consultations to identify project needs;
- Development of questionnaires;
- Technical assessment of the power generation needs of beneficiaries;
- Preparing and finalizing comprehensive technical specifications ready for procurement and tender processes;
- Development of technical terms of reference for procurement;
- Receiving and evaluation of tender proposals according to selection criteria;
- Making the final decision for tender award.

Ukraine, 2024 – 02.2025




**Securing Power, Advancing Resilience & Connectivity Activity (SPARC)**  
*Subcontractor to Tetra Tech ES, Inc.*

CDM Engineering supports implementation of SPARC as follows:


**Provision of the professional engineering and technical services including:**

- Engineering and technical services across all SPARC components;
- Technical studies, including pre-/feasibility studies for thermal, renewable, and power network projects;
- Research and insights with SPARC teams and stakeholders;
- Review and development technical specs for electrical and heating equipment;
- Support of procurement by preparing specs, answering vendor questions, and evaluating technical bids;
- Verification equipment delivery and complete handover documentation;
- Support of post-delivery equipment verification.

Ukraine, 09.2024 – ongoing



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**USAID Economic Resilience Activity**  
*Subcontractor to DAI Global*

The purpose of USAID ERA was to improve the overall economic resilience of eastern Ukraine (Donbass area). Starting 2022, the project has enlarged its territorial coverage to central and western regions of Ukraine and adapted to provide crisis related support and target the urgent challenges of public infrastructure, including

- Assistance to internally displaced persons (IDPs);
- Rapid assessment for the routine restoration of public facilities;
- Technical assessment for the routine restoration and modernization of over 25 border crossing points (BCP) and 8 strategically important railway BCPs on the southwestern borders of Ukraine.

Project Budget: USD 3,252,329  
Ukraine, 08.2018 – 08.2025

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 **USAID**  
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**Emergency support after the Kahovka Dam disaster**  
*Subcontractor to DAI Global*

As a part of the **USAID Economic Resilience Activity**, CDM:

- Reviewed design and cost estimate documentation for three new regional water supply systems, serving almost 2 million people;
- Developed and implemented an engineering and ecological strategic assessment of the new construction of the main water pipeline;
- Identified priority follow-on steps to sustain the new water supply systems, including both engineering and environmental management solutions.

Ukraine, 09.2023 – 09.2024



## WASHPaLS2 Remote Rapid Assessment: Power Needs of Ukraine's Water and Sanitation Service Providers

*Contracted by Tetra Tech ARD*

A rapid assessment of the power generation needs of the water and wastewater utilities in five cities in Ukraine (Kyiv, Lviv, Kharkiv, Kherson, Odesa) with the aim to prevent urban water shortages due to power outage and to assess longer-term improvements specific to water security and efficiency that could be made by the water utilities (Vodokanals) in these cities.

As a follow up - procurement support services.

Ukraine, 03.2023 –09.2023


## Pre-Feasibility Study (PFS) of a Lithium Mining Project in Ukraine

- Analysis of the core civil engineering requirements of the project based on existing process development and site conditions;
- Assessment of primary options for the development of core civil infrastructure development: roads, power supply, water management systems, and waste management facilities;
- Development of a preliminary site layout plan;
- Development of primary CAPEX and OPEX pricing for investment.

Ukraine, 07.2023 – 12.2023



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**USAID Economic Resilience Activity**  
*Subcontractor to DAI Global*

CDM performed a full scope of engineering and environmental management services for the project, including feasibility studies, design documentation and bills of quantity, cost estimations, procurement assistance, **construction management and quality control** for rehabilitation or improvements in existing public infrastructure projects:

- Public administration and education facilities;
- Local roads & bridges;
- IDP shelters;
- Border Crossing Points (roads and railways).

Project Budget: USD 3,252,329  
Ukraine, 08.2018 – 08.2025

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**Technical Supervision for Podilskiy Cement**  
*Contracted by CRH*

Technical supervision services for the construction of a cement dispatching facility located in Vyshneve, Kyiv region.

- Availability of documents confirming the quality characteristics of structures, products, materials and equipment;
- Compliance of completed construction and installation works with design, state requirements, building codes and technical specifications;
- Notification to the General Contractor about the non-compliance of products, materials and equipment with the requirements of regulatory documents;
- Execution of acts of work performed with defects.

Ukraine, 07.2020 – 03.2022



## Engineering Consulting for Construction of Scatec Solar PV parks

*Subcontractor to Fichtner GmbH*

Scatec Solar Ukraine has developed a solar power plant in the south of Ukraine with a total capacity of 148 MW. The new plant is planned to provide energy to about 76,000 households.

Services included an **independent review of mechanical completion and take over** according to the EPC contract, covering:

- Mechanical completion;
- Test on completion;
- Hand over to the Customer.

Ukraine, 07.2020 – 12.2020

## Project Management and Engineering Services

*for a Large Multinational Agricultural Company*

Project management for construction for an agro-processing and storage (grain elevator) facility in Zhytomyr Region.

- Observation of installation works to confirm the quality requirements in accordance with the Client's technical standards;
- Monitoring, verification and control of cost when project works are conducted on a T&M basis;
- Management of extra's /changes /modifications during construction;
- Technical consulting of commissioning, mechanical, electrical and instrumentation engineers;
- Procurement support services.

Ukraine, 02.2018 – 12.2020



## Environmental Management Services

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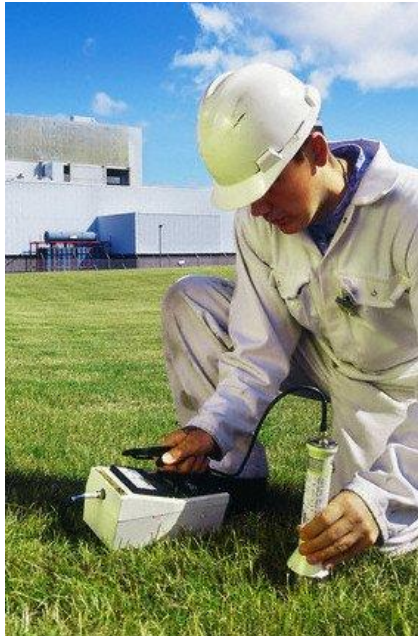


CDM Engineering Ukraine offers a comprehensive range of environmental consulting services to clients in various industrial sectors. Our environmental services team includes experts with backgrounds in the **environmental and social sciences, health and safety, chemistry, economics and law.**

Most of our experts are fluent in **English** and have experience working with both **local and international standards** (EBRD, World Bank, EU). Our team has completed extensive professional training and possess all recognized professional certifications (**ISO, OHSAS**).



# Environmental Management Services



## Environmental and Social Impact Assessment (ESIA)

Our experts are certified and experienced in delivering ESIA's in accordance with **international requirements (EBRD, IFC, EIB)** as often requested for the assessment of investments financed by IFIs. Our team has performed this study for projects in **various sectors**. This type of assessment covers all relevant **direct and indirect environmental, social, health & safety impacts** and issues of the project's operations at all the stages of the project cycle: **pre-construction, construction, operation, and decommissioning and closure**.

## Environmental Impact Assessment (OVNS & OVD)

We provide Environmental Impact Assessments as required by Ukrainian law, both **OVNS** as part of every project design, and **OVD** as required for construction permitting purposes.

## Environmental, Health & Safety (EHS) Consulting

**ESDD** and **HSDD** are the systematic studies of the environmental, social, health and safety **compliance of an operation with local and/or international standards, and the potential impact of planned changes to that operation**. In addition to corporate sustainability benchmarks that are increasingly common, EDD and HSDD are applicable for mergers & acquisitions, operations modernization / reconstruction, business restructuring, attraction of equity investment / IPO, or applying for IFI funding. For the purposes of EDD, we can provide **soil, water and air testing** at laboratories in or outside Ukraine.

## Environmental Site Assessment (ESA): Phase I and II

**A Phase I ESA** is aimed at the identification of potential environmental risks and liabilities of a specific location (site) that may have resulted from existing or previous land use or the use of territory adjacent to the subject location. A Phase I ESA results in **initial conclusions on potential risks** to human and/or other receptors and determines whether there is a need for further investigation, and the scope of those investigations (Phase II ESA Exploratory Investigation).



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**acciona**

**Environmental Impact Assessment (EIA/OVD) for  
Kozyatynska Wind Power Plant**

Full development of an Environmental Impact Report for a **Kozyatynska WPP 150 MW** in Ukraine for future industrial use, that includes the development of an OVD report according to the law of Ukraine.

Ukraine, 01.2025 – ongoing

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**KFW**

**Project for Energy Efficiency in Municipalities and Accompanying Measure Consulting Services for the Programme Implementation to be implemented in Zhytomyr**  
*Subcontracted by Fichtner GmbH & Co. KG*

The Project concerns the **energy efficient modernization** of selected schools and kindergartens in the municipality of Zhytomyr.

The scope of services will cover but not limited to:

- Engineering consulting services;
- Development of the design documentation;
- Construction management services;
- **Environmental and social consulting services.**

Ukraine, 05.2025 - ongoing



## Hydro Monitoring Services for the Lithium Mining Project in Ukraine

*Subcontracted by Wardell Armstrong International Ltd*

- Surface water surveys at 8 monitoring points (photographing of water level rails);
- Measuring the groundwater depth level using a depth gauge at 5 monitoring points (wells);
- Data download from the data-loggers at 3 surface water and 3 groundwater points;
- Preparation of monthly reports after each site visit for a period of 12 months.

Ukraine, 01.2025 – ongoing

## Environmental and Social Impact Assessment (ESIA) and OVD of the Lithium Mining Project in Ukraine

*Subcontracted by Wardell Armstrong International Ltd*

ESIA performed according to IFC Performance Standards on Social & Environmental Sustainability and Environmental Impact Assessment (OVD) according to the Law of Ukraine.

- Baseline investigations;
- Sampling and laboratory testing for water and soil;
- ESIA report, including Environmental and Social Action Plan (ESAP); Environmental and Social Management Plan (ESMP);
- OVD (Environmental Impact Assessment according to the Law of Ukraine).

Ukraine, 06.2023 – 12.2024



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**European Bank**  
for Reconstruction and Development

**Environmental and Social Impact Assessment (ESIA)** for implementation a public transport modernization project in the city of Ternopil, according to EBRD standards  
*Subcontracted by Ernst & Young LLC*

- E&S Supply chain risk assessment/screening;
- Development of the Environmental and Social Action Plan (ESAP);
- Identification and Development of the Stakeholder Engagement Plan (SEP);
- Development of the non-technical summary (NTS);
- Delivery of training for the city's representatives;
- Development of the final ESIA report, including ESAP, SEP, NTS, in English and Ukrainian.

Ukraine, 04.2024 – 10.2024

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**European Bank**  
for Reconstruction and Development

**Environmental and Social Impact Assessment (ESIA)** as part of Feasibility assessment of Kyivpastrans project, according to EBRD standards  
*Subcontracted by Ernst & Young LLC*

- E&S Supply chain risk assessment/screening;
- Development of the Environmental and Social Action Plan (ESAP);
- Identification and Development of the Stakeholder Engagement Plan (SEP);
- Development of the non-technical summary (NTS);
- Delivery of training for the city's representatives;
- Development of the final ESIA report, including ESAP, SEP, NTS, in English and Ukrainian.

Ukraine, 03.2023 – 09.2023



**CDM**  
ENGINEERING UKRAINE

**QTERMINALS**  
OLVIA

Environmental and Social Impact Assessment (ESIA) for the QTerminals Olvia Sea Port Concession Project

*Subcontractor to Golder Associates GmbH*

ESIA performed in line with **EBRD Performance Requirements, IFC Performance Standards and Ukrainian regulations.**

The Project is aimed to renew and upgrade the existing port facilities and develop a new grain terminal with a turnover capacity of 2 million tons in the Port of Olvia.

Ukraine, 03.2021 – 01.2022

**CDM**  
ENGINEERING UKRAINE

**HERO**  
FUTURE  
ENERGIES  
planet positive power



Environmental and Social Impact Assessment (ESIA) of Solar Farms

*Contracted by Hero Future Energies*

ESIA for the construction of two solar farms in the Dnipropetrovsk region with installed capacity of 51.8 MW performed according to **IFC Performance Standards on Social & Environmental Sustainability, 2012.**

Ukraine, 08.2019 – 01.2020





**Environmental and Social Services for Libental Wind Power Plant Project**  
*Subcontracted by RINA Consulting SpA*

The main objective of the Assignment is to review the existing E&S documentation for the development and implementation of the Project against the Applicable E&S Requirements and determine the suitability of such documentation, and compliance of the Project, with such requirements. This includes the following activities:

- Review the existing ESIA and project documents against applicable environmental and social (E&S) requirements;
- Identify gaps and risks and propose solutions in a Gap Closure Plan;
- Confirm that the final E&S documentation complies with disclosure requirements based on project categorization.
- Environmental and Social Action Plan (ESAP);
- Stakeholder consultation activities with the Lenders.

Ukraine, 04.2025 – 05.2025



**Development, Implementation, and Management of Environmental and Safety Systems for M10 Industrial Park**

- Development of Environmental and Social Management Plans (ESMP);
- Development of Environmental and Social Monitoring Plan (ESMP);
- Environmental, Social, Health and Safety Monitoring
- Development of a Construction Completion report

Ukraine, 09.2024 – 12.2024



**CDM**  
ENGINEERING UKRAINE

 **WORLD BANK GROUP**

**Environmental and Social appraisal visit to an agribusiness project in Ukraine**

**Subcontracted by RINA Consulting Ltd.**

- Documentation review; field visit to the Project's site;
- Key findings summary;
- Development of Environmental and Social Action Plan (ESAP) as part of the appraisal report;
- Development of the Final Appraisal Report;

Ukraine, 09.2024 – 11.2024

**CDM**  
ENGINEERING UKRAINE

**Environmental and Social Due Diligence (ESDD) review against applicable standards of a proposed investment in Agri Company**

**Subcontractor to NIRAS Ukraine**

- Field visit to the Project's site;
- Development of the Red flag report;
- Development of the ESDD report and Compliance Matrix;
- Development of the Environmental and Social Action Plan (ASAP).

Ukraine, 09.2024







**Environmental and Social Due Diligence (ESDD)  
of a Pharmaceutical Company Operations**

*Contracted by ProCredit Bank Ukraine*

Third party ESDD of a pharmaceutical company's operational activity is performed in support to the **financing request of the bank's long-term client** in amount that requires external due diligence in line with the bank's E&S management system.

ESDD performed in accordance with the relevant international financial institutions' requirements: **EBRD, EIB, IFC, World Bank.**

Ukraine, 08.2020 – 10.2020



**Environmental, Health & Safety Due Diligence (EHSDD)  
of an Asbestos-cement Production Workshop**

*Contracted by Ivano-Frankivsk Cement (IFCEM)*


The EDD covers potential environmental, health & safety risks associated with asbestos, which is used as a raw material by IFCEM in an asbestos-cement production workshop.

The EDD includes a review of the EHS protective and preventive measures applied during raw material storage, the manufacturing process, finished product storage, and waste storage and management.

Ukraine, 08.2019 – 09.2019



**CDM**  
ENGINEERING UKRAINE

 **acciona**

**Environmental, social, and labor regulatory support for the development of a PV plant**  
*Contracted by Acciona Energy*

Environmental, social, and labor regulatory support for the construction of a PV plant with a power output of 57 MW during 2018-2019 in a village near Kyiv, Ukraine.

Revision of the compliance status of the solar plant construction site to **national regulations, EBRD standards** and the Client's corporate requirements, as well as subsequent periodic supervision.

Ukraine, 11.2018 - 03.2019

**CDM**  
ENGINEERING UKRAINE

 **ERM**

**Various Environmental, Health and Safety (EHS) Consulting Services**  
*Local Support to ERM Polska Sp. Z o.o.*

- EHS due diligence of industrial, FMCG and food production companies;
- EHS compliance audits of office and manufacturing facilities;
- EHS site assessments and audits;
- Advisory on compliance with Ukrainian legislation.

Ukraine, 2015 - 2021



**CDM**  
ENGINEERING UKRAINE


 **IFCEM**  
ІВАНО-ФРАНКІВСЬКИЙ ЦЕМЕНТ

**Environmental Site Assessment (ESA) of the Ivano-Frankivsk Cement Plant (IFCEM)**  
*Subcontracted by Golder Associated GmbH*

Air dust sampling and its evaluation for asbestos fibers concentration

Ukraine, 12.2020 – 02.2021

**CDM**  
ENGINEERING UKRAINE

 **Remington Seeds**

**Phase II Environmental Site Assessment (ESA)  
of a Agricultural Facility in Ukraine**  
*Contracted by Remington Seeds*

The purpose of the project is confirmation of the presence or absence of potential environmental impacts, which may be present as a result of the historical or current use of the subject site.

Development of the Phase II ESA program included:

- Identification of the boreholes and monitoring wells location;
- Groundwater sampling;
- Required laboratory analysis in a European laboratory;
- Reporting.

Ukraine, 08.2019 - 10.2019



## Consulting

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**CDM Engineering Ukraine** has extensive experience in working with both local and international clients through the implementation of **IFI-funded projects**. Our technical capacity in delivering sustainable results in the public sector is well established, and has provided our firm with a level of experience few other Ukrainian organizations can demonstrate.





<b>Resource Management</b>	<p>Our team is experienced in the development of <b>water, waste and energy resource management strategies</b> for both private and public sector clients. These assignments have included regulatory and market research, technical solutions development, compliance checks against relevant standards and requirements (national, European, corporate).</p>
<b>Regulatory Support</b>	<p>Ukrainian regulations have been undergoing an alignment procedure towards <b>approximation to EU legislation</b> for several years. Our team is proficient in relevant legislation and has an excellent track record in consulting both local and international clients on regulatory matters, including support to various <b>permitting steps in the engineering and environmental sectors</b>.</p>
<b>Capacity Building</b>	<p>Ukrainian state bodies often require external assistance and guidance in relation to implementation of their strategic goals. The CDM team includes a number of senior <b>institutional, financial and industry experts</b> to provide capacity building and institutional strengthening services as are often required as a part of <b>IFI technical assistance</b>. These assignments include <b>training development and delivery, pilot project</b> elaboration and implementation support, corporate development planning, and the elaboration of good governance as an approach for <b>sustainable development</b>.</p>
<b>Project Planning/Feasibility Study Development</b>	<p>We have provided transaction advisory support to international companies in various sectors for planning and implementation of their <b>investments in Ukraine</b>. Our unique team combines engineers, project managers, environmental and social experts, finance experts, and the needed administration to support the development of ambitious goals. Such composition allows us to evaluate the <b>feasibility of projects</b> from the most relevant perspectives, to account for specific market conditions, to assess the <b>political and economic risks and potential benefits</b>, and ensure <b>compliance with local and international regulations</b>.</p>



## NEFCO - Neighborhood Investment Platform (NIP) Ukraine Water Programme (UWP)

*Subcontractor to NIRAS A/S*

Engineering consulting services to improve energy efficiency in municipal water & wastewater systems resulting in cost savings and corresponding reduction of CO2 emissions; decrease environmental pollution by improving municipal WWTPs; improve quality of water services to citizens.

- Water safety plan following WHO guidelines;
- Long-term investment program development;
- Financial models for a selected period (min. 30 years) for each water utility;
- Water balance and non-revenue water management plans;
- Professional training the water utility staff.

Ukraine, 02.2020 – 02.2022

## GIZ Project: Integrated Urban Development in Ukraine

*In partnership with RWA Group*

Development and delivery of a training programme for city administrations in municipal waste management, covering:

- Waste management policy overview and technical aspects;
- System definition and costs: cost recovery, tariffs, and investment finance and decision rules;
- Institutional and organizational aspects of waste management. Private sector involvement.
- Preparation of draft municipal waste management action plans.

Ukraine, 01.2019 – 11.2019



**CDM**  
ENGINEERING UKRAINE

**giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

**Assistance to the U-LEAD with Europe Programme on the preparation of the capacity development measures Thematic Support Package (TSP):**

**‘Steps for Leaders’ in the field of public infrastructure**

*Contracted by GIZ*

Development and delivery of trainings for Amalgamated Hromadas (AHs) senior management for long-term investment planning in key infrastructure within the waste management and water supply and sewerage sectors to better approach both national funds and international financial institutions such as the EBRD, KfW, or the EIB.

Ukraine, 04.2020 – 06.2020

**CDM**  
ENGINEERING UKRAINE

**giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

**Strengthening Social Infrastructure for the Absorption of Internally Displaced People**

*Contracted by GIZ*

Assistance to 15 municipalities from Kharkiv, Dnipro and Zaporizhzhia regions to successfully prepare social infrastructure projects to be submitted for different national and international donors.

Activities include:

- Training local authorities in the definition and application of feasibility study-type analysis based on best international practice;
- Support for the elaboration of pilot infrastructure projects to be submitted to national investment funds.

Ukraine, 11.2017 – 11.2018





**DANIEL ASPLEAF**

Director / Project Manager

Degree: MS in Chemistry

Years of experience: 28

Owner and **Managing Director** of CDM Engineering Ukraine, Daniel Aspleaf has a **Master's Degree in Chemistry** from the University of Washington (USA) and has **over 25 years** of professional experience, 14 of them in Ukraine, Eastern Europe and the CIS countries.

Combining a background in the physical sciences with **international business development**, Mr. Aspleaf is experienced in **developing and managing complex, large-scale projects**, involving investments in **water, waste water, solid waste, transport, and energy-related infrastructure**.

Mr. Aspleaf possesses a profound knowledge of the **Ukrainian business environment**, in particular related to infrastructure investments. This includes extensive experience with **feasibility studies, procurement, tendering procedures, and project management** particularly within the framework of **FIDIC** contract administration.

