Rebuilding Ukraine: Opportunities for Swedish Companies in Ukraine's Municipal Sector

Kyiv, Ukraine October 2024



With Business Sweden back in Ukraine, we're eager to support Swedish contribution to Ukraine's rebuilding



The war is ongoing...

- Ukraine continues its brave defense against Russia's full-scale invasion, facing immense challenges to its economy and infrastructure.
- With the onset of Russia's full-scale invasion in 2022, Ukraine's municipal infrastructure became a systematic target of attacks. As of the beginning of 2024, Ukraine's infrastructure has suffered extensive damage, with total destruction costs USD 9 bln (RDN3). Over 255 water facilities, 84 major heating plants, and more than 35 waste management facilities have been destroyed





...and there are massive needs...

- Rebuilding Ukraine's municipal infrastructure, with an estimated cost of about USD 11 bln(RDN3), will prioritize energy efficiency, suitability, smart city technologies, and data-driven management for improved performance and resilience.
- Reconstruction will also emphasize inclusivity through universal design principles, ensuring accessibility for all. This approach presents numerous opportunities in Ukraine's municipal infrastructure sector.

...and Swedish companies have substantial opportunities to support in the rebuild of Ukraine

- Despite the ongoing war, Ukraine offers substantial opportunities for Swedish businesses in sectors such as municipal infrastructure, including water, heating, and waste management. Business Sweden is actively involved in identifying and supporting these opportunities.
- With the re-establishment of our on-the-ground presence in Kyiv in October 2023, Business Sweden is proud to introduce the "Rebuilding Ukraine: Opportunities for Swedish Companies in the Ukraine's Municipal Sector" guide, aimed at supporting Swedish companies interested in participating in the reconstruction of Ukraine's infrastructure.

Content

Introduction

Overview of Ukraine's municipal infrastructure

- Key facts about Ukraine's municipal infrastructure
- Pre-War Sector Development
- Damage assessment and reconstruction requirements
- Stakeholder navigation

• Industry insights and analysis

- Reconstruction trends
- Water sector
- Heat supply
- Waste management

Supplying Swedish expertise: Tender opportunities

- Procurement opportunities by IFIs and UN agencies
- Local procurement opportunities in Ukraine

Illustrative overview



Key facts Pre-war development Damage & Needs Stakeholders

2		in the pre-war period drove modernization	n and attracted significant investment	needs are rapidly growing, with restoration e	stimated to take up I
-	a. Of some processed orders where of classes, a tool specific is unline the order of plant plant plant plant plant plant plant is unline of the transmission data between some appendix states and publics in terms is itself in an pairway predix, down classing building in larger	Ang formers in process of the columnity Sign formers in process of the columnity Sign formers in process of the columnity Constraint compared writer for drags Constraint compared writer for a single writer for a si	Improvements and addition Mental formation Mental formation for stress supported and susceptible of parameters additional reviews, applicable addition for support of factor additional reviews applied	. Support the set of	restabling over her providently
	Ray Selevated Chronics's specialized infrastructions (Oter, d) structure Their Inter Inter Inter Inter	Developing and the second	Manufaced Toppendese Education for providence in the Toppende State of Stat	- Annual Annu	Nodefin
	Services constants of a single field of a second se	ang ang - Suspected to advance of second - Suspecting between second second - Suspecting between second second - Suspecting between second second - Suspecting between second second - Suspecting between second -	Construction of Congression Foreign Official Particle Street, Appropriate Street, Street, Street, St. Street, St. Street, Appropriate Street, Street, St. Street, St. Street, St. Street, St. Street, St. Street, St. St. St. St. St. St. St. St.	Note: 	EUR 10,1
5	 Over any environ of some angle pipelines An any power law of some pipelines Therefore, regards 	Instrument to be preserved and the Instrument of the second sec	Registed transformation: Internet a structure of light inducting in a path service, including the "Res' sign channel and some is addressed to an other and provide presenting for Resea	And reach - Benching and Ander	EUR 10.2
	Source and a state of the lower Approximately of the of the Alexandrophysics Market assessments Association and a provide a state Association and a provide a state Association and a state of the state of the state	www. -www.ackit.ddl www. -space space s	Name in the second seco	Network Network - Antonio Antonio Antonio Antonio - Antonio - Antonio Antonio - An	EX.8.3.6
	 Appendix (), a sublice two shall near proper 	100100		Auron more	

Trends

Water sector

Heat sector

heat supply industry to engate technology and expertise for	ge Swedish companies the sector's reconstruction		Amid recent reform in Ukraine's waste n
		Factors cannot	Statistics and a second s

Waste sector

Intern. tenders I Intern. tenders II Intern. tenders III Intern. tenders IV Ukrainian tenders



Engagement Options

Supply directly

	And and a second state and a second state
With growing d	lemand for various types of equipment for municipal infrastructs (by to Ukraine is an efficient strategy to establish a market press
	Statisticana
	d ngalanay nagilanay kay pang palan Bay na mini sa shing nining na pang palan Bay na mini sa shing na magana pang pang na pang pang pang pang p
	ny i najestaj eranti i lado da te anglega, disi san al pitri masi da bat han adam di Maganta, Palai di majera da bata de erana di rina, atra brittal lado atra Nada nyerita ada tala pada tende di talan di sagati
	(a) processing and conflict without the same including an analysis including to same. The same state is a same state in the same state is a same state in the specific field of the same state is a same state in the same state is the same state is a same state is an advertised of the same state is a same state in the same state is the same state is a same state is an advertised of the same state is a same state is a same state is a same state is a same state with the same state is a same
 Sectors interestingent interestingen interestingen 	
1. Observation registers'	and the second sec

Partnership



Local presence

Opportunities

in Ukraine's post-war reco		
is opticities, configure of energy information, it is the Economic model.	ni politi, difei nel alcone lifer ten, sincire e della construction difetto di la tenente, con aldeg llocio, for parti nel acting per lo sul sel alcongging locito prese pricedo com setto della com	a approximate densed to transitional tobacts
No their spectre	Direct Subsc	Jaconing from Chruise
Yourdan's agestication is the "Antoine conduct of expert Linearies edgess, scatter Wrog "Researce execution studies is before. The com- parable conducts inside experiments reservants, sandhoring effectively is dir wheeling instaires	Execting the V Assistance and the Torongh. How with the second scale is a recomplement of the particle with the second scale of the second scale o	Their process shows in a second second second tableting the one second activity of their second promises, and a process of their second processing and the second second activity processing and the second second activity depending angle second , device an processing approximation for the application in
AutoMaking a Partnership with a Threadship Company	Operation on the ground	Public Arizon Partnerships
A generative of the Constitution receptor works or description of the Constitution receptor in the op- dimension of the Constitution of the Constitution of the Constitution of the Constitution of the Constitu- ent of the Constitution of the Constitution of the Constitution of the Constitution of the Constitution of the Constitution of the Constitution of the Constitution of the Co	Individual or or forget interest forget experimental or of the providence of the experimental or of the providence of the providence of the providence of the providence of the providence program.	Thesise's comparing in PPT satisfactors or achieves measurement of the second benefit in these second

About Business Sweden

Starting operations in Ukraine

- Overview of key business models

- Partnership operation model

- Supplying directly to Ukraine as a model

- Establishing a local presence as a model

٠

Ukraine is one of the largest countries in Europe with numerous municipalities actively developing and modernizing

- Ukraine, a large industrial country, offers significant investment opportunities, with many procurements seeking modern solutions
- Despite a **28.8%** GDP drop in **2022** due to the war, Ukraine demonstrated resilience with a **5.3%** GDP growth by the end of **2023**, a trend expected to continue in **2024**. Ongoing reforms are aligning Ukraine's market and regulatory framework with the EU, laying a strong foundation for future economic growth
- Early investment in Ukraine's rebuilding efforts offers long-term returns and positions investors to benefit from post-war growth, driven by reconstruction, international support, and reforms
- Ukraine presents a unique opportunity, fueled by its large consumer market and strategic location in Europe

As of October 2024, Ukraine has lost about 28% of its territory; however, the remaining part remains resilient and economically robust



Key facts about Ukraine's municipal infrastructure as for 2022

Cities: 461 cities across Ukraine (larger than 10 000 inhabitants) **Territorial communities:** 1 469 united territorial communities **Population:** Approximately 30 million people (after full scale invasion) **Water supply and sewage:**

- Around 1,600 water supply and sewage enterprises
- Over 100,000 km of water supply pipelines
- About 50,000 km of sewage pipelines

Heating supply:

- More than 20,000 boiler houses
- Approximately 28,000 km of heating pipelines

Waste management:

- Around 5,000 landfills
- About 10 waste processing plants
- Approximately 10 million tons of solid waste per year

SOURCE: INSTITUTE FOR THE STUDY OF WAR

1991-

2013

2014-

Despite numerous challenges, the development of municipal infrastructure in the pre-war period drove modernization and attracted significant investment

Main problems of development stage

•	Aging Soviet-era	infrastructure	needed mode	ernization

- Limited funding and private investment delayed repairs
- Centralized management restricted local input
 - Low energy efficiency caused high energy losses
 - Poor waste management led to environmental pollution
- The war in eastern Ukraine caused severe infrastructure damage
- Economic crises and currency devaluation hindered infrastructure funding
- **2018** Corruption led to inefficient use of resources
 - Lack of recycling facilities and landfills contributed to waste accumulation and environmental pollution
 - Despite increased funding, investment remained insufficient, leaving key projects incomplete
 - Investment favored major cities, while smaller towns were underfunded
- 2019-2021 Complex permitting procedures deterred investors and delayed projects
 - Prozorro, electronic public procurement system in Ukraine, improved transparency, but local-level corruption risks persisted

Improvements and solutions as for 2024

1. Decentralization:

Introduced in 2014, this reform empowered local communities with greater authority and resources, significantly enhancing their capacity to finance

and develop infrastructure projects

2. International Cooperation:

Following the revolution in 2014, Ukraine secured substantial financial and technical support from international partners, aiding in infrastructure reconstruction in the east and driving reforms that improved the investment climate and attracted foreign investments

3. Energy Efficiency:

Starting in 2017, new programs aimed at improving energy efficiency in residential sectors and modernizing heating systems have been implemented

4. Digital Transformation:

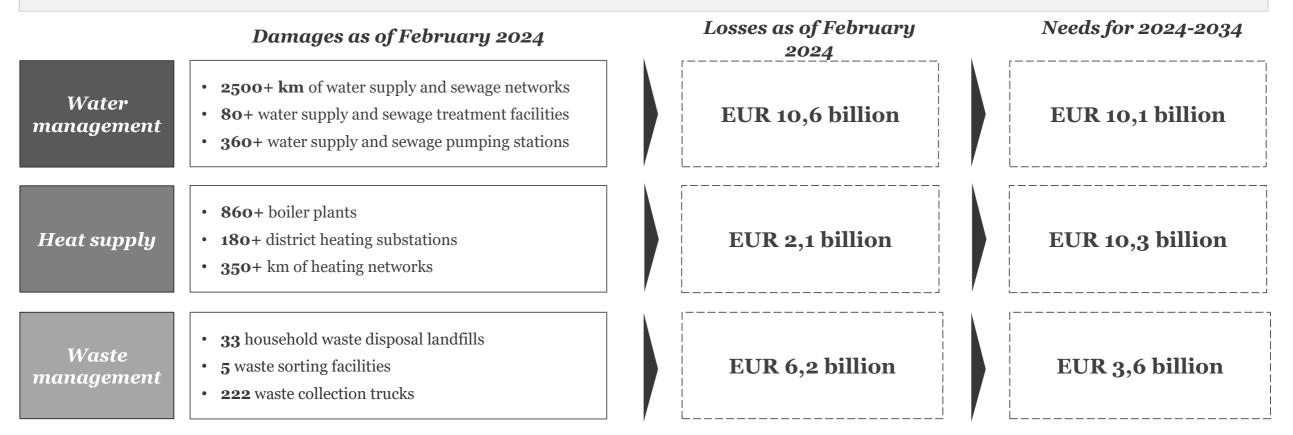
Initiated in 2019, the rollout of digital technologies in public services, including the "Diia" app, streamlined access to administrative services and permit processing for citizens

5. "Great Construction":

Launched by President Zelenskyy in 2020, this large-scale infrastructure initiative focused on constructing and renovating key assets such as roads, bridges, schools, and hospitals, positively influencing municipal infrastructure development

With significant wartime damage to municipal infrastructure, reconstruction needs are rapidly growing, with restoration estimated to take up to 10 years

- Russia's full-scale invasion in **2022** caused **extensive damage** to Ukraine's municipal infrastructure, which continues to be a primary target for attacks. For example, Mykolaiv's water supply system was severely impacted, resulting in pipe corrosion and a two-year drinking water shortage. Additionally, the destruction of the **Kakhovka Hydroelectric Power Plant in June 2023** caused over **EUR 3,4 bln** in direct losses
- By early **2024**, infrastructure destruction in Ukraine had reached **EUR 8,1 bln**, impacting **over 255** water facilities, **84** major heating plants, and **35** waste management sites, with rebuilding costs estimated at **EUR 10 bln**. With each month of the war, the restoration needs continue to grow
- The **ongoing reconstruction**, combined with **strong demand** and **support aid from IFIs**, is creating a **unique opportunities** for Swedish companies to offer their technology and solutions for the modernization of Ukraine's municipal infrastructure



Municipal infrastructure sector of Ukraine includes multiple stakeholders who actively contribute to its development and modernization

Government of Ukraine | Cabinet of Ministers of Ukraine

The highest body in the system of executive authorities, determines the priority areas for the recovery of Ukraine on an annual basis, mobilizes appropriate financial resources, and ensures the involvement of international partners in the recovery process

The Ministry for Communities, Territories and Infrastructure Development of Ukraine

Responsible for the formation and implementation of the recovery policy of the regions and territories of Ukraine.Ensures overall coordination of recovery policies in close cooperation with line ministries

The State Agency for Infrastructure Restoration and Development of Ukraine (Agency for Restoration)

Responsible for the largest infrastructure projects at the national level, support and implementation of regional and local recovery projects based on the requests of the relevant project customers

Agency for Restoration Territorial Offices

Responsible for the largest infrastructure projects at the national level, support and implementation of regional and local recovery projects based on the requests of the relevant project customers

National level

Public utility companies

Responsible for water, heat supply, and waste management, they procure equipment and services for infrastructure modernization, funded by tariffs, government budgets, international aid, and private investment

Ministry of Economy Private sector engagement

Ministry of Finance Ensure macroeconomic stability and effective mobilization and administration of public funds

+ 18 sectoral ministries

Social, healthcare, energy, education, digital, environment, youth and sports, agro, strategic industries, internal affairs, foreign affairs, reintegration, veterans' affairs, defense, justice, culture, transport, communications and information

Regional state (military) administrations (RSA/RMA)

Act as customers of projects for the construction of critical and social infrastructure facilities, authorized to implement recovery projects on behalf of territorial communities

Territorial communities / Hromadas

Key recipient which responsible for developing planning documents, establishing communication with international partners, and implementing restoration projects Local level

Oblast/

Main trends in Ukraine's reconstruction create opportunities for Swedish businesses to contribute to modern solutions and expertise

- Ukraine, granted EU candidate status in June 2022, is progressing toward European integration by aligning its legislation and standards with EU requirements. For example, several municipalities have approved "City Heating Schemes" developed by the USAID Energy Security Project, aimed at improving systems to ensure sustainable and efficient energy supply
- Swedish companies, with their extensive experience and innovative technologies in building energy-efficient infrastructure, are well-positioned to become key partners in supporting this development
- Reconstruction efforts are aligned with broader strategies focused on sustainable development, decarbonization, and decentralization

Main trends for Rebuilding Ukraine



Decentralization

Empowering local communities to make decisions and manage their infrastructure projects, fostering local ownership and accountability



Sustainability & Resilience

Focus on developing infrastructure that integrates green technologies and climate-resilient designs to withstand future challenges



Digital Transformation

Leveraging digital solutions to enhance operational efficiency, service delivery, and stakeholder engagement



Private Sector Involvement

Promoting private investment and expertise through Public-Private Partnerships (PPPs) and other collaborative models



Build Back Better

Reconstructing infrastructure to exceed previous standards, emphasizing efficiency, resilience, and sustainability, with a focus on future-proofing based on lessons from the conflict



Modernization

Upgrading outdated systems with modern, energy-efficient technologies to improve performance and reduce costs

With significant reconstruction needs, international support, and strong Swedish offerings, BuS is proactively focusing on the <u>water sector</u>

	e has substantial water resources ; however, effective management and utilization remain ging. Therefore, rebuilding and modernizing the water sector is a national priority	Local procument	
• Ukraine	e is aligning its water regulations with EU standards such as the adaptation of the EU Framework Directive 2000/60/EC, which provides the foundation for water policy actions	In 2023 Dnipro and Kharkiv water supply companies tendered water and pipe units for EUR 3 mln and EUR 1,75 mln	
• The country is procuring key water equipment , such as pumps, treatment systems, monitoring tools etc, and engineering services. Swedish companies are already on the ground , Sweco, for example, has provided engineering consultancy to ensure potable water for 220,000 residents in Kremenchuk			
F		International procument	
Government Policy	• National Water Resource Management Strategy until 2050 which outlines key directions for Ukraine's water management, focusing on infrastructure modernization , water resource efficiency, and environmental safety	In 2023, NEFCO conducted procurements for 9 municipalities in different regions of Ukraine to repair water supply and wastewater facilities , with total funding exceeding EUR 38 mln	
ern Poli	Housing and Utilities Development Strategy which is comprehensive plan to improve water supply and sewage systems , improve energy efficiency, and promote sustainable development		
	supply and sewage systems, improve energy enterency, and promote sustainable development	PPP	
Gov	 The government plans to gradually raise water tariffs to ensure utility financial stability and attract investments for infrastructure renovation 	Recent examples include a PPP in the Dnipropetrovsk region	
	• The government plans to gradually raise water tariffs to ensure utility financial stability		
Sector Gov Financing	 The government plans to gradually raise water tariffs to ensure utility financial stability and attract investments for infrastructure renovation International partners played a critical role in supporting Ukraine's water management sector. In 	Recent examples include a PPP in the Dnipropetrovsk region approved in 2023 to enhance water supply, wastewater treatment	

equipment tenders in 2023 totaled EUR 12 mln. Additionally, in 2022, the government allocated

EUR 17,5 mln for mobile boiler houses

presence in Ukraine's heat supply sector, providing essential

equipment and expertise in heating solutions.

BuS is focusing on the <u>heat supply</u> industry to engage Swedish companies in providing advanced technology and expertise for the sector's reconstruction

	e operates the largest district heating system in Europe, supplying heat to 5,3 million holds annually (before full-scale invasion)	Local procument
The sec War da critica	tor faces outdated infrastructure, high energy losses(≈20%-30%), and dependence on fossil fuels. mage has further compounded these issues, making reconstruction and modernization a l priority	From 5-15% of local funds and up to 3% of state funds are allocated for heat supply modernization and reconstruction. State reserve funds are commonly utilized; for example, in 2022, EUR 2,2 mln was allocated to restore the heating system in Kremenchuk
	e is procuring essential equipment for sector, including solid fuel boilers, pumps, valves, heat gers, control and automation systems, and engineering services for the heating sector	International procument
Government Policy	• In 2023, the Cabinet of Ministers of Ukraine approved the Concept for the State Targeted Economic Program for Energy Modernization of Enterprises until 2030. The main goal is to improve the efficiency of centralized heating systems	NEFCO announced a tender for the Chernihiv municipal enterprise to replace heating pipelines and restore thermal insulation, with a budget of EUR 5 mln
over Pol	 By 2030, the strategy seeks to attract state, municipal, and international funding to build or reconstruct 10 GW of thermal energy sources, 3,000 kilometers of heating networks, and install 35,000 individual heating substations and 15,000 commercial metering units for heat supply 	РРР
J		In Oster, Chernihiv region, a PPP project modernized the heating infrastructure, with the private partner investing in upgrades and
Sector inancing	• The Cabinet of Ministers' strategy estimates the cost of modernizing existing heating infrastructure up to EUR 15 bln	the city council granting a 25-year operational concession
	 International support plays a crucial role in the sector. For example, Denmark, via NEFCO, provided EUR 4,5 mln in funding, delivering mobile container boiler houses to Ukraine 	Presence in Ukraine
Se	• As an example, Rivne opened a tender for a solid fuel boiler worth EUR 3 mln, while Kviv's heating	Swedish companies, including Swegon and NIBE, already have a

Ľ

Starting Operations in Ukraine

Amid recent reforms and pressing needs, Sweden has taken leadership in Ukraine's <u>waste management sector</u>

- Ukraine's waste management system faces significant challenges, including low recycling rates (3%-10%), widespread illegal dumping, and outdated infrastructure. As of 2023, 163 landfills are overcapacity, 693 fail to meet environmental standards, and 290 new landfills are needed. The destruction of cities and debris containing unexploded ordnance further complicate the situation
- Sweden has prioritized the waste management sector, with the Avfall Sverige (Swedish Association of Waste Management and Recycling) and SALAR (Swedish Association of Local Authorities and Regions) launching the "Strengthening of Municipal Waste Management in Ukraine (2024–2027)" initiative funded by Sida

- Ukraine's waste management relied on outdated Soviet-era standards. The new 2023 Law "On Waste Management" aligns with EU standards and a **circular economy**. It emphasizes waste prevention, reuse, and recycling, with landfilling as a last resort in compliant facilities
- Ukraine's National Waste Management Strategy has set key goals for 2030, including increasing **recycling rates to 50%, reducing landfilling to 35%,** and promoting waste-to-energy development
- The government is implementing **Extender Producer Responsibility** schemes, holding producers accountable for the collection and recycling of their products
- Sector Financing
- The Ministry of Environmental Protection has identified more than **200 potential waste processing projects** across Ukraine, which are expected to require approximately **EUR 15 bln** for full implementation
 - In 2022, subsidy funding for the development and maintenance of sanitation services amounted to nearly **EUR 20 mln**, highlighting the government's ongoing efforts to **support and improve Ukraine's waste management infrastructure**
 - The waste management services market in Ukraine saw significant growth in 2023, reaching nearly **EUR 160 mln**, reflecting the increasing demand for efficient waste processing solutions

Local procument

Between 3-5% of local funds and up to 1% of state funds are allocated to the waste management sector. In 2023, Ukrainian municipalities invested **EUR 8 mln** in procuring garbage trucks, with an average price per truck of approximately **EUR 120 t thsd**

International procument

The UNDP in Ukraine, funded by the EU, and Japan, has provided waste management equipment to 19 Ukrainian communities, including 52 garbage trucks and 63 units of heavy machinery

PPP

Swedish companies can explore numerous PPP opportunities, such as constructing and operating waste-to-energy plants, developing modern landfills and recycling facilities, and implementing innovative waste collection and sorting systems

Presence in Ukraine

Volvo and Scania has a strong presence in Ukraine, with its highquality equipment actively utilized in the waste processing sector

Swedish companies can make a substantial contribution to Ukraine's reconstruction through participation in international and local tenders

- In 2023, the European Union and over 20 individual countries provided financial support to Ukraine, including donor funding to IFIs and UN agencies for procuring goods, services, and works to meet immediate needs and support reconstruction through their respective procurement platforms. For example, in 2024, the EIB Fund, as part of the Bank's EU4U Initiative, raised over EUR 400 mln to address Ukraine's critical infrastructure needs and help stabilize its economy. UNICEF contributed EUR 61 million between 2022 and 2024, funding equipment, water treatment reagents, restoration efforts, well drilling, and the provision of drinking water
- Ukrainian government entities and state-owned enterprises regularly issue tenders for municipal infrastructure projects via the Prozorro public electronic procurement system
- With both international and local tenders open to global participation, Swedish companies have the opportunity to support Ukraine's reconstruction by providing sustainable solutions, advanced technologies, or by participating in procurement opportunities



Procurement opportunities of IFIs and UN agencies can be utilized through a step-by-step approach

	WORLD BANK GROUP	O European Bank for Reconstruction and Development	NEFCO	UNITED NATIONS
1. Identify procuring organizations by sectors	Housing, Logistics, Winterization	Infrastructure	Water Resource Management, District Heating, Housing, Energy Efficiency	Infrastructure Reconstruction, Energy and Environment
2. Find Tender Opportunities	World Bank <u>website</u> > Browse Contract Awards and Notices by Country > Ukraine	EBRD Client E-Procurement <u>Portal</u> (ECEPP) > Procurement Notices > Keywords: Ukraine	Nefco <u>website</u> > Projects > Procurement > Browse Procurement notices by Country > Ukraine	United Nations Global Marketplace (<u>UNGM</u>) portal > Browse Procurement notices by Country > Ukraine
3. Learn more about procurement procedures	<u>World Bank Procurement</u> <u>Regulation</u>	<u>EBRD Procurement Policies</u> and Rules and Related Bank <u>Policies</u>	<u>Nefco Procurement Policy and</u> <u>Procedures</u>	UN agencies have varying procurement procedures, please review regulations of each agency (e.g. <u>UNOPS</u>)
4. Prepare a competitive proposal	 Cite relevant technical and regional experience involve in-country partners, consider joint ventures Ensure full responsiveness to tender/proposal requirements before submission 		 Follow standard bidding document fe Address document clarifications and Ensure full responsiveness to tender/ scheduled pre-tender/proposal clarifier 	extensions early /proposal requirements attend
5. Submit an offer	Via World Bank <u>website</u>	Via <u>ECEPP</u>	As indicated in the respective tender specifications	Offers are accepted via the <u>UN</u> <u>Quantum system</u>

Procurement opportunities of IFIs, UN agencies and other development organizations can be utilized through a step-by-step approach (II)

	USAD FROM THE AMERICAN PEOPLE	* Energy Community	giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	European Investment Bank
1. Identify procuring organizations by sectors	Critical Infrastructure	Energy Infrastructure Restoration, Heating Supply	Energy and Climate Protection	Infrastructure, Municipal Services, Urgent Energy Efficiency
2. Find Tender Opportunities	TetraTech business opportunities <u>website</u> > Work Group Filter > Choose relevant USAID project (e.g. UCEM, SACCI, etc.)	TetraTech business opportunities <u>website</u> > Ukraine Energy Support Fund	GIZ <u>website</u> > Doing business with GIZ > Procurement > Tenders > E-procurement platform > Find notices > Ukraine	EIB <u>website</u> > Work with us > Procurement > Ukraine Ted <u>portal</u> > Browse by Business Opportunity > Ukraine
3. Learn more about procurement procedures	more about procurementSupplier's Guide (USAID Energy Security Project's example)General procure information		<u>Terms and Conditions for</u> supplying services and works	<u>Guide to Procurement for</u> projects financed by the EIB
4. Prepare a competitive proposal	partners, consider joint ventures		 Follow standard bidding document f Address document clarifications and Ensure full responsiveness to tender scheduled pre-tender/proposal clari 	l extensions early /proposal requirements attend
5. Submit an offer	VIA LEITA LECO DUSIDESS ODDOFILIDILLES WEDSILE		As indicated in the respective tender specifications	

Success in tendering with IFIs or UN agencies relies on a thorough grasp of the intricacies of procurement procedures

Understanding of the tendering process with IFIs or UN

- Tenders from **IFIs and UN agencies follow rules and procedures** designed to ensure an efficient and transparent selection process. Swedish companies can participate in opportunities related to Ukraine, as these **tenders are typically open to international involvement**
- Although each organization may have its own procurement guidelines and use a different tendering platform, there are **similarities in the generally applied selection methods and procurement types**. Understanding the specifics of an organization's procurement procedures before entering a tendering opportunity is crucial for developing a competitive proposal
- Certain organizations, such as UN agencies, appreciate **proactive marketing efforts from potential bidders** who introduce their products and services to relevant program and procurement officials. This is particularly important for facilitating procurement through selective or direct tendering

Single digital pipeline – DREAM pipeline

Digital Restoration EcoSystem for Accountable Management

In order to identify and track reconstruction-related tendering opportunities of international actors, one can also refer to the **Digital Restoration Ecosystem for Accountable Management (DREAM)**, which is a state digital ecosystem that provides a **single digital pipeline for all reconstruction projects**

Procurement types

Open Tendering	 Competitive method involving a public invitation to submit bids Allows for wide participation and ensures transparency
Selective Tendering	 Involves an invitation to a pre-qualified or pre- selected group of suppliers to submit bids Applied in specialized or complex projects
Direct Contracting	• Applied for procuring specific goods, works, or services needed in emergencies or for highly specialized requirements
Framework Agreements	 Established with suppliers to provide goods or services as needed during a specified period Allows for flexibility and efficient procurement
Request for Proposal (RFPs)	 Used when the contract requirements are not well-defined Allows for negotiations with bidders to refine proposals

Swedish companies may contribute to the rebuilding of Ukraine by engaging in local tenders on Prozorro



Using local public procurement system – Prozorro

- Swedish entities can participate in local Ukrainian public procurement procedures upon completing the registration on **public electronic procurement system Prozorro** via any of the e-trading platforms
- Registration with an e-trading platform **may require providing company details, paying a registration fee, opening a Ukrainian bank account**, etc. Procuring bodies may impose additional eligibility criteria, including **technical base, employees, experience** in similar contracts
- Evaluation is based on: (1) solely the lowest price; (2) several criterions, where the lowest price shall have 70+% of the total weight
- Announcements on procurement procedures shall be **published in English**, if the cost of procurement exceeds: (1) for goods and services EUR 130+ thsd,
 (2) for works EUR 5+ thsd

Ukrainian entities obliged to procure through Prozorro





Government bodies

Government-owned and related entities Local authorities

Procurement types

Negotiated Procedure	• Permits the direct award without a formal tender process when a contract is reached following negotiations (urgent procurement need, lack of competition, etc.)
Open Tender	 The most commonly used procurement method allowing for any tenderer to submit a bid Applicable for various procurement items
Restricted Tender	 Utilized for contracts exceeding EU thresholds and when the qualitative selection of bidders is needed Involves two stages, starting with qualification selection
Competitive Dialogue	• Can be employed for works or services when a contracting authority cannot specify the exact technical or qualitative characteristics, necessitating negotiations

Swedish companies may explore <u>different options for engaging</u> in Ukraine, varying in scale and depth of involvement

Each key model for engaging in Ukraine requires several steps to ensure success

Model	Supplying to Ukraine Directly	Establishing a Partnership with a Ukrainian Company	Setting up a Local Presence, greenfield or by acquisition
Key Benefits	 Minimized risk exposure from war-related disruptions Agility in adapting to a rapidly evolving environment Complete control over pricing and distribution channels Opportunity for higher profit margins Direct access to market intelligence 	 Employing a "Minimal Presence" strategy as a springboard for future growth Capitalizing on established business networks and relationships Sharing risks and costs with partners Gaining access to local market insights and expertise Support in supply chain and custom clearence 	 Access to a range of government investment incentive programs Enhanced opportunities for securing procurement contracts Increased brand visibility and recognition Direct interaction with customers and real-time feedback Potential for sustainable growth and market leadership
Key disadvantages	 Restricted market knowledge and access Complex customs clearance and imports if not handled by the buyer Possible logistical and regulatory obstacles Challenges in establishing strong customer Connections Increased of operational expenses and risks 	 Reduced control over operations and brand management Risk of conflicts with the partner Shared profits with the partner Reliance on partner's performance 	 High initial investment and ongoing costs Navigating complex legal and regulatory frameworks Cultural adaptation and local market understanding Longer time to establish market presence Direct exposure to Ukrainian market risks

With growing demand for various types of equipment for municipal infrastructure, supplying directly to Ukraine is an efficient strategy to establish a market presence

Crucial steps 1. Evaluate the market and regulatory compliance for your product Research is essential before launching export efforts, including evaluating market size, demand, competitive landscape, identifying key stakeholders, and opportunities Ensure regulatory compliance by familiarizing yourself with Ukrainian import regulations, product certification requirements, labeling standards, and any relevant trade agreements between Sweden and Ukraine Engage with local consultancies, government agencies, or business associations can provide valuable insights. The Business Sweden team in Kyiv can assist with market analysis to support your business venture 2. Build market presence Develop a targeted marketing strategy to reach potential customers in Ukraine, taking into account language, cultural nuances, and preferred communication channels · Obtain necessary certifications and ensure compliance with labeling standards, if required Attend industry events to connect with potential buyers and distributors, these are common within Ukraine, and events like the Rebuild Ukraine conferences in Poland also target a relevant audience Identify potential customers and formalize agreements in accordance with Ukrainian legislation 3. Develop effective logistical arrangements and coordinate customs clearance Ensure that reliable delivery routes are planned and secured before committing to contracts. This includes coordinating transportation, managing warehousing, and preparing for smooth handling of goods throughout the supply chain. • Address all legal aspects, such as customs clearance, taxes, duties, and product certification, to guarantee compliance with Ukrainian regulations. This will help avoid delays and ensure a seamless export operation. Agree on suitable INCOTERMS with the buyer · Consider referring to Business Sweden Trade and Invest Facilitation team in Stockholm for respective support 4. Explore relevant export credit guarantees Various options may be available to mitigate risks in export operations to Ukraine-such as Swedish EKN for exports from Sweden or other European ECAs if operating through a subsidiary in the respective country 5. After-sales support Offer technical support and troubleshooting assistance to Ukrainian customers remotely or through a local service partner Establish a clear warranty policy and process for handling any warranty claims or product returns

One potential strategy is <u>forming a partnership</u> with a Ukrainian entity, which, while requiring more effort, can generate significant mutual benefits

Crucial steps							
 Seek expert guidance in finding a fit Determine the specific type of partnership you require, such as a distributor, agent, technical integrator, franchisee or reseller Various organizations can help you find the right partner: business associations (e.g., European Business Association), industry unions (e.g., Association "Ukrvodokanaltechnologies"), and government bodies (e.g., Regional authorities) The Business Sweden team in Kyiv is open to inquiries, leveraging its strong network in Ukraine 		 2. Ensure thorough verification and due diligence of potential partners Swedish companies should investigate potential partners by: reviewing legal, tax, and reputation records; assessing political ties of owners and management; verifying relevant experience, e.g., foreign partnerships Refer to legal advice via local law offices at both partner verification, negotiations and closing stage 					
 3. Comply with local regulations Building strong logistics for the partnership (e.g., distribution, ten Establish a partnership agreement that clearly defines the respons 4. Joint sales strategy 		0 0					
	 4.2. Joint financing efforts Explore opportunities to secure funding for municipal sector projects, including grants, loans, and investments Actively participate in local and international tenders for the procurement of goods and services in the municipal sector.(For more details refer to p.12) Utilize your partner's knowledge of available funds and government support programs that may provide financing for your product or service 		 4.1. Ukrainian EPC, engineering, and construction companies Identify companies involved in the design and procurement of municipal projects that may benefit from your solutions Consider construction firms that have won international tenders, leveraging your local partner's knowledge for effective engagement Establish relationships with these companies to integrate your products or technologies into significant infrastructure 				

- of specialists for high-quality customer service
- Establish a joint after-sales service system covering technical support, repairs, and spare parts supply

As the Ukrainian government continues to enhance the business environment for reconstruction, establishing a local presence is an effective market entry strategy

Crucial steps 1. Explore Pre-vetted Investment Opportunities and Sites from Local Institutions Ukraine offers strong investment support, with free services from government and donor-backed institutions like UkraineInvest and Advantage Ukraine, featuring catalogues of pre-selected opportunities and sites At every stage of the selection process, rely on local legal experts experienced in facilitating foreign investments Acquire an existing company and integrate into corporate structure 2. Evaluate the Market and Regulatory compliance for Your Product Research is essential before launching export efforts, including evaluating market size, demand, competitive landscape, identifying key stakeholders, and opportunities. Ensure regulatory compliance by familiarizing yourself with Ukrainian import regulations, product certification requirements, labeling standards, and any relevant trade agreements between Sweden and Ukraine Engage with local consultancies, government agencies, or business associations can provide valuable insights. The **Business Sweden team in Kyiv** can assist with market analysis to support your business venture 3. Build market presence Develop a targeted marketing strategy to reach potential customers in Ukraine, taking into account language, cultural nuances, and preferred communication channels Obtain necessary certifications and ensure compliance with labeling standards, if required Attend industry events to connect with potential buyers and distributors, these are common within Ukraine, and events like the Rebuild Ukraine conferences in Poland also target a relevant audience Identify potential customers and formalize agreements in accordance with Ukrainian legislation 4. Streamline Logistics, Customs Coordination, and Warehousing Ensure reliable delivery routes are planned and secured prior to contract commitments, encompassing transportation coordination, warehousing management, and preparation for seamless handling of goods throughout the supply chain Address all legal aspects, including customs clearance, taxes, duties, and product certification, to ensure compliance with Ukrainian regulations, thereby minimizing delays and ensuring a smooth export process 5. After-sales support Offer technical support and troubleshooting assistance to Ukrainian customers

· Establish a clear warranty policy and process for handling any warranty claims or product returns

Swedish private sector must <u>act swiftly to secure market opportunities</u> in Ukraine's post-war reconstruction

- Considering Ukraine's benefits, such as its strategic position, skilled and educated labor force, attractive cost levels, substantial natural resources, global significance in agriculture, metallurgy, and mining industries, future reconstruction efforts will be immense, with an unprecedented demand for international technology in the European market
- If Swedish businesses want to take part in rebuilding Ukraine, they must start acting now by exploring various options to engage in the market—from low footprint options such as hiring Ukrainian experts in Sweden to heavy presence by operating on the ground and engaging in public-private partnerships (PPP)

Hire Ukrainian expertise	Direct Sales	Sourcing from Ukraine	
To evaluate opportunities in the Ukrainian market and support Ukrainian refugees, consider hiring Ukrainians currently residing in Sweden. They can provide valuable local expertise to your team, contributing effectively to the rebuilding initiatives	Entering the Ukrainian market through direct sales can serve as a strategic initial step to understand the market dynamics and build a presence while minimizing effort and costs. With growing demand on goods and service, this approach can lead to significant market share expansion in the future	Ukraine possesses substantial natural resources, including iron ore, manganese, coal, titanium, uranium, natural gas, and oil. Given Ukraine's proximity and Sweden's strategic interest in diversifying supply sources, there are promising export opportunities for to capitalize on	
Establishing a Partnership with a Ukrainian Company	Operation on the ground	Public-Private Partnerships	
A partnership with a Ukrainian company as a strategy for market entry through imports, marketing and distribution, providing local market insights. Local partners can navigate business culture and offer support in supply chain and customs. When selecting distributors and partners, a thorough due diligence, onboarding and management strategy is necessary	Establishing an on-the-ground presence requires substantial effort in entity registration and understanding local regulations, and unlocks opportunities, such as access to government investment incentives and enhanced procurement prospects. Suitable for large business volumes and a long-term perspective	Ukraine is expanding its PPP initiatives to enhance municipal infrastructure, which is crucial for post-war reconstruction. This presents a significant opportunity for Swedish companies, as Ukraine aims to adopt modern, sustainable technologies—an area where Swedish firms excel. This strategy involves long term commitment to the market and ownership of assets in-country	

BuS is gradually expanding the team in Ukraine and is also utilizing the full BuS resources of in our headquarters, Europe and globally

Status	Andreas Giallourakis	Yevhenii Shakotko	Oksana Tkachuk	Marharyta Sahalevych
	Trade Commissioner Ukraine	Project Manager Ukraine	Project Manager, Energy and Electricity Lead	Consultant, Municipal Infrastructure Lead
	Responsible for Business Sweden's operations in Ukraine	Business Sweden's first local team member in Kyiv since October 2023	Business Sweden's local team member in Kyiv since June 2024	Business Sweden's local team member in Kyiv since June 2024
Ukraine BuS HQ Other BuS presence in Europe	 Previously Market Area Director Africa and Trade Commissioner to Kenya as well as Market Area Director Eurasia and Trade Commissioner to Russia 17+ years of international experience in trade and investment promotion, entrepreneurship development, military affairs and finance in emerging markets 	 Previously Deputy Executive Director, Head of Legal at UkraineInvest, Government Expert at Ukraine's Ministry of Justice, and other roles within governmental and business settings in Ukraine 8+ years of experience in investment promotion, government relations and policy reform 	 Previously Head of Investment Advisory Department at UkraineInvest and Adviser to the Deputy Minister at Ministry of Energy of Ukraine 12+ years of expertise in international cooperation, investment promotion, project management and strategic leadership 	 Previously Lead Business Development Manager and Project Manager in the private sector, with a track record in managing large- scale and multimillion- euro projects 5+ years of experience in international investment, project management and business development, emphasizing sustainable solutions
has boots on the ground in the capital, Kyiv	andreas.giallourakis@ business-sweden.se +380 (99) 668 60 84	<u>yevhenii.shakotko@</u> <u>business-sweden.se</u> +380 (66) 630 81 99	oksana.tkachuk@ business-sweden.se +380 (96) 719 88 14	<u>marharyta.sahalevych@</u> <u>business-sweden.se</u> +380 (97) 817 45 47

Business Sweden Core Team in Kyiv

Business Sweden has a unique governmental and private sector mandate to provide support to Swedish companies around the world

AN OFFICE NETWORK WITH INDUSTRIAL EXPERTISE ON ALL CONTINENTS...

ENERGY TRANSPORT & AUTOMOTIVE			COMMERCIAL AGENDA [ORGANIC GROWTH]	When you need to plan, set and drive your organic growth agenda , including strategic market expansion aspects, such as market selection or market entry analyses, as well as more operational sales acceleration aspects, such as finding new customers or partners or winning a local tender
INDUSTRIALS			MERGERS & ACQUISITIONS [INORGANIC GROWTH]	When you are pursuing in-organic growth and need deal cycle advisory support , including setting an acquisition strategy, identifying and qualifying potential prospects, specific tech scouting, joint ventures or post-merger support
LIFE SCIENCE & HEALTHCARE			PUBLIC AFFAIRS	When your business is affected by new policies or you are expanding into new markets where rules, regulations or opinions are different and local expertise or public stakeholder engagement is needed and you need support in navigating processes and strengthening relationships
	+40 ~500 IARKETS PEOPLE	+50 YEARS	SUPPLY CHAIN MANAGEMENT	When you need supply chain management support , such as setting your manufacturing footprint , identifying and evaluating your potential or existing suppliers or short-term risks and disruptions handling as well as searching for more proactive business intelligence monitoring
We shorten time to mark	ket, find new revenue stree	ums and minimise risks	BUSINESS INCUBATION & OPERATIONS	When your company needs hands-on support on administrative and legal matters on your markets, such as legal establishment, finding office space, finance and payroll support or finding the right people for your local operations
Passionate about the success of Swedish companies abroad and foreign companies in Sweden	Unique in combining analytical skills with key stakeholder access	Local, hands-on and agile	GOVERNMENT- ENABLED SERVICES	Support of finality the right people for your local operationsWhen your company is operating a field which is prioritized by Sweden, we perform invest promotion & advisory, small business programs, business delegations and events, mega projects, trade & invest facilitation and other subsidized services related to trade and invest in Sweden

... SUPPORTING COMPANIES THROUGH OUR CONSULTING SERVICES

