GREEN SOLUTIONS CATALOGUE

ACCELERATING SUSTAINABILITY AND INNOVATION WITH SOLUTIONS FROM LITHUANIA



INTRODUCTION

Dear Prospective Partners,

This catalogue is intended to introduce international partners to the green technologies and eco-friendly practices developed in Lithuania.

Within these pages, a diverse array of solutions designed to address global environmental challenges can be found. Our offerings include :

- sustainable **agricultural innovations;**
- green **construction and infrastructure solutions;**
- state-of-the-art **renewable energy technologies;**
- innovative offerings for **recycling and reusing;**
- **sustainable governance and management** systems and consulting;
- **water management and treatment** installations;
- and **other environmentally friendly solutions** such as air pollution sensors, healthy fast food solutions and more.

Each solution reflects Lithuania's commitment to sustainability and innovation.

The information presented in this catalogue has been meticulously gathered through extensive consultations. Each entry provides information on the green products and companies. Products are assessed across five key aspects:

price (speficied or customizable),
greenness (what makes it green),
current markets (current geographical reach),
markets of interest (preferred development and other markets),
status of the product (prototype, pilot, scale or clarified otherwise).

In addition, each business has evaluated its alignment with 17 Sustainable Development Goals (SDGs). Furthermore, you will find detailed descriptions of how each product works, offering insight into their practical applications and benefits.

We invite you to explore the pioneering projects and initiatives that position Lithuania as an emerging leader in green solutions. It is our sincere hope that this catalogue will serve as a foundation for fruitful development cooperation, driving collective efforts towards a greener, healthier, and more sustainable world.



SOLUTIONS SUMMARY

Company	Product	Product status	Page
Agricultural innovations			
AUGA tech	Sustainable agricultural technologies: • M1 - bio methane-powered tractor • E1 - multi-modal electric agricultural platform • Sustainable feeding technology	M1 - pilot. E1 and sustainable feed production and feeding technology - prototype	5
GJ Magma	Sustainable and cost-effective regeneration of degraded soil	Pilot (first working versions of the product)	7
Nando	Biofertilizers	The products are fully developed. The company is a leader in the Baltic region	9
Construction and infrastructure			
Jūrės Medis	Sustainable construction technology and materials	Fully developed with extensive export experience	11
Lusety	Smart urban lighting ecosystem	Actively operating and ready to scale abroad	13
Modulina	Green building solutions	Fully developed and scalable pre-fabricated construction panels	15
Provectus Redivivus	Sound insulation solutions from recycled materials	Fully developed and applicable to various buildings	17
VMGcorp	Adapted engineered wood products and modular systems for each project	Ongoing pilot programs for panel renovation and modular construction	19
Energy technologies			
LightMirror	Sunlight reflective panels for energy economy	Piloted in Europe	21
Solet	Solar panels for home and business, electric vehicle charging systems	Customizable solutions and a long experience in the field	23
SoliTek	Integrated solar panels for railway/highway noise barriers	The largest solar energy solution producer in Northern Europe, piloting solar-integrated projects	25
Recycling/reusing			
Fivrec	Green direct recycling process for lithium-ion batteries and other critical raw materials	Pilot (first working versions of the product)	27

SOLUTIONS SUMMARY

Company	Product	Product status	Page
OBDEleven	Vehicle diagnostics device	Fully developed device usable with over 12 well-known brands	29
Recar	A marketplace for used car parts	Fully developed customizable system	31
Sustainable governance and management			
Ecogrant	RecyClass audit and support services for plastic waste management	Recyclass are accredited and experienced experts in plastic recycling business	33
MC Baltics	Professional consulting services on sustainable mobility solutions	Extensive experience in over 40 countries	35
NRD Companies	E-government solutions and consultancy	Customizable advanced solutions	37
Environmental Project Management Agency	Professional consulting on environment related matters	Solid experience in the field worldwide	39
Water management			
ARGINTA	Municipal water management solutions	Over 130 water management projects in Lithuania and abroad already completed	41
AUGUST ir Ko	Wastewater treatment systems	Fully developed with solid experience in application	43
Traidenis	Tailored water treatment solutions	Fully developed, widely applicable and scalable solutions	45
Other			
Deep Scientific	Cost-effective electrochemical sensors	A fully developed collection of sensors for monitoring and purification of air, water and soil	47
Burbuliukas ir Co, Fresh Post	Healthy fast food and sustainable packaging	Fully developed and looking for franchise partners	49
Burbuliukas ir Co, Respo	Water ionizer	Pilot (first working versions of product)	51

AUGA TECH: agricultural technologies

AUGA M1 (Technology Readiness Level (TRL) 8)

a biomethane and electric-powered tractor

AUGA E1 (TRL 6)

a multimodal electric agricultural platform that can handle various agricultural tasks (e.g., cutting, sowing, treshing)

Sustainable feed production and feeding technology (TRL 6)

optimised livestock farming with sustainable milk production

- To be defined at later stages
- Minimize environmental impact across the entire agricultural lifecycle
- Lithuania
- Nordic countries, European Union
- Pilot (AUGA M1) and prototype (AUGA E1; Feed production and feeding technology)



auga Tech

AUGA Tech, is a company indirectly owned by AUGA group, developing "Mission no cost to nature" technology portfolio aimed at changing the face of farming.



HOW IT WORKS

One AUGA M1 tractor can save 114 tonnes of CO2e emissions per year compared to conventional diesel tractors. AUGA M1 tractor uses biomethane, a renewable fuel produced from secondary raw material, which offsets more emissions per unit of energy in the production and use cycle than it itself emits.

AUGA Tech is also developing AUGA E1, a multimodal electric-powered platform, designed to handle all key farming cycle operations, complementary to AUGA M1. AUGA E1 will use standard and AUGA Tech modified implements to complete a range of agricultural operations. One AUGA E1 unit can save 56 tons of CO2e per year. Initial farm testing for this technology is set to begin in 2024. AUGA E1 does not only eliminate the need for fossil fuels but also offers economic benefits such as reduced operational costs and additional revenue source from grid-balancing capabilities during off-season.

In addition to AUGA Tech's agricultural machinery, a sustainable feed production and feeding technology, aimed at significantly reducing greenhouse gas emissions from milk production, has been pioneered. This patent-pending technology involves centralized production of sustainable feed, automated feeding systems, and advanced AI-driven monitoring of emissions.

BUSINESS

The company's technology portfolio includes AUGA M1, the world's first hybrid biomethane and electric-powered tractor for professional use, AUGA E1, a multimodal electric agricultural platform, and a sustainable feed production and feeding technology. By enlisting external financial and industry partners and successfully testing AUGA technologies, they will become accessible to farmers.

AUGA Tech's solutions enhance sustainability and efficiency in farming. AUGA M1 hybrid tractor operates on both electricity and biomethane produced from secondary raw materials of livestock farming activities, namely cow slurry and chicken manure, significantly reducing CO2 emissions compared to traditional diesel-powered machinery.

AUGA E1, a versatile electric platform, complements AUGA M1 by handling various agricultural tasks, such as cutting, sowing, treshing and more, with zero fossil fuel consumption. The feed production and feeding technology optimises livestock farming through centralised sustainable feed production, automated feeding processes, and AI tools used to monitor and reduce methane emissions, making milk production more sustainable and cost-effective.



GJ MAGMA: agricultural machine "Scarabaeus"

Agricultural machine "Scarabaeus"

transforms nonproductive and degraded soils into fertile land, dramatically reducing the cost and resources required for soil restoration.

LT Partnerships

- 95 000 Eur per unit
- Reduces the cost of soil restoration, amount of irrigation water and mineral fertilizers
- Arid areas where 2-3 harvests are obtained per year
- Southern Europe, Middle East, North Africa, Sub-Saharan countries, Australia
- Pilot



Akcinė Bendrovė GJ MAGMA Uždaroji 1992

GJ Magma Ltd. is a pioneering company specializing in the exploration of solid minerals and the development of innovative technologies to enhance soil fertility.

2 ZERO HUNGER

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

15 LIFE ON LAND

HOW IT WORKS

The Scarabaeus technology revolutionises soil restoration by inserting organic soil improvers directly into plant growth lines, minimizing the amount needed by up to five times compared to traditional methods. This method is particularly advantageous in arid regions, where water and nutrient conservation are critical. The technology's effectiveness has been proven in unfavorable conditions in Lithuanian sand-gravel quarry soil, similar to the Sahara soil in terms of properties, and the desert conditions of Tabernas, Spain, where crop yields were comparable to those from fertile soils.

Using traditional methods, restoring nonproductive soil can cost up to 4,500 euros per hectare when using granular manure. In contrast, the Scarabaeus technology can achieve the same results for just 900 euros per hectare. On 31 January 2025, GJ Magma Ltd. completed project financed by the Recovery and Resilience Plan "New Generation Lithuania", which resulted in the development of an innovative organic soil improver "SaproStraw" made of sapropel and straw. By applying SaproStraw with Scarabaeus technology, the cost of modifying nonproductive soil into fertile soil per one yield can be only about 250 euros per hectare.

BUSINESS

GJ Magma Ltd.'s core activities revolve around the exploration of solid minerals such as gravel, sand, clay, dolomite, and peat, as well as assessing the environmental impact of mining.

However, most innovative contribution to sustainable land use is the development of the "Scarabaeus" technology, designed to modify nonproductive or degraded soils into fertile land efficiently and cost-effectively.



The technology is especially valuable in regions like Southern Europe, the Middle East, North Africa, Sub-Saharan Africa, and Australia, where two or three harvests per year are possible, and the need for sustainable soil management is critical. By reducing the amount of irrigation water and mineral fertilizers required, Scarabaeus technology reduces environmental impact including possible groundwater pollution.

NANDO: biofertilisers

“Bio NPK Powder S”

- promotes healthy and strong plant growth
- strengthens the plant’s resistance to drought
- promotes soil biodiversity

“Biotero”

- accelerates straw mineralisation
- manages mold and toxin formation
- improves soil structure

20 to 25 euro per hectare or customizable

The products are Ecocert certified, confirming compliance with organic farming standards

More than 30 countries in Europe, North America, South America, Africa, Middle East and Asia

Upper middle income countries and lower middle income countries

Scale



nando

Nando is a biotechnology company that develops and manufactures high-added-value microbiological products and chemical additives for agriculture and industry.

HOW IT WORKS

The beneficial microorganisms of "BioNPK Powder S" convert nutrients (N, P, K, Si) into forms accessible to plants and promote their uptake. Mycorrhizal fungus, by colonising plant roots, increases the sorption **capacity of nutrients** (especially P) and water and provides protection against pathogenic microorganisms. Trichoderma viride fungus, by secreting bioactive compounds, **promotes plant growth** and increases plant resistance to stress factors. Crop residues are a valuable source of organic matter as well as micro- and macroelements when applied to the soil.

Microorganisms of "Biotero" play a key role in the decomposition of residues and **circulation of nutrients** as well as the **formation of humic compounds** in soil. They produce extracellular enzymes to decompose organic material into accessible nutrient elements: carbon, nitrogen, and phosphorus.



BUSINESS

“Nando“ portfolio consists of microbial biostimulants which enable farmers to optimize fertilizer use and adjuvants which help to make sure that all spraying activities would be done as efficiently as possible.

Boasting a significant R&D center in Northern Europe and partnering with research institutions and universities globally, "Nando" has successfully developed a portfolio of over 50 specialised products:

- Bacteria, fungi and other biostimulants for plant growth enhancement and residue degradation
- Microbiological and technological solutions for seed and fertiliser producers
- Surfactants to improve the potential of plant protection products and fertilisers and the efficiency of the mixtures used

“Nando”, established in 2007, today is the leader in its field in the EU and "Nando” aims to become a global biotechnology innovator, with solutions that create economic benefits and sustainability in all sectors of agriculture and industrial applications.

JŪRĖS MEDIS:
sustainable construction materials

Climate-friendly and durable construction materials:

- straight and bent laminated timber building structures;
- massive wood beams;
- wooden roofs.

Customizable

Negative CO2 emissions; positive impact of the environmental aspects of the whole life cycle of the building

Worldwide

Ukraine, Moldova, UK, Australia. Interested in expanding in EU, US, South Korea

Scale



Jures since 1974 glulam

UAB Jūrės medis produces straight and bent laminated timber building structures, massive wood beams connected along the length of wooden roofs. Their products are made from spruce and pine timber, using melamine glue.

3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
15 LIFE ON LAND

HOW IT WORKS

Some elements in a building have to ensure stability, strength, and fire resistance, while also providing aesthetics, breathability, and noise and temperature insulation. In such cases, glue laminated timber (glulam) structures are used. Glulam structures, like all wooden products, are environmentally friendly because they lock CO2 inside. Wood is lighter than many other materials and can be easily transported long distances. Thanks to characteristics of wood, wooden buildings provide comfort in high and low temperature regions and are more resistant in seismic zones.

The company's experience producing glulam products dates back to 1974. The production site and machinery allow for the production of straight and bent load bearing elements up to 40 meters in length and up to 2,5 meters in height. Such elements can be joint together, allowing them to cover a wide span between supports. The widest span between supports where company's products were ever used was 80 meters. "Jūrės medis" products have also been used in construction of schools, kindergartens, bridges, supermarkets, pools, airports, sport halls, stadiums, churches, warehouses, administrative buildings, multistore parking, individual and multistore buildings, log houses, and industrial and agricultural buildings.

The aesthetic, load bearing and technical characteristics of glue laminated timber structures are the best (and sometimes the only) option in the construction of various public buildings.

BUSINESS

UAB "Jūrės medis" produces straight and bent laminated timber building structures, massive wood beams connected along the length of wooden roofs. The company started it's production supply 50 years ago. Timber solutions are made from spruce and pine timber, using melamine glue. Extensive experience and high quality of products is approved by the quality certificate of the German Otto Graf Institute for strength classes A, GL24, GL28 and GL32 (EN14080). The company is FSC, ISO9001 and ISO14001 certified. All products are accompanied with Environmental Product Declarations (EPD).

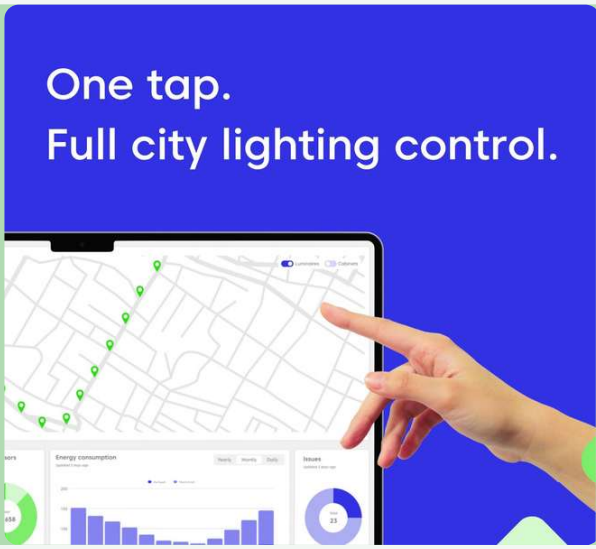


LUSETY: smart city lighting management

Smart urban lighting ecosystem

that turns city infrastructures into connected, remotely managed networks and reduces energy and maintenance costs by up to 80%.

- Tailored to each customer's needs
- Centralized management, reduced energy consumption and CO2 emissions by up to 80%, faster fault response by up to 60%, predictive maintenance capabilities, adaptive lighting
- Lithuania
- Europe
- Scale



Lusety

UAB Lusety gives cities full control over their public lighting through a centralized urban lighting management platform that connects luminaire controllers, cabinet controllers, and motion sensors.



HOW IT WORKS

Lusety's system connects cabinet controllers, luminaire controllers, and motion sensors, all integrated into one urban lighting management platform. This setup allows city managers to centrally manage, monitor, adjust, and automate public lighting remotely. Authorized personnel can track the entire network's status in real-time, quickly identify malfunctions, and take immediate action.

The combination of hardware and software enables predictive maintenance, reducing downtime and significantly lowering operational costs. Furthermore, customizable illumination scenarios, centralized control, and real-time data extend the lifespan of luminaires, thus minimizing waste and light pollution in densely populated areas. With remote management and predictive maintenance, cities can avoid unnecessary repair trips and routine checks, conserving both time and resources.

Lusety's solution is not only cost-effective but also highly scalable, making it ideal for all urban environments, from a single street to entire metropolises.

BUSINESS

Lusety revolutionizes urban lighting with smart management solutions that help cities of all sizes drastically reduce energy consumption without sacrificing illumination quality or public safety. The company transforms urban lighting infrastructures into connected networks that pave the way for smart cities.

By using real-time data, municipalities can centrally manage their lighting infrastructure, optimize public lighting, control their urban networks remotely, minimize light pollution in densely populated areas, and cut their carbon emissions by up to 80%.

As the company states, with Lusety, cities don't just light up. They become brighter, greener, and smarter.







MODULINA:
green building solutions

STRAW PANELS

- thermal insulation (λ- value comparable within natural material range)
- designed for integration in airtight building systems
- tested wall systems for fire performance (full assembly)
- fast and efficient assembly
- natural carbon storage (CO2 sequestration in bio-based materials)

Depends on project specifications

Technologies are designed based on circular economy requirements

Lithuania, Denmark, Germany, UK

European Union, Ukraine, North and South Americas, East Asia, Japan

Scale



modulina
STRAW PANELS

UAB Modulina specializes in manufacturing prefabricated load-bearing straw panels. Compressed straw insulation is combined with a precision-engineered timber frame, thus creating high-performance, eco-friendly building systems.

HOW IT WORKS

Modulina Straw Panels, is a prefabricated, load-bearing construction system, which combines compressed straw insulation with a structural timber frame creating high-performance and low-carbon buildings.

Designed with energy efficiency and natural thermal insulation in mind, Modulina Straw Panels reduce heating and cooling demands, while maintaining a healthy indoor climate.

Panels are made using locally sourced straw-a renewable agricultural byproduct-and timber that meets structural grade C24 standarts. Quick on-site assembly makes ds a cost-effective and environmentally sensible choice for residential and commercial buildings.

Modulina is committed to greener cities and healthier living spaces.



BUSINESS

Modulina prouds itself with pilot projects in Copenhagen (Denmark), Berlin (Germany) and Wales (UK).

Modulina is happily involved in social initiatives and projects in Ukraine.

Brand awareness is being formed in France, Sweden, Finland, Norway, Italy, Spain, Switzerland, Poland and in other European countries.

With constantly expanding reach, Modulina can customize production and delivery based on regional building regulations and sustainability goals.

For specific inquiries about availability in your country, please contact the company.



PROVECTUS REDIVIVUS: sound insulation solutions

Sound insulation panels

are made from recycled materials with zero-waste manufacturing. The panels, combining recycled rubber, regenerated polyurethane, and plasterboard, offer enhanced noise reduction for residential and commercial spaces.

- Customizable
- Entirely from recycled materials, CO2-neutral, reduces waste and promotes circular economy principles
- European Union, with a primary focus on the Baltic States, Scandinavia, and Central Europe
- Developing economies across Eastern Europe, Asia, and Latin America
- Scale (advanced)



PROVECTUS
— REDIVIVUS —

Provectus Redivivus develops technologically advanced products from secondary raw materials, designed for the construction sector, manufacturing industry, and individual needs.

HOW IT WORKS

Company's flagship product, the sound insulation panel, is designed to reduce noise pollution in residential and commercial spaces.

It features a unique combination of a recycled rubber and regenerated polyurethane layer bonded to a 12.5 mm high-density plasterboard, offering sound insulation of 59-61 dB. The panels are lightweight, space-saving, and highly effective, providing a sustainable alternative to traditional soundproofing methods. Their products, under the Silence World brand, help to create quieter, more comfortable living environments while reducing environmental impact through waste recycling and CO2-neutral production.

These eco-friendly products address noise pollution while contributing to a cleaner environment and sustainable living.

BUSINESS

Provectus Redivivus specializes in developing innovative sound insulation solutions using recycled waste materials with a zero-waste manufacturing process.

Their technologies contribute to reducing environmental pollution, are zero-waste, and have no CO2 footprint.



VMG LIGNUM: Sustainable engineered wood products that change the construction world

High-performance engineered wood products

Integrated building system solutions

VMG LIGNUM

- Depends on product specifications
- Fully controlled supply chain, sourced from responsibly managed forests, verified through FSC® certification
- Europe, Australia
- Ukraine, North America
- Pilot



VMG LIGNUM manufactures and supplies premium engineered wood products: LVL, I-JOIST, and STRUCTURAL PARTICLE BOARD (P4-P7). We offer high-quality engineered wood products for residential, commercial, and public construction projects, available for direct purchase from our well-stocked warehouse. Our mission is to enhance construction companies' project flexibility and speed with a diverse range of engineered wood products and services. VMG LIGNUM develops building systems with prefabricated components for new construction projects as well as renovations using engineered wood products. VMG LIGNUM also offers an extensive range of versatile building design, structural modeling, and consulting services.



HOW IT WORKS

VMG Corp, through its subsidiaries VMG Lignum and VMG Lignum Systems, delivers a fully integrated, sustainable construction solutions based on engineered wood technologies. VMG Lignum manufactures Laminated Veneer Lumber (LVL) and structural particle boards (P5) from FSC®-certified, sustainably managed forests (License No. FSC-C166244). VMG Lignum uses these materials to produce high-performance I-JOISTs, where LVL forms the strong top and bottom flanges, and P5 structural board serves as the central web. These components are optimized for use in load-bearing structures—such as floors, walls, and roofs—offering excellent strength-to-weight ratio and stability. VMG Lignum Systems designs modular, prefabricated construction solutions that incorporate these products, reducing material waste, installation time, and emissions. Together, the group creates a climate-positive, circular construction model that supports decarbonization and sustainable development across the built environment.

BUSINESS

VMGCORP is a global investment management and green innovations company. VMGCORP is responsible for the strategic management of VMG GROUP, which operates in five strategic areas: furniture, wood products and components; engineered wood for construction; industrial automation & robotization; renewable energy; real estate and infrastructure development.







LIGHTMIRROR: architecture of reflective panels

Reflective panels

redirect sunlight into hospitals and care homes, reducing energy costs for lighting and heating.

Solution includes:

- hardware (panels and mounting systems);
- proprietary software for light-retracing and thermal modeling, optimizing panel placement and energy efficiency in healthcare facilities.

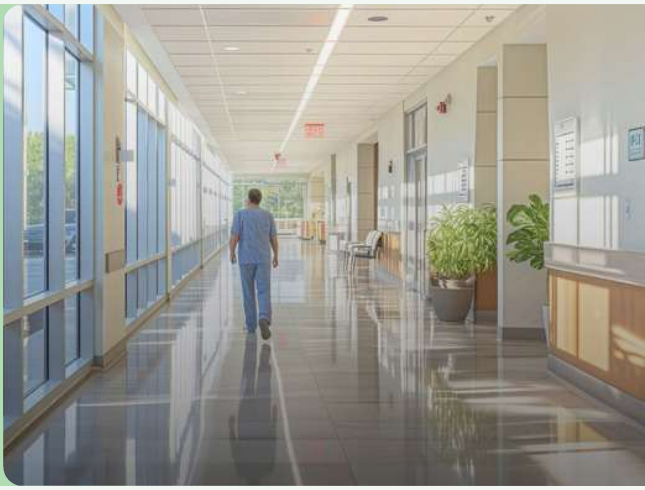
Customizable

Reduces electricity consumption; reduces carbon footprint, etc.

Europe, United States

Ukraine, other European countries

Pilot



LightMirror develops reflective panels that bring sunlight into hospitals and care homes, reducing the need for artificial lighting and heating.

HOW IT WORKS

LightMirror develops an innovative system of reflective panels and software to redirect natural sunlight into hospitals and care homes, significantly reducing their energy consumption and improving patient well-being.

Their solution consists of:

- Hardware: Specially designed reflective panels installed on building roofs and facades to capture and redirect sunlight. They also have PV reflective panel.
- Software: Proprietary light-retracing and thermal modeling tools that optimize panel placement and predict energy savings.

This integrated system increases indoor illumination by 10-30% during autumn and winter, cutting electricity costs for lighting and heating. By bringing more natural light into healthcare facilities, LightMirror creates a more healing environment that can speed up patient recovery and boost staff productivity.

Their technology addresses the critical issue of high energy consumption in hospitals, which in Poland use an average of 611 kWh/m2/year compared to the EU standard of 110 kWh/m2 for new healthcare buildings. LightMirror offers a simple, cost-effective solution to this complex problem, helping healthcare facilities reduce their carbon footprint while improving the quality of care they provide.

As company scales, it aims to expand their solution to other building types and integrate with existing energy management systems, revolutionizing how buildings harness and utilize natural light for energy efficiency.

BUSINESS

By installing reflective panels at the edges of roofs, natural light can be redirected into other buildings, making it a controllable asset that cuts costs and improves the overall well-being of patients and residents.

Company specializes in:

- Custom reflective panels for healthcare buildings;
- Proprietary light-retracing software for rapid feasibility studies;
- Integrating natural light solutions with existing infrastructure.

Key points for partners/customers:

- Significant energy savings (lighting and heating);
- Improved patient recovery through increased natural light;
- Minimal disruption during installation;
- Scalable solution with growing interest across Europe;
- Potential for rapid expansion, especially in Ukraine's reconstruction efforts.



SOLET: solar energy

Solar plants

generate renewable energy from sunlight

Battery storage

allows for efficient storage of excess solar energy

EV charging systems

support cleaner transportation and enhances energy efficiency and grid stability

- Depends on specifics
- The company considers and innovates the entire product life cycle to develop a green offering
- Sweden, Denmark, Georgia, Armenia, Moldova, Ukraine, Uzbekistan, Lithuania
- All regions
- Solid expertise in the field



Solet integrates expertise, innovation, and efficiency to drive the future of solar energy solutions, building-integrated photovoltaics (BIPV)

HOW IT WORKS

Solet's green solutions encompass the design and seamless integration of solar plants, battery storage systems, and electric vehicle (EV) charging stations tailored for both homes and businesses. Using advanced modeling software, Solet ensures each system operates at peak efficiency.

The company handles everything from installation to 24/7 maintenance, providing a reliable and sustainable energy source. This holistic approach not only reduces energy costs but also supports a greener future by enhancing energy independence and promoting the use of renewable resources.

Solet constantly works on applying innovative solutions towards the business processes and innovative solutions for the products they offer.



BUSINESS

Solet is at the forefront of the solar energy revolution, actively driving sustainable projects across various countries. With a strong presence in Sweden, Denmark, Georgia, Armenia, Moldova, Ukraine, Uzbekistan, and Lithuania, they have established themselves as leaders in the industry.

The company excels in the design and seamless integration of solar plants, battery storage systems, and electric vehicle (EV) charging stations. These solutions are tailored to meet the unique needs of both homes and businesses, ensuring optimal performance and safety.

They leverage advanced modeling software to maximize efficiency, and company's comprehensive services include everything from installation to 24/7 maintenance, providing reliable and sustainable energy solutions.

Solet focus on reducing energy costs, enhancing energy independence, and promoting the use of renewable resources. Their commitment to innovation extends beyond products to business processes, ensuring that their solutions are both economically viable and environmentally friendly. They aim to meet customer expectations while remaining competitive in the market, with a strong emphasis on responsible consumption, sustainable infrastructure, and climate action.

SOLITEK: integrated solar panels

Integrated solar panels:

a solar power solution to power railway/highway noise barriers. Solar-integrated noise barriers become dual-purpose: block the noise from trains/cars and generate free electricity simultaneously.

- Customizable. Approx. 15% more expensive than standard noise barriers
- Made using renewable energy only, 98,8% recyclable, 30-year warranty, 50-year lifetime
- Europe, United States
- Ukraine, African and other developing countries
- Pilot



SoliTek

SoliTek is the largest manufacturer of solar panels, integrated solar solutions, and smart energy storage batteries in Northern Europe.

HOW IT WORKS

SoliTek's solar panels integrated into railway/highway noise barriers, also known as photovoltaic (PV) noise barriers, not only serve their primary purpose of reducing noise pollution by blocking the noise generated by trains and vehicles but also offer an additional, significant benefit. While traditional noise barriers are designed solely to mitigate sound, PV noise barriers go further by harnessing solar energy to generate free, clean electricity.

These innovative PV noise barriers are a perfect example of multifunctional infrastructure, combining efficient transport infrastructure with sustainable energy production. The solar panels integrated into the barriers convert sunlight into electricity, which can be fed back into the grid or used to power nearby infrastructure, such as railway systems, lighting, or even local communities.

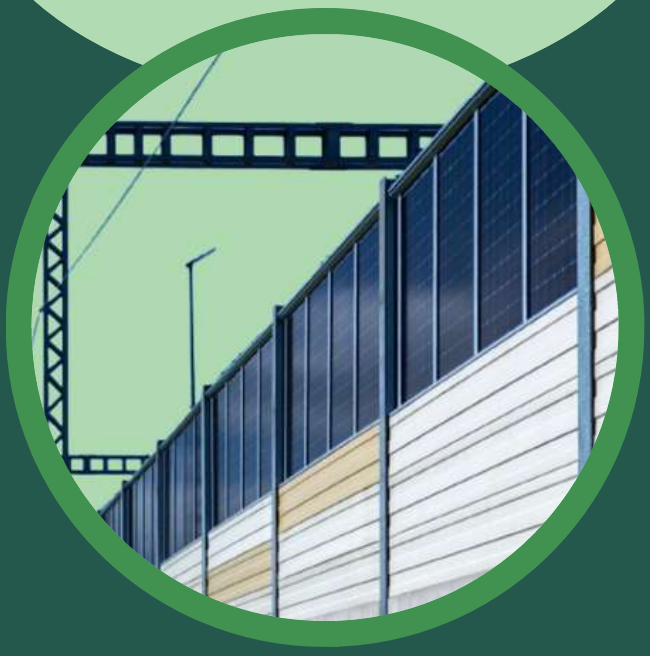
By integrating solar panels into noise barriers, SoliTek not only enhances the functionality of existing infrastructure but also contributes to reducing carbon emissions and promoting the use of renewable energy.

SoliTek solar panels are installed in the upper part of a regular railway/highway noise barrier. The solar panels block up to 30 dB of noise. It's estimated that a pilot 22 kW solar plant integrated into railway noise barriers will produce at least 15 MWh a year of clean energy, which will be used for railway or local community needs.

BUSINESS

Even as a manufacturer of renewable products, SoliTek seeks to make their production exceptionally sustainable. For that, SoliTek solar panels are recognized as the greenest in the world and have received the renowned Cradle to Cradle Gold certificate.

The company not only aims to make the footprint of its solar panels as small as possible but also to ensure they provide even more benefits beyond generating electricity, such as creating shade, reducing irrigation needs (agriculture-integrated solar panels), absorbing noise (noise barrier-integrated solar panels, heat (façade-integrated solar panels), etc.



FIVREC:
sustainable Li-ion battery recycling

End-to-end battery recycling solution

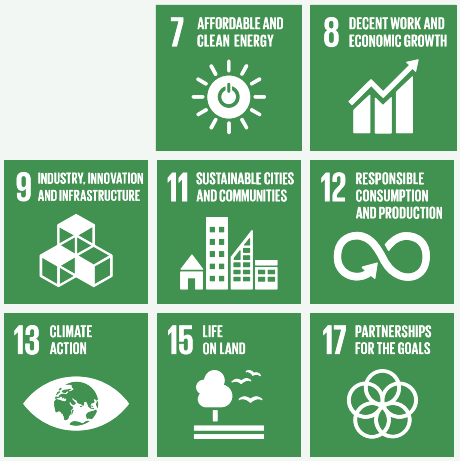
Safe, efficient recovery of valuable battery materials – cutting waste and CO_2 emissions

- Customizable, cost-effective and transparent
- Sustainable collection and recycling of critical raw materials, with a primary emphasis on lithium-ion batteries
- European Union
- Worldwide
- Pilot



FIVREC

Fivrec develops a green direct recycling process for lithium-ion batteries, enabling the recovery and reuse of active materials. Company's solution reduces waste, emissions, and raw material demand, supporting a sustainable and circular battery value chain.



HOW IT WORKS

Fivrec delivers a full-stack battery recycling solution — from collection to pCAM refinement.

Company handles safe collection, mechanical dismantling, and thermal pre-treatment, followed by hydrometallurgical recovery of critical materials. Their process enables direct regeneration of pCAM, supporting true battery-to-battery circularity.

All of this is backed by their digital client portal, which simplifies logistics, provides full traceability, and helps company continuously improve through real-time operational data.

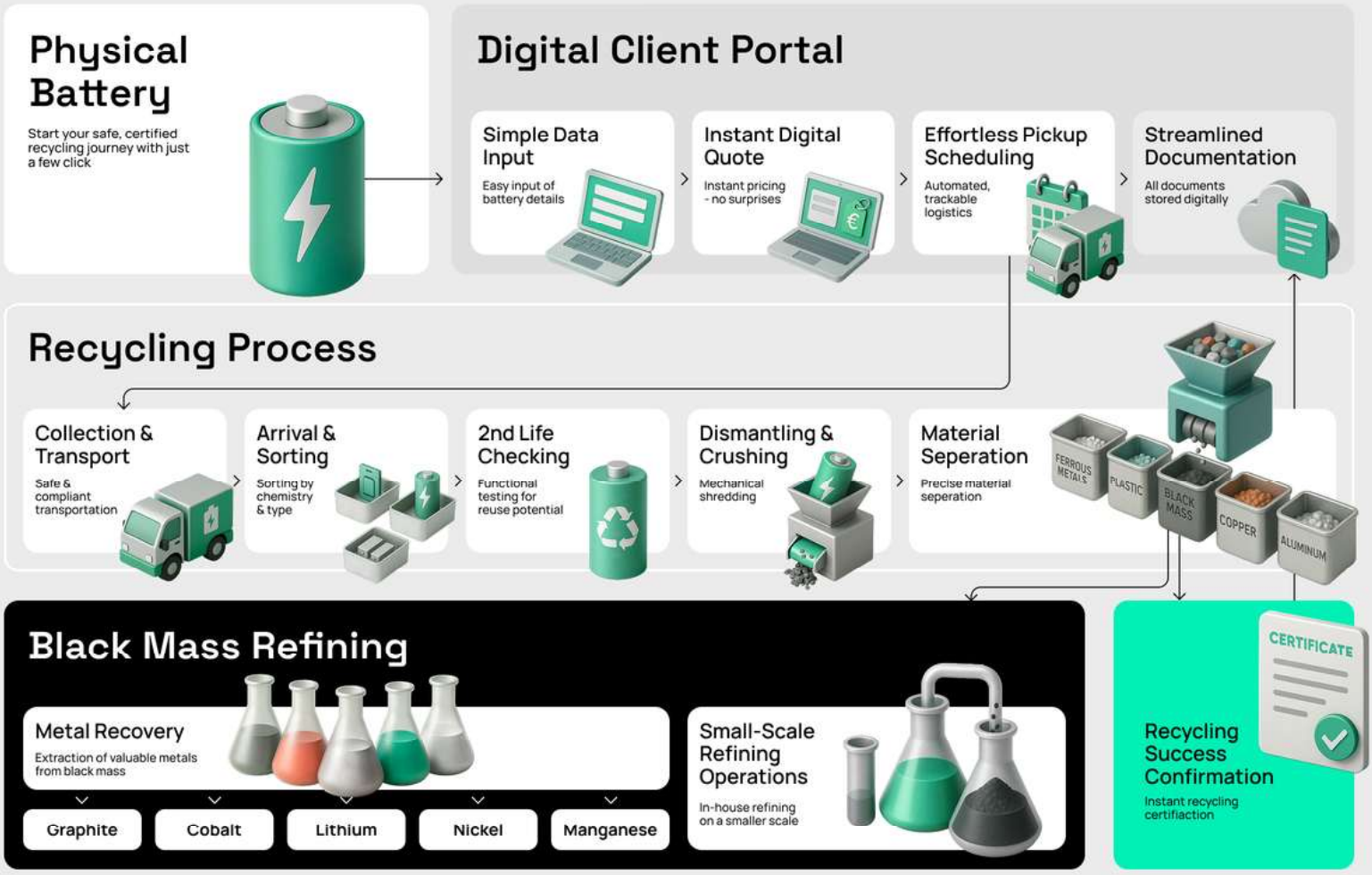
BUSINESS

Fivrec delivers scalable, science-driven battery recycling solutions that power the circular economy and reduce reliance on virgin raw materials.

The technology is designed to cut emissions, lower costs, and maximize material recovery, while remaining adaptable to real-world operational needs.

Company actively collaborates with OEMs, recyclers, logistics providers, and public-sector players to tailor and scale their solution across Europe and beyond.

As a lean, innovation-focused company, Fivrec combines deep technical expertise with agility — making them the ideal partner for those building the future of sustainable energy system.



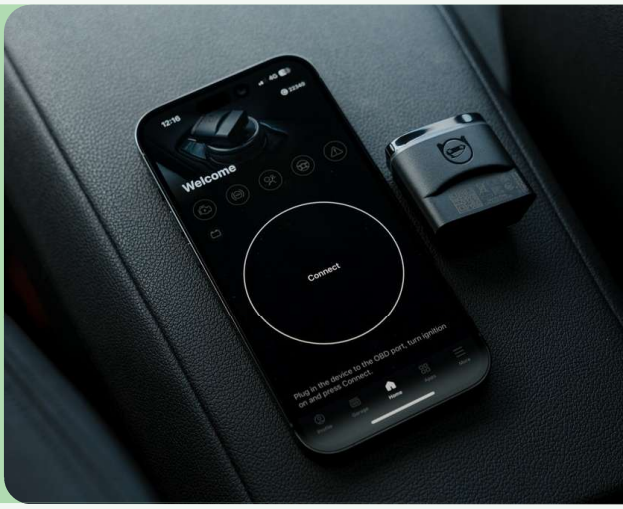
OBDeleven: vehicle diagnostics device

Smart diagnostics device for cars

helps users take care of their car, increase it's value and features and helps when purchasing a new car



- 60 Eur per unit (basic)
- Allows to prolong usage of existing vehicles through smart diagnostics
- Operates and ships globally
- All countries except Belarus
- Scale



OBDeleven

OBDeleven specializes in creating and manufacturing cutting-edge devices that empower users to diagnose car errors, enhance vehicle comfort features, and gain essential insights when purchasing a used car.

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

HOW IT WORKS

OBDeleven's innovative product **extends the lifespan of vehicles** by offering **smart diagnostic** solutions. Everyday users can perform dealership-level diagnostics directly from their smartphones. The accompanying mobile application not only identifies issues but also provides suggestions on how to fix them via Google, enhancing the user experience.

Additionally, the One-Click App's features allow users to unlock hidden comfort features, thereby increasing their vehicle's value. The Car Purchase Assistant offers crucial information about the car's history, helping users make informed buying decisions.

The company's product is designed to help users maintain their vehicles, increase their value, and provide peace of mind during the car purchasing process. As the most cost-effective diagnostic tool on the market, **it is especially beneficial for users in developing countries, offering the best value and features for money.**

The platform proudly operates and ships their products globally, ensuring that drivers everywhere can benefit from their innovative solutions.

BUSINESS

OBDeleven creates and manufactures devices that allow users to diagnose car errors, unlock hidden car comfort features and receive valuable insights when purchasing a used car.

OBDeleven has an official license from Volkswagen, BMW, Toyota Groups.



RECAR: a marketplace for used car parts

Comprehensive solution for managing and selling used car parts:

- business management tool to administer and integrate car parts into a marketplace
- helps reduce automotive waste, diverting usable components from landfills

The platform encourages the recycling and reuse of car parts, significantly reducing the need for new parts and the associated environmental impact. Company implements eco-friendly delivery methods to minimize their carbon footprint and support a sustainable future.

Depends on specifics

Helps reduce automotive waste, diverting usable components from landfills

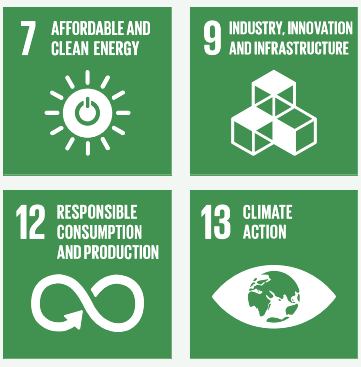
17 European countries :
14 members and 3 non-members of the EU

Ukraine and other European countries

Scale

RECAR

ReCar is committed to becoming the leading platform for used car parts in the EU, offering businesses the tools and support needed to operate efficiently while promoting environmental sustainability.



HOW IT WORKS

ReCar offers a comprehensive solution for managing and selling used car parts, integrating with popular e-commerce sites like eBay, Amazon, Google Shopping and our own Marketplaces - dalys.lt and Partversal (in the 17 different EU markets by the day) to maximize reach and streamline operations.

With the company's advanced control tower customers can boost team productivity and gain real-time visibility into their business.

The company continuously innovates and improves their services to meet user needs and industry trends, ensuring their clients stay competitive and environmentally responsible.



BUSINESS

Company's vision is **to be the go-to platform in the EU market for used car parts**, empowering businesses to operate efficiently and promoting environmental sustainability through the reuse of automotive parts.

- **Ease of Operation**: Make it effortless for sellers to establish and run their businesses in the EU market with the necessary tools and support.
- **Customer Satisfaction**: Ensure customers can easily find, purchase, and receive the used parts they need through a seamless and user-friendly platform.
- **Environmental Consciousness**: Prioritize eco-friendly practices throughout the supply chain, promoting the reuse of parts and implementing sustainable delivery methods to minimize environmental impact.

Company's business model incorporates eco-friendly principles, from product sourcing to customer delivery, ensuring every step of the process supports environmental sustainability.

ECOGRANT: services for plastic waste management

RecyClass Recyclability certification:

demonstrates that product or packaging is designed for recyclability

RecyClass Recycling Process:

certification scheme for companies processing waste into recycled materials

RecyClass Recycled Plastics Traceability:

certification scheme for companies using recycled materials in new plastic products

- Tailored to each customer's needs
- Reduces environmental impact of plastic waste through comprehensive recycling and certification processes
- Worldwide
- Worldwide
- Solid expertise in the field



ECOGRANT

ECOGRANT specializes in providing professional services to plastic waste collection, sorting, recycling, and manufacturing companies.



HOW IT WORKS

ECOGRANT provides end-to-end solutions, from waste collection to recycling and new product production, ensuring a streamlined process tailored to customer's needs.

The company's experts guidance simplifies compliance with EU regulations, including the PPWR (Packaging and Plastic Waste Regulation). Company integrates advanced technologies in plastic collection, recycling, and production, enhancing efficiency and product quality.

Additionally, ECOGRANT helps obtain RecyClass certification, boosting customer company's reputation, competitiveness, and EU market access.

By promoting the recyclability and traceability of plastic products, ECOGRANT ensures that waste is efficiently converted into reusable materials.

ECOGRANT's solutions comply with EU regulations, making them applicable and affordable in developing countries. Their services enhance market competitiveness while meeting customer expectations by certifying the entire product life cycle.

ECOGRANT's commitment to sustainability is backed by over 20 years of experience, advanced technology integration, and collaborations that boost the use of recycled plastics and reduce environmental impact.

BUSINESS

ECOGRANT provides a **comprehensive suite of services for plastic waste management**, specializing in collection, sorting, recycling, and certification for plastic packaging companies within the European Union markets. ECOGRANT works with plastic packaging companies to ensure their products are recyclable and made with traceable recycled materials. In collaboration with RecyClass, company supports the industry in improving the recyclability of plastic products, promoting the traceability of plastic waste, and boosting the use of recycled materials, enhancing sustainability and market competitiveness.

Their core services include **certifying the recyclability** of plastic products, **supporting the traceability** of plastic waste, **and boosting the use** of recycled plastics. Accredited with the **ES17065 standard** and in collaboration with RecyClass, we help businesses **adapt to new EU regulations, implement advanced technologies, and improve market competitiveness.**

With over 20 years of industry experience, company offers **tailored expertise and comprehensive end-to-end solutions**, ensuring **compliance** and enhancing **sustainability** for their clients.



MC BALTICS: consulting services

Development of Sustainable Urban Mobility Plans (SUMP):
creating detailed plans to optimize urban transport

Analysis and support on alternative Public Transport Options:
advocating for electric buses and other eco-friendly vehicles

CO2, alternative fuels and Emissions Assessments:
providing in-depth analyses and reporting

Eco-friendly Transport Solutions:
consulting on green transport strategies

Digitalization of Transport Processes:
enhancing efficiency through digital solutions

Capacity building:
providing clients with necessary training on their way to green transition



- Customizable
- Reduces environmental impact through innovative transportation solutions
- Europe and Central Asia
- Worldwide
- Solid expertise in the field

Mobility Consultants Baltics

MC Baltics, a subsidiary of MC Mobility Consultants, is a consulting firm supporting the transition to sustainable, low-carbon transport and infrastructure systems. Company combines strategic advisory, engineering expertise, and digital innovation to deliver practical, scalable solutions worldwide.

HOW IT WORKS

MC Baltics stands at the forefront of sustainable urban mobility, offering comprehensive consulting services that span engineering, research & innovation, and digitalization processes. Their core mission is to create safer, sustainable and more connected transport systems that cater to the unique needs of various regions.

The company's services include the development of Sustainable Urban Mobility Plans (SUMP), which optimize traffic flow, reduce congestion, and integrate sustainable transport modes such as electric buses. By focusing on alternative public transport options, they help reduce reliance on fossil fuels and lower emissions, paving the way for cleaner and more sustainable urban environments.

MC Baltics specializes in CO2 emissions assessments, providing detailed analyses that enable clients to track their carbon footprints and develop strategies to minimize their environmental impact. Their expertise in sustainable transport solutions includes consulting on the integration of renewable energy sources and vehicle efficiency improvements, tailored to the specific needs of each client.

BUSINESS

MC Baltics delivers integrated consulting services across sustainable mobility planning, transport digitalisation, and climate-focused infrastructure development. Their work covers the full project lifecycle – from strategy and policy design to technical implementation and capacity building.



A key component of their service offering is the digitalization of transport processes. MC Baltics implement intelligent transport systems, real-time data analytics, and digital platforms that enhance the efficiency and sustainability of transport networks.

Moreover, company is committed to supporting clients in their journey toward green transition through capacity-building initiatives and necessary trainings. They take a customer-centric approach, offering competitive, cost-effective solutions that meet client expectations while contributing to a more sustainable future.

NRD Companies: e-government solutions and consultancy services

URP© (Unified Registry Platform):

an integral platform for building advanced registry solutions under various jurisdictions

VFDMS© (Virtual Fiscal Device Management System):

e-Invoicing solution that helps enhance domestic resource mobilization

GovTech Innovation Accelerator©:

helps launch GovTech Labs to drive innovation and citizen-first digital public services

BANKTRON®:

an award-winning secure and intuitive digital banking platform that fits into composable banking architecture

Digital ID & CRVS© (Civil Registration and Vital Statistics Management System):

provides legal identity for all citizens and streamlines government services

Consultancy Services:

guiding governments and organizations through a holistic digital transformation

- Customizable
- Supports paperless services, cuts emissions, and promotes efficient digital infrastructure
- Countries in LAC, Africa, South and East Asia and Europe.
- Worldwide
- Scale

NRD Companies

NEW CHAPTER. BETTER.

NRD Companies is a global information technology and consulting group of companies, specializing in the governance and development of the economic digital infrastructure for Governments, Registries, Tax Administrations, Financial Institutions, Retailers and National Postal Services.

HOW IT WORKS

NRD Companies applies a full-stack Digital Public Infrastructure (DPI) approach, helping governments build strong, inclusive digital systems from the ground up. Their model goes beyond technology delivery - with a focus on local ownership, long-term sustainability, and co-creation with national stakeholders.

Key Components of NRD Companies: Market Offering and Implementation Approach

Foundational Data Infrastructure: company delivers secure digital registers – civil and vital statistics (CRVS©), beneficial ownership (BOREG©), business (BUSREG©), licenses (LIREG©) and many others - that serve as the data backbone for digital governance.

Unique Digital Identity for Every Citizen: NRD Companies provides consultancy services and implements digital ID systems that ensure secure authentication and unlock access to essential public services.

Government e-Service Enablement: NRD Companies' GxP© platform enables secure, accessible, and user-friendly delivery of public e-services.

Digital Payments and Financial Inclusion: NRD Companies supports local revenue mobilization through real-time e-invoicing and tax compliance solutions (VFDMS©) and enables secure social transfers and everyday financial access (BANKTRON®) - especially for underserved populations.

Rural Access Through Post Office Modernization: NRD Companies transforms post offices into connected digital hubs that extend government services to rural and remote communities (KASU Post©).

NRD Companies Differentiator: Co-Creation, Capacity Building, and Local Empowerment.

Local Ownership: company delivers all technology with full source code access, empowering governments and local ICT firms to evolve and scale systems independently.

Local Capacity: NRD Companies invests in training government IT teams and collaborate with local ICT companies - strengthening the domestic digital economy.

Innovation Enablement: GovTech Innovation Accelerator© provides structured, low-risk environments for governments and startups to co-create solutions tailored to national needs.

This step-by-step, collaborative process ensures government digital public infrastructure is not only implemented but embedded within local ecosystems - empowering countries to govern digitally, inclusively, and sustainably.

BUSINESS

NRD Companies is a global IT and consulting group with over 30 years of experience, 350+ completed projects, and operations in more than 60 countries. We specialize in sustainable digital public infrastructure for governments, tax administrations, financial institutions, and postal services.

A few of their recent projects: e-invoicing and AI governance in Lesotho, tax system modernization for Zimbabwe Tax Authority, and digital government transformation in Sint Maarten. In Trinidad and Tobago, they supported government's innovation through the Ministry of Digital Transformation and the national D'Hub, while in Kenya, they are turning post offices into digital access points for rural services.

These and other projects reflect NRD Companies' commitment to empowering institutions, fostering innovation, and building scalable, resource-efficient digital systems for a more sustainable future.

ENVIRONMENTAL PROJECT MANAGEMENT AGENCY: consulting

- Strengthening public administration institutions
- Legislative alignment with EU acquis and global frameworks
- Dissemination, communication, expoloitation
- Strategic planning
- Monitoring and evaluation



- Customizable
- Reduces environmental and climate impact by providing reliable consulting solutions
- Europe and Asia
- Worldwide
- Solid expertise in the field

apva | ENVIRONMENTAL PROJECT MANAGEMENT AGENCY

Environmental Project Management Agency under the Ministry of Environment of the Republic of Lithuania promotes public environmental and climate investments and ensures their effective management. The Agency serves as a national Competency Centre, providing solutions for the implementation of state policies in the environment and climate sectors.

HOW IT WORKS

The Agency offers international consultancy services in the environment and climate sectors. Their team of experts provides peer-to-peer assistance to partner countries, helping to strengthen their capacities through hands-on guidance. Building on extensive public-sector experience, the Agency provides practical expertise in environmental legal and policy frameworks, supporting governments and international stakeholders in the delivery of global climate and sustainability goals.

The Agency has implemented numerous projects in Europe , Asia and Africa, such as a deposit return for glass and plastic beverage containers system establishment support project in Moldova, waste management system development and improvement support project in Serbia or best practice on forest management knowledge-sharing initiative with Georgia.





BUSINESS

Agency's work empowers nations to enhance governance, implement effective policies, and build robust systems for the future.

The agency welcomes collaboration with governments, public institutions, and international organizations seeking to strengthen their environmental and climate frameworks. By leveraging their practical experience in legislation, public management, and environmental initiatives, the Agency can help you achieve long-term sustainability.

ARGINTA: municipal water management solutions

Biological wastewater treatment solutions

- water purification;
- wastewater treatment;
- sludge treatment.

- Customizable
- Technologies are designed based on circular economy requirements
- Countries in central and Eastern Europe, Central Asia, Middle East
- Ukraine, Uzbekistan, Balkan countries, Kazakhstan, Georgia, Kyrgizstan
- Scale



ARGINTA

SOLUTIONS FOR WATER TREATMENT

UAB Arginta is water management, sewage disposal, wastewater and sludge treatment, as well as water supply and purification company.

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

HOW IT WORKS

The main activity of Arginta is design, construction, reconstruction and extension of municipal water, wastewater and sludge treatment plants.

Basic method of municipal wastewater treatment is biological (natural) treatment process.

Biologically active sludge is used to treat wastewater. Waste sludge from wastewater treatment process is treated to receive biogas and produce electricity and heat.



BUSINESS

During the last 30 years Arginta has accomplished more than 130 different water management projects in Lithuania and abroad, 46 of them are treatment plants construction, reconstructions and modernization projects according to contemporary technologies. Arginta's completed sludge treatment projects total 40% of all completed sludge treatment projects in Lithuania.

Most of company's constructed plants were under national or international public procurement, as well as "Yellow FIDIC book" (design and build) conditions. Majority of contracts include the contractor's guaranteed treatment efficiency parameters, as well as maximum guaranteed operational costs.

From 2012, ARGINTA started exporting its technological experience.



AUGUST IR KO:
scalable wastewater solutions

Wastewater treatment systems:

tailored to projects of all sizes; durable; functional; eco-friendly.

- Customizable
- Efficient treatment process and energy; low maintenance requirements; long product lifespan; environmental standards.
- Across Europe, Africa, Asia and beyond
- Worldwide
- Scale



AUGUST

UAB AUGUST ir Ko innovative wastewater treatment manufacturer dedicated to delivering exceptional environmental performance.

HOW IT WORKS

AUGUST wastewater treatment systems offer effective, high-performance solutions for domestic and commercial applications. Designed for durability, efficiency, and environmental responsibility, all systems are manufactured in the European Union and supported by over 25 years of business expertise, with thousands of installations worldwide.

Main qualities of AUGUST systems:

- Low energy consumption – cost-effective and eco-friendly operation;
- Low maintenance – less frequent servicing with long-lasting durability;
- Easy installation – quick installation, ideal for distant or rural locations;
- No odor, no noise – quiet, clean, and discreet operation;
- Flexible capacity – expandable solutions for homes, hotels, and small communities.

BUSINESS

Founded in 1998, AUGUST is the largest wastewater treatment system manufacturer across the Baltic countries. Company is a recognized leader in wastewater treatment, with products used worldwide.

Company focuses on technological innovation and top-quality production. AUGUST is dedicated to delivering exceptional environmental performance. Built from durable and environmentally safe polypropylene, their solutions minimize energy consumption and require minimal maintenance, providing a sustainable and cost-effective approach to wastewater management.

Engineered to meet strict environmental standards, AUGUST's treatment units are ideal for residential, commercial, and industrial applications for sustainable wastewater management worldwide.





TRAIDENIS:
tailored water treatment solutions

- Glass-reinforced plastic (GRP) accumulation and process tanks
- GRP tanks for the chemistry industry
- Tailored biological wastewater treatment plants
- Oil and grease separators
- Rainwater treatment systems
- Pump stations
- Custom-engineered solutions

- Customizable
- Sustainable design; purifies water without chemicals; eco-friendly and energy-efficient solutions.
- Europe, Central Asia and the Caucasus region, South and North America
- Worldwide, provided where are no trade restrictions or sanctions
- Scale



TRAIDENIS

UAB Traidenis is a trusted leader in wastewater treatment and liquid and granular solids accumulation solutions, delivering innovative, high-quality products made from durable glass-reinforced plastic (GRP).



HOW IT WORKS

Traidenis provides advanced water management solutions designed for efficiency, sustainability, and durability.

Their biological wastewater treatment plants naturally break down contaminants, ensuring safe water discharge. Oil and grease separators prevent harmful substances from entering drainage systems, while rainwater treatment systems purify runoff for reuse or safe disposal. GRP tanks offer secure storage for various liquids, including chemicals. Pump stations ensure smooth wastewater and stormwater flow in municipal and industrial systems.

Each solution is engineered to meet strict environmental standards.

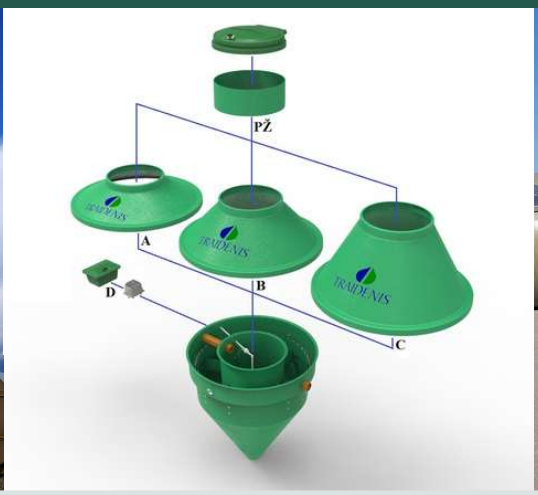
BUSINESS

Traidenis is a trusted leader in wastewater treatment and liquid and granular solids accumulation solutions, delivering innovative, high-quality products made from durable glass-reinforced plastic (GRP).

Traidenis specializes in compact, individually tailored fiberglass (GRP) wastewater treatment systems—fully manufactured in-house. Their modular systems are easily transportable, durable, and feature integrated treatment stages, making them an ideal solution for private homes, small communities, and decentralized projects.

Traidenis' solutions provide long-lasting, cost-effective performance. With almost three decades of expertise, Traidenis guarantees reliable, eco-friendly solutions tailored to your needs—because protecting water resources starts with smart technology and superior engineering.







DEEP SCIENTIFIC:
3D-printed electrochemical sensors

3D-printed electrochemical sensors monitor and purify **air, water, and soil,** both on Earth and in space. Specializing in CO2 conversion, Deep Scientific transforms captured CO2 into valuable products like hand sanitizers, contributing to environmental sustainability and circular economy practices.

- 29.99 Eur per a sensor pack unit number depending on the type and complexity of the sensors included
- Reduces pollution, supports circular economy, consists of biodegradable composition
- Lithuania
- Worldwide
- Scale



Scientific Deep

Deep Scientific specializes in standardized sensing platforms for air, water, and soil, applicable both on Earth and in Space environments.

HOW IT WORKS

Deep Scientific offers cutting-edge green solutions through their 3D-printed electrochemical sensing platforms, designed to monitor and purify air, water, and soil in both terrestrial and space environments.

Their technology incorporates electrolysers and magnetic nanorobots for advanced environmental cleaning, enabling precise CO2 conversion and pollutant removal. These electrolysers efficiently transform captured CO2 into valuable products, such as hand sanitizers, while magnetic nanorobots target and eliminate contaminants at the nanoscale. This innovative combination of sensing and cleaning technologies reflects company's commitment to sustainability and the circular economy, providing scalable, eco-friendly solutions that actively contribute to environmental restoration and resource efficiency.

Deep Scientific products include wearable devices designed for both sensing and cleaning environmental pollutants. These devices integrate advanced 3D-printed electrochemical sensors to monitor air, water, and soil quality in real-time, alerting users to the presence of harmful substances. Additionally, their wearables are also equipped with magnetic nanorobots and electrolysers that actively clean the environment by converting CO2 into useful products like hand sanitizers and removing contaminants at the nanoscale. This combination of sensing and cleaning technology in a wearable format makes their products both practical and powerful tools for personal and environmental health.

BUSINESS

Deep Scientific leverages 3D-printed electrochemical sensors and advanced technologies like UV light to monitor and clean these environments. Their expertise includes CO2 conversion processes, turning captured CO2 into valuable products. Committed to sustainability and the circular economy, Deep Scientific provides innovative, scalable solutions that not only detect but also actively contribute to environmental purification, making their technology essential for both terrestrial and extraterrestrial applications.



BURBULIUKAS IR CO
FRESH POST: healthy fast food

Healthy fast-food brand Fresh Post provides a unique dining experience by offering fresh, balanced fast food designed for health-conscious consumers.

- Customizable (mid-level)
- Traceable, ethically sourced ingredients, sustainable, adaptable and affordable practices, eco-friendly packaging
- Lithuania
- European Union
- Scale (advanced)



FRESH POST

Fresh Post is a leading healthy fast-food brand in Lithuania, dedicated to providing fresh, nutritious meals made from locally sourced ingredients. With a focus on sustainability, company offers eco-friendly packaging and energy-efficient operations.

HOW IT WORKS

Fresh Post carefully selects their ingredients from local suppliers who share commitment to sustainability, ensuring that their offerings are not only fresh but also ethically sourced. This means supporting local farmers and reducing transportation emissions, thereby lowering our carbon footprint. Each ingredient is chosen with care, promoting a diet that is both nutritious and environmentally friendly.

In addition to responsible sourcing, Fresh Post takes great pride in their eco-chic packaging. Designed to be both functional and aesthetically pleasing, the packaging reflects the commitment of Fresh Post to sustainability without compromising on style. The brand aims to reduce single-use plastics and utilize materials that are recyclable or compostable, encouraging their customers to participate in the movement towards a more sustainable lifestyle.

Moreover, Fresh Post operations are focused on energy efficiency. The brand implements practices that minimize energy consumption in their kitchens and facilities, demonstrating that being eco-conscious can go hand in hand with excellent service and quality.

BUSINESS

Fresh Post philosophy is rooted in the belief that healthy eating should not come at the expense of the planet.

The brand begins their process with sourcing high-quality, locally-grown ingredients, ensuring freshness and sustainability. Each meal is prepared quickly and thoughtfully, maintaining nutritional value without sacrificing flavor. The company serves their dishes in eco-friendly, functional and stylish packaging, making it easy for customers to enjoy their meals on the go.

Currently, Fresh Post operates multiple locations across Lithuania and are actively seeking franchise partners worldwide to expand their unique concept.



BURBULIUKAS IR CO
RESPO: water ionizer

Smart Home Water System Respo an eco-friendly under-counter water ionizer that lets users customize their water's pH.

- 1300-1500 (to partner/distributor)
  2500 Eur (to customer)
- Reduces the need for bottled water, promotes a longer product life cycle, saves resources, supports healthy hydration in low-mineral areas
- Worldwide
- India and worldwide
- Pilot



Respo

A water ionizer manufacturer with nearly 30 years of experience.

HOW IT WORKS

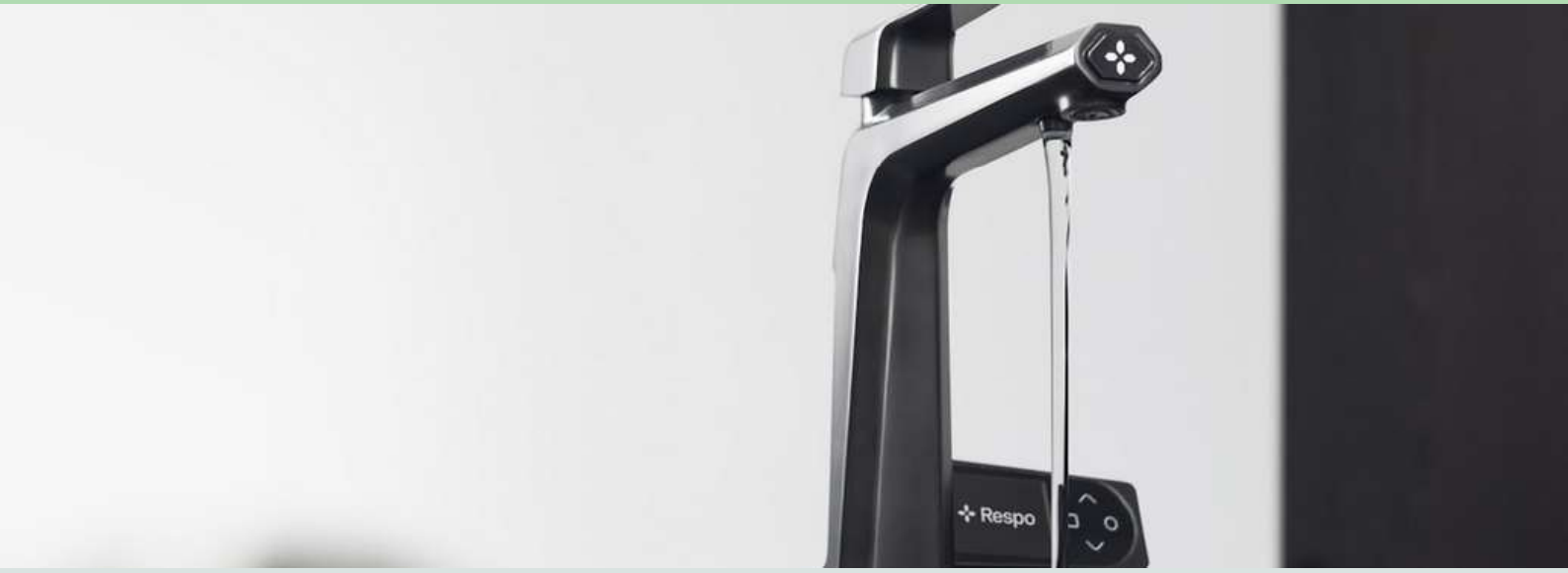
Respo is an eco-friendly under-counter water ionizer designed to promote sustainable hydration by allowing users to customize their water's pH.

The sleek 2-in-1 tap, available in six colors, provides both regular and ionized water, reducing the need for bottled alternatives and minimizing plastic waste. The device features efficient filtration and mineral enrichment, ensuring clean, healthy water while supporting areas with low mineral content. The device filters impurities, adds minerals, and offers five pH modes for a healthier, sustainable water solution. Its easy-to-use mobile app offers real-time monitoring, maintenance reminders, and water consumption insights, encouraging efficient and sustainable water use.

With its modern design and focus on sustainability, Respo makes a stylish and environmentally conscious addition to any home.

BUSINESS

Company provides modern, high-quality water solutions that elevate water quality, taste, health advantages and reduces bottled water use.



For your green ideas

GET IN TOUCH

Green Solutions Catalogue is an integral component of the project "Fostering Green Innovation Export through the Instruments of Development Cooperation". This project was carried out in partnership between the Create Lithuania programme and the Ministry of Foreign Affairs of the Republic of Lithuania.

This document serves as a pilot catalogue. We are grateful to all businesses that contributed to this initiative.

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More about "Create Lithuania" project

E-catalogue

LT Partnerships