



Innovating for **Life.**

Company profile

www.iskraemeco.com



About us.

Iskraemeco stands as a globally renowned brand in energy and water management solutions, spanning the globe with its impactful offerings.

Leveraging over seventy-five years of extensive, hands-on experience, we have developed an in-depth understanding of customer challenges, which enables us to consistently deliver superior products, ingenious solutions, and impeccable services. Our influence extends across more than 80 countries, which is a testament to our far-reaching impact. Since 2007, we have been a vital subsidiary of the renowned Elsewedy Electric Group, with a shared vision for a smart, digital, and energy-efficient future. Collaboratively, the two entities strive to engineer innovative solutions to meet the world's growing energy and water demands.

As an industry pioneer, Iskraemeco is unwavering in its dedication to innovative digital products and services. Our cutting-edge offerings are tailored to resolve the most fundamental challenges faced by our valued customers. We are reimagining the energy and water industries, expanding territories, always keeping an eye on the future.

Our forte lies in crafting smart solutions and services tailored to the energy, water, and e-mobility industries. By synergizing our extensive experience and industry acumen with cutting-edge IoT and AI technologies, we enable our customers to harness the potential of data, thereby facilitating their digital transformation journey and seizing opportunities.

Today, Iskraemeco is embracing the limitless realm of digitalization and software development of energy and water industry. We place consumers at the center of our efforts and empower them with information that helps them reduce energy costs through enhanced efficiency and flexible demand response mechanisms. Moreover, our solutions improve the energy efficiency and resilience of communities by aligning environmental sustainability and digital transformation with pioneering technology and innovative strategies.

We are substantially reducing Non-Revenue Water (NRW) in the water sector and enabling communities to preserve this irreplaceable resource through digitalization.

As the world embraces clean transportation, our eMobility Solutions provide a diverse range of EV charging stations, management systems, and services to meet the rising demand for e-mobility and aid utilities in seamlessly integrating EV charging without compromising grid stability.

By expanding focus to software solutions, Iskraemeco asserts itself at the forefront of the digital transformation. Our commitment to innovation and cutting-edge technologies paves the way for new growth and prosperity. Central to our operations is the integration of digital platforms, which equips us with a robust data management framework. This catalyzes value creation and stimulates new initiatives. We wholeheartedly exploit data science initiatives that drive innovative solutions for energy consumption optimization, grid modernization, NRW reduction, streamlining operations, and the dual digital-green transformation.

Together with utilities and cities, we co-create sustainable networks that act as pivotal drivers of the green transition.





Sustainability in business language.

Sustainability is a guiding principle that we incorporate into our efforts and mission to co-create a better and more prosperous future.

Iskraemeco is actively engaged in improving its environmental and social footprint by providing sustainable solutions. We design our solutions, products and services and manage our business processes in a way to minimize the environmental impact, improve energy efficiency, preserve water usage, and mitigate emissions to the maximum extent practicable.

Innovation and technology.

New trends, customer needs and constantly evolving technology compel businesses to embrace changes, develop agility, and act swiftly. Iskraemeco has utilized its inventive abilities to create cutting-edge energy and water solutions, digital platforms, and services, employing emerging technologies such as artificial intelligence, rapid data transfer, reliable communication, and edge-computing.

Technology design center

We established a Technology design center that strategically manages future technology trends, enhances design processes, encourages creativity, and steers the global development of energy and water solutions. The Technology design center enables us to pool the best resources, bring diverse ideas and perspectives together and concentrate on key development efforts in a more effective manner.

Validation and lab services

Iskraemeco's teams are advancing the testing process by combining their efforts, industry knowledge, and customer insights. With its three components, the new testing center closely resembles environmental conditions. Our contemporary Validation and lab center offers variety of services from electromagnetic compatibility (EMC), accelerated lifetime tests (ALT) to calibration of the metering equipment to any interested stakeholders.



Manufacturing the future.

By leveraging years of experience, knowledge, and boundless invention, we built an agile, global manufacturing ecosystem focused on flexibility, quality, and continuity of supply.

As a global manufacturer of electricity and water meters, we are accredited to a variety of standards and certificates.

Localizing production

By localizing production, we can be more flexible, respond faster, assure short delivery times, and serve local demand more efficiently. We are closer to the markets where production is needed; we are growing regions and we are reducing risks to mission-critical infrastructure.

From Slovenia to Egypt, India, Malaysia, Argentina, Bosnia and Herzegovina, Nigeria, Zambia, and Tanzania, we have expanded our production footprint to all continents with a production area of over 100,000 square meters. Our standardized manufacturing approach allows us to support all our customers equally from any location, ensuring the same level of service and product quality. We adopted several emerging technologies that are geared toward automation and data sharing, including big data analytics and cloud computing combined with an IoT environment, advanced robotics, 3D printing, Mini Lab and the Augmented reality (AR). With computer vision technology and mixed reality, we are reshaping our customer experience and further boosting productivity.





Diverse offering for brilliant business.

As one of the leading energy and water solutions providers as well as a digital platform company, our aim is to provide our customers with products and services that help them overcome the challenges that lie ahead.

Iskraemeco has committed to always delivering high-quality, customized solutions and services. Our robust portfolio of smart meters, communication tools, software suites, and services lets us predict future needs for efficient energy and water management.



Meters and devices

Smartness begins here.

Connecting diverse networks and applications is only possible with support of wide variety of smart meters, devices, and sensors for energy, water, and e-mobility. Whether they are intended for residential or industrial environments, smart or prepayment meters, customized or turnkey energy and water solutions represent the beginning of the digital journey. Products based on the eIoT modular platform contain embedded Iskraemeco's Measuring Operating System (eMOS), which monitors and maintains the functionality and metrology of the hardware while also providing a platform for applications that integrate our products into a wider energy IoT system by combining an operating system technology and software development for meters.



Communication products

Leveraging the technology to succeed.

Using IoT devices with connected sensors, electricity, water, and gas usage data is monitored and collected. The collected data must subsequently be transmitted to a central exchange as quickly, accurately, and securely as possible. Iskraemeco's tools and accessories turn data into meaningful tool for future decisions.



Professional services

Delivering the results you expect.

Iskraemeco's rich portfolio of services supports every step of customers' project. Our expert teams are specialized in design, deployment, maintenance, and key upgrades. With our support the infrastructure of the utility is transformed into the powerful tool that frees up time and resources for core operations.



Managed services

Streamlined solutions for maximum efficiency.

Managed services address many challenges of digital transformations and represents a more holistic approach. Adopting our managed services will assist in minimizing price sensitivity, decreasing deployment time, enhancing cybersecurity, and mitigating AMI expenses. We support a broad range of advanced capabilities, including meter data collection, analytics, meter data management, customer interaction, and workforce management.



Energy
solutions



Water
solutions



Digital
platforms



eMobility

Smart infrastructure solutions.

In today's changing world, new and exciting opportunities are constantly on the horizon. As the world transitions to a more sustainable future, energy and water solutions are becoming increasingly important.

By incorporating industry trends into our strategy, we bring to market the solutions and technologies that offer significant benefits to our customers and partners.



Energy solutions

Digitalization, cutting-edge technologies, and new business models are reshaping the energy industry, presenting numerous opportunities. At Iskraemeco, we are focused on providing advanced and innovative solutions for efficient electricity management. With a strong emphasis on sustainability and energy efficiency, we offer smart metering solutions, grid management solutions, and other innovative products and services to help our customers optimize their electricity consumption, reduce their carbon footprint, and empower their end users.

- Digital grid
 - Grid monitoring
 - Grid observability
 - Grid flexibility
 - Grid topology
 - Digital Twin
- Smart prepayment
- Smart metering
- Smart lighting management system - Elumia



Water solutions

Water scarcity and management challenges are pressing issues globally, and Iskraemeco is dedicated to addressing them with innovative solutions. We offer smart water metering solutions, leak detection systems, operational efficiency monitoring, revenue protection, and other technologies to enable efficient water management, conservation, and sustainability for cities, municipalities, and industries around the world.

- Operational efficiency
 - Smart pumping optimization
 - Operational visibility
 - Asset management
 - Digital leak management
- Revenue protection
 - Meter data asset management
 - Key customer monitoring
 - Billing/Commercial system
 - Meter data collection
 - Customer portal
 - Prepayment



Digital platforms

As data becomes the driving force of the modern world, our company is at the forefront of data management innovation. We develop digital platforms that "transform data into knowledge" empowering our customers to make data-driven decisions to enhance efficiency, performance, and sustainability across various industries. By seamlessly collecting, processing, and analyzing data using interconnected applications, our customers gain valuable insights into the rapidly evolving behavior and interactions of end users, allowing them to make informed decisions.

- eloT EDGE compute module
- Symbiot
 - Symbiot Twinner
 - Symbiot HES
 - Symbiot MDM
 - Symbiot FieldAssist
 - Symbiot Elumia
 - Symbiot Water



eMobility

As the world transitions towards clean transportation, we are offering cutting-edge charging solutions for electric vehicles (EVs) while ensuring grid stability. We offer a wide range of standard and fast EV charging stations, management systems, and related services to support the growing demand for e-mobility solutions. Features like demand side management, load balancing, and grid-friendly charging profiles help utilities and grid operators manage the impact of EV charging on the grid. This enables seamless integration of EV charging into the grid infrastructure without causing disruptions or instability in the electricity grid.

- Charging stations for business, commercial and residential areas
- Charging stations for public locations
- Integration of eMobility solutions with energy management systems
- CPO and asset management software systems



Mission.

Iskraemeco supports its customers in mastering their digital transformation journey toward a more sustainable and efficient future.

Vision.

We aim to be one of the most innovative platform companies in tackling energy, water, and cities challenges while advancing sustainable living.

Our values drive us.

- We foster **cultural diversity, collaboration** and **teamwork**.
- We act with **integrity**.
- We strive for **excellence**.
- We commit to **win**.
- We **innovate** to **make a difference**.

Quick facts.

- Global company with local footprint
- Sharing expertise since 1945
- Transforming data into actionable insights through Digital platforms
- Offering end-to-end solutions for energy, water, and eMobility
- Operates 9 regional production facilities and service centers
- Technology design centers located in Slovenia, India, and Egypt
- Sustainable innovation trendsetter
- Supporting digital and green transformation
- Partner of choice
- Committed to innovation, constantly refining our products and services
- Exporting to over 80 countries
- Employing over 1500 individuals globally





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