



Services

SMART
YOUR
WAY
UP



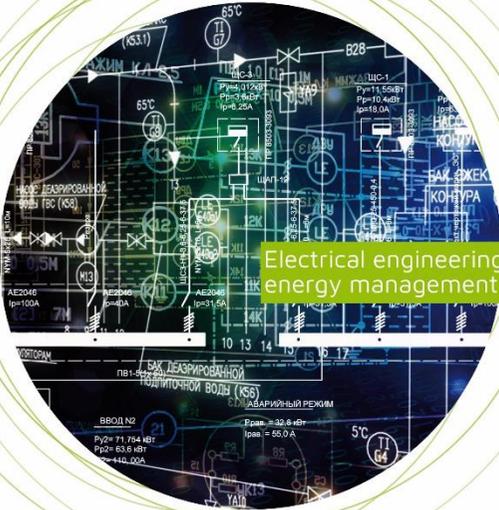
Are You looking for a reliable partner to carry out your project? Do You need professional technical help?

My name is **Petra Mesarić**, and I am the CEO of company **SmartWay Ltd.** operating in the **engineering, technical consulting, and design lighting manufacturing sectors.** Apart from doing business all over Europe, several satisfied customers who are coming back to us and the award for the Most Promising Entrepreneur of 2018 given by the Women in Adria Club, are an inexhaustible motivator for facing the daily challenges.

In the field of **electrical engineering**, SmartWay can provide you with **producing drawings and installation services for electrical installations, advanced automation systems, lighting management, smart homes, and energy and water monitoring systems.** In building engineering, we can offer you services related to the **installation of acoustic wall coverings, such as trevira and printed wall fabrics.** With the **SmartDesign** design lighting line on our webshop, you can look for lamps for your home or office, while you can contact us directly for individual solutions.

Our **interdisciplinarity** and a team of top architects, static engineers, electrical engineers, machinists, developers, and interior designers are the values of a company that makes a difference. **We care** about your project being finished within your budget and time, and we turn your desires for new technologies into reality. If you want a team that will dedicate its time and approach your project responsibly and reliably, you can make the smart decision and contact us. **We will do our best to bring you via Smart Way to your destination!**

Petra Mesarić, PhD



Electrical engineering and energy management systems



Cinema Industry



Design lighting and decorative wall fabrics

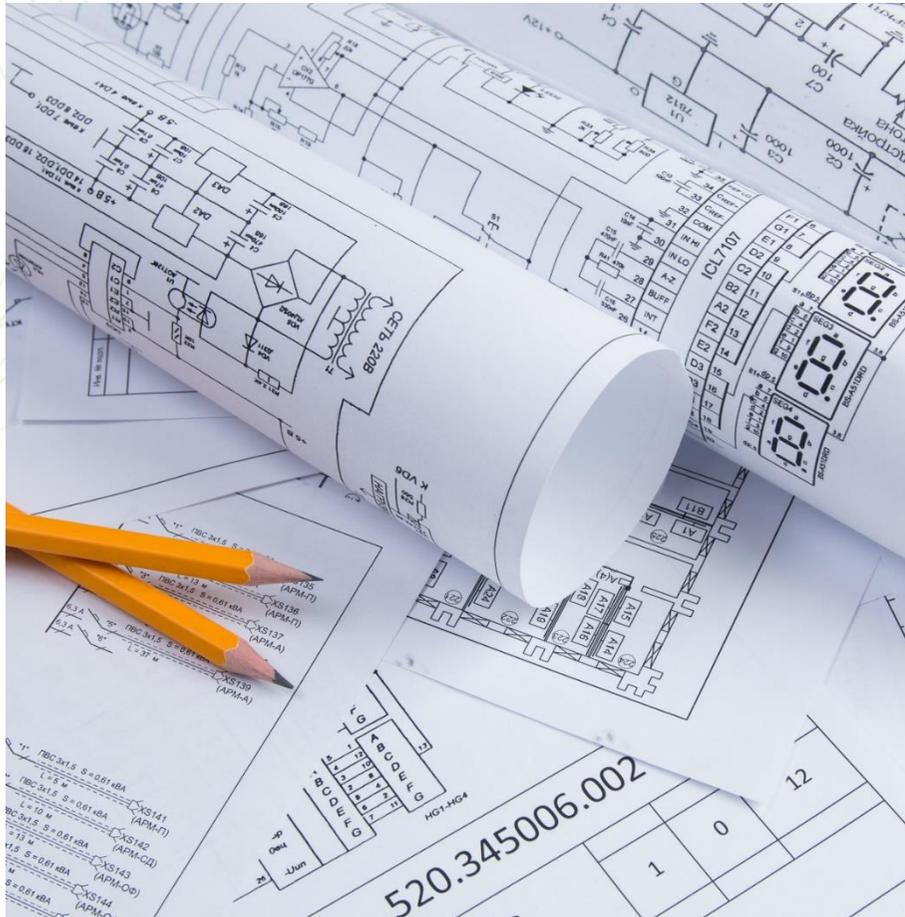


Electrical engineering and energy management systems

SmartWay is the result of a brand that has its roots in electrical engineering with a **thirty-year tradition**. For this reason, it commends itself with vast **experience** and excellent **references**.

Driven by the desire to keep up with **new technologies**, SmartWay offers a wide range of highly specialized **electrical engineering** services, such as advanced **automation systems**, **lighting management**, **smart homes**, **energy and water monitoring systems**, and **e-mobility services**. Our strength lies in an **individual and interdisciplinary approach**.

We are the ones who will make sure that your project is **completed within the given time and budget**. Therefore we can offer our services on a turnkey basis. You can read more about individual services below



DESIGN, SUPERVISION AND EXECUTION OF ELECTRICAL INSTALLATIONS

The development of facilities and their need for more **rational, faster, and better technical solutions** certainly include an overall approach during the design phase. A **systematic approach** to design can avoid all later undesirable scenarios such as delays, mismatches, unpreparedness, ignorance, additional costs, etc. For this reason, we are continuously **educating** and strive to **keep up with all new technologies**.

Given the complexity of each facility and the required investor requirements, we must **comply with the laws, regulations, norms, and rules of the profession**. It is for this reason that we approach designing **professionally** and are always available to investors to achieve the highest level of quality and satisfaction.

SmartWay is an **authorized and certified** integrator of the Vimar By-me system, the KNX system, and the HIQ system.



SMART HOMES

By installing a **central control system**, the smart home enables the integration of lighting, shutters and blinds, heating and cooling, hot water consumption, video surveillance, multimedia, security, etc.

The smart home will keep track of your daily activities and make the most of it for you and the rest of the household. Your comfort and safety will be raised to a **new and better level**.

One of the essential functions of such a system is to optimize the energy consumption of the home. The system can regulate the temperature in all rooms in the house according to the default mode, whether winter or summer, it can control the lighting in individual rooms, switching on or off electrical consumers, ventilation system, external blinds, and safety fire protection system.

SmartWay offers several different smart home systems (**KNX system, Vimar Byme, HIQ system**), depending on the wishes and needs of investors.



ENERGY MANAGEMENT SYSTEMS

SmartWay offers **advanced automation systems** implemented with programmable logic controllers and related software packages. All **technical and software solutions are created within the SmartWay team**, and therefore we can deliver a complete package of services.

According to **individual needs**, we are able to create project solutions, integrate them into your existing projects, and offer delivery, installation, and commissioning of the system, together with various **web or SCADA applications**, all according to your project assignment.

The equipment we use is industrial, which means it is robust and reliable. Equipment development is in Croatia, and production is in Slovenia. The facilities we realized at the beginning of providing these services are still functioning flawlessly, even after more than seven years

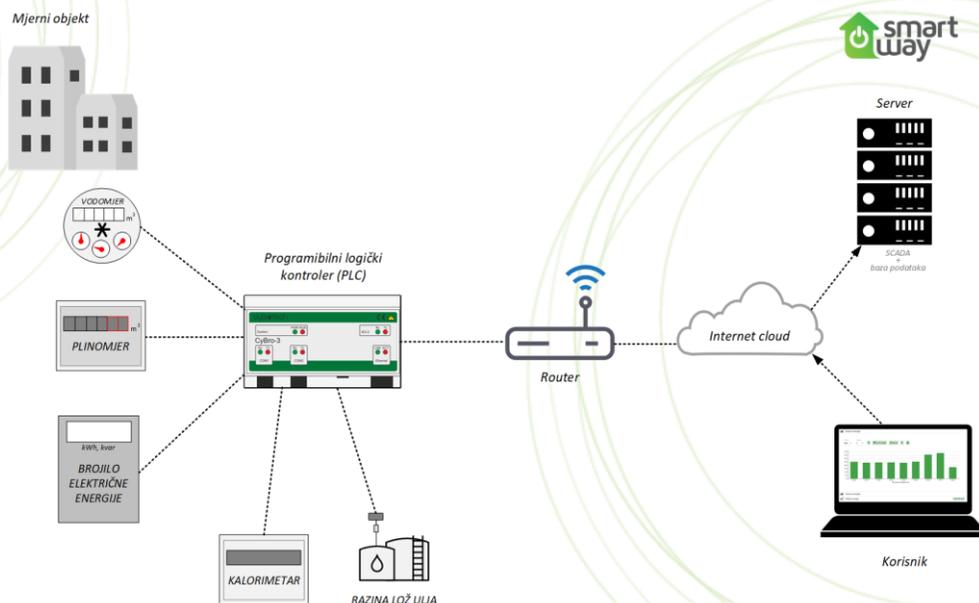
MONITORING OF ENERGY AND WATER CONSUMPTION

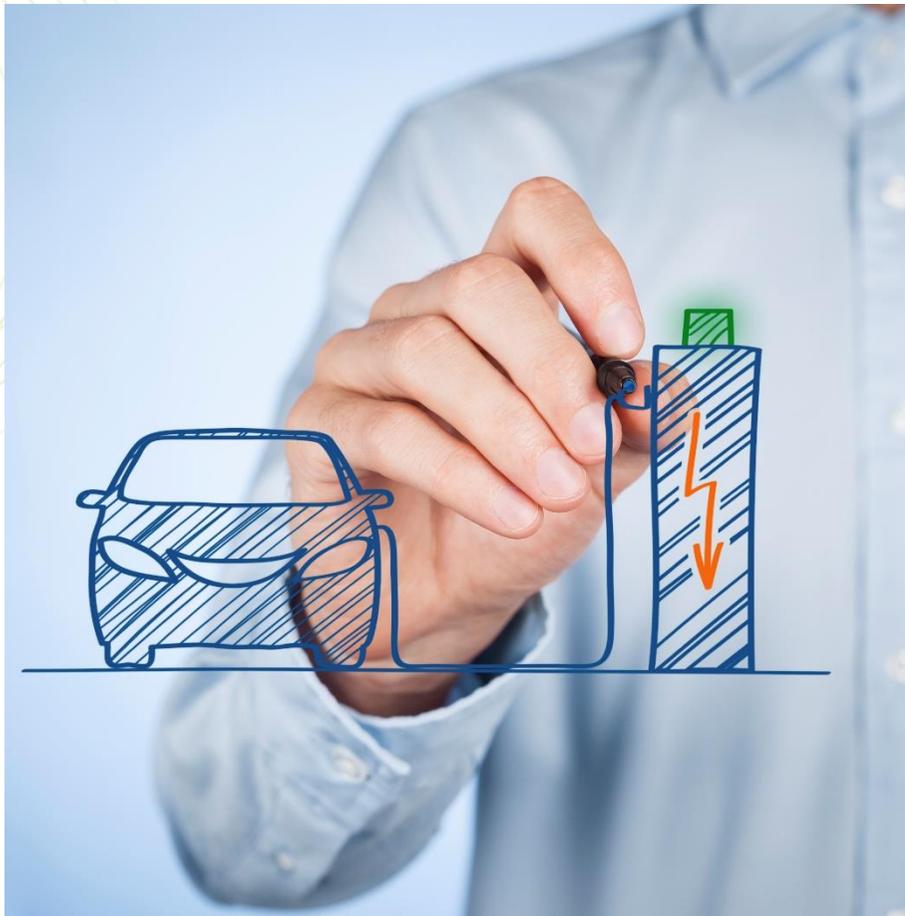
The **SmartWay software package** is a **tool for monitoring, analyzing, controlling, and optimizing energy consumption** in a facility and can be fully adapted to the international energy management standard **ISO 50001**. The package also includes consulting services for the implementation of standard as well as for process optimization.

A systematic approach to energy issues will help to find measures and procedures aimed at reducing energy consumption. Analyzing energy consumption in **real-time** and at critical locations is essential to establish systematic energy management. With daily, weekly, monthly and/or annual **reports** that come in PDF format to the desired email address at the time and amount the user wants, relevant information will be at your fingertips.

Energy management is a systematic way to ensure continued concern for energy consumption. In order to be able to answer at all times the question of where, how, and how much energy is consumed and what energy is consumed, it is necessary to monitor energy consumption in key places.

The SmartWay **web application** also allows data to be forwarded to the Energy Management Information System (**ISGE**). ISGE is an online application for monitoring and analyzing energy and water consumption in public sector buildings and is a necessary tool for systematic energy management.



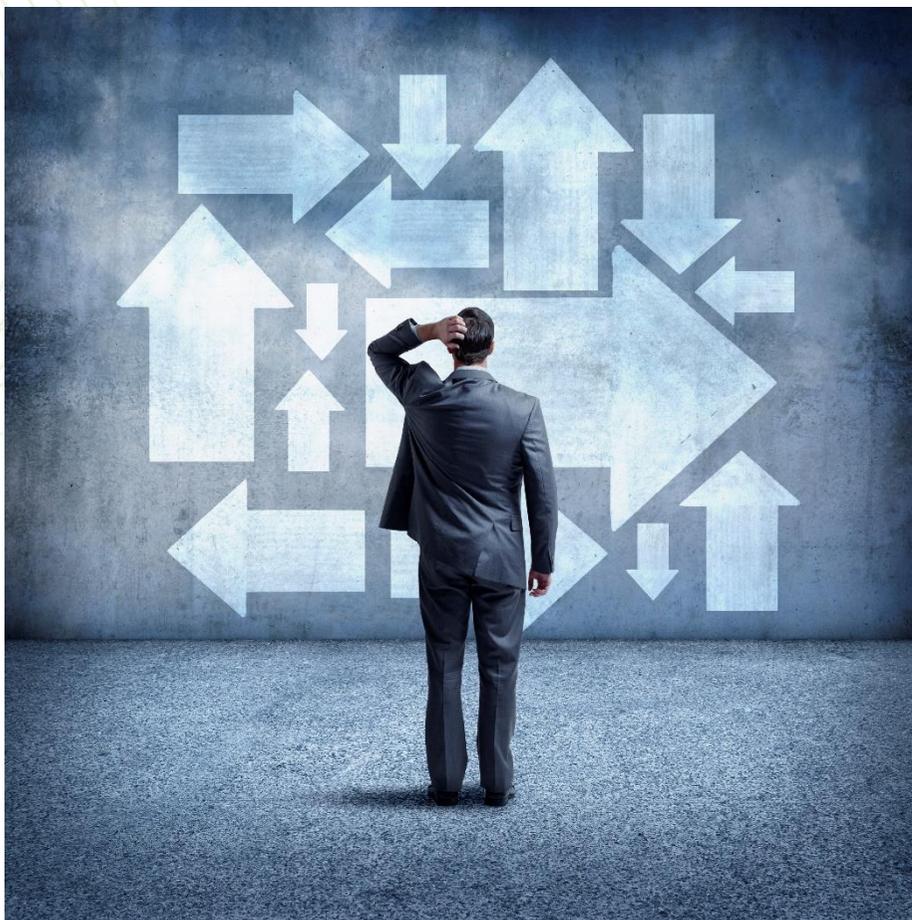


SOFTWARE SOLUTIONS FOR E-MOBILITY

Electric vehicles represent a significant potential for the future advanced network, given the challenges that arise and the increased integration of IT technologies. However, to enable their synthesis, the technology and communication protocols used should be standardized.

SmartWay can design a specific **hardware and software solution** for you to make your electric vehicle charging station **compatible** with all current communication platforms through the **OCPP protocol**.

The experience at **more than 100 charging stations** has undoubtedly put us at an excellent level. We also have our eSmartWay application that you can also use as a platform for **local or remote monitoring of the electric vehicle charging station**, with all relevant information about the charging station itself, energy, user, etc.



PROJECT MANAGEMENT AND CONSULTING SERVICES

SmartWay also offers **project management and consulting services**. Aware that technology advances are growing exponentially and the quality of providers is becoming more diverse, we are ready to provide you with our already successfully proven approach to project planning, monitoring, and submission.

More than 30 major projects and 50 small projects in more than ten countries in Europe, in just five years, are excellent backgrounds for the skills we have acquired.

If you need safe, reliable, trusted, and professional help, **contact us with confidence.**



Cinema Industry

The **cinema industry** is a branch of the industry that continually requires innovations, new approaches, and technologies so it can always offer something **new, exciting, and innovative** to its audience. Right in this process, led by the same mission, SmartWay recognized its enormous potential and started writing its history.

In the field of cinema industry we offer a wide range of services in cooperation with our **reliable and long-standing associates**:

- Implementation of highly specialized technologies in cinemas such as **4Dx, MX4D, ScreenX**
- Cinema design - architecture, statics, electrical installations, mechanical installations, acoustics, interior design...
- Construction of **metal and wooden structures**
- High and low voltage **electrical installations**
- **Mechanical installations** for the needs of highly specialized technologies
- **Designing and managing design lighting**
- Installation of various **wall, acoustic fabrics**, in different **colors** and with **print** according to investor's wishes
- Installation of carpets and PVC
- Maintenance and service of highly specialized technologies in cinemas



4D TECHNOLOGY

4D is state-of-the-art technology in the cinema industry that engages the viewer in the film with a variety of effects, creating a sense of presence in the movie. Inside the 4D hall, **moving seats and environmental effects** such as wind, bubbles and scent work in perfect harmony with the events on screen.

With only the best of technology, 4D moving seats equipped with motion simulators for three basic movements - up and down, left and right, and back and forward. Through a combination of these movements at various angles, a fluid and dynamic movement is created that mimics events on the canvas, such as flying or driving. A skilled team of 4D editors is the ultimate expert in **maximizing the feeling of being involved in the entire movie** without exceeding the limit of pleasure.

In addition to the moving seats, the hall is equipped with high-tech devices that deliver environmental effects to enhance the experience further. Such devices today already offer effects such as **wind, bubbles, light, scent, water, fog, rain, snow, rain and fog, lightning, airstrikes.**



ScreenX TECHNOLOGY

ScreenX technology is the latest invention of the cinema industry, **giving viewers a 270 ° view**. This effect is achieved by combining multiple projection technology with canvas and project images. The process uses the so-called ScreenXSolution to **synchronize image correction**, playback, and control of an existing digital system.

The hall itself is also specifically adapted to this technology by incorporating a special fabric on the sidewalls, which serves as a decorative wall as well as a substrate for projecting the image.

Completed SmartWay
projects until 2020

-  - 4Dx
-  - MX4D
-  - ScreenX





Design lighting and decorative wall fabrics

Interior decoration is nowadays receiving increasing attention, and the essential elements to be addressed are **lighting solutions, walls, and ceilings**.

These elements, in addition to the **aesthetic component**, have several quality properties that are required by a particular space such as sound absorption, energy efficiency, room illumination, etc.

INDIVIDUAL LIGHTING SOLUTIONS



Light affects the mental, physical, and physiological health of people. People's presence and work concentration also depend on the **quality of light that illuminates daily activities**. All possible defects of natural light can today be compensated by electric current, and various forms of lighting, which in particular ways can affect the **appearance of a room or an outdoor space**.

Light sources are characterized by basic sizes such as luminous flux (light intensity), color return, color temperature, and light utilization. When designing a lighting system, it is also important to pay attention to compactness concerning space requirements, the size of the lamps, the impact on the architecture, and the directivity of the light. When **defining lighting characteristics** in a space such as simplicity, user comfort, management capabilities, and maintenance needs, it will certainly affect the level of economy of the lighting system, which includes light efficiency, lifetime, cost, replacement cost and environmental impact (energy consumption, consumption of natural resources, disposal).

Our lighting project team, **in collaboration with interior designers**, offers a full range of services for indoor and outdoor lighting projects, assesses needs and functions, determines lighting criteria, specifies luminaires, provides lighting solutions, project design, lighting management, lighting design, and installation.



smartdesign

SmartDesign LINE

SmartWay offers designer lighting, available to all interested parties within the so-called **SmartDesign** brand. We collaborate with **creative designers and artists** whose creativity we transfer to simple concepts and models of joy-filled lighting.

The most playful category of **Happy SmartDesign** offers lines such as **BSimple, BHappy, Nu Shu, and ZOLA D'vision**. **Business SmartDesign** allows you to create your custom design lighting project at your request.

Each visitor can choose from **three basic models** such as a **table, floor, and hanging** lamp. Choosing a lampshade is what will intrigue every visitor. Namely, for each lamp, we offer a large number of illustrations, the ability to create unique examples, or the **realization of individual wishes of users for which you can contact us directly.**



DECORATIVE WALL FABRICS

Decorative wall fabrics are becoming more and more popular today because of their easy installation because they offer endless possibilities to their investors and are easy to maintain.

We have a number of different manufacturers on offer, which gives us the opportunity to **offer the best solution for you**. All the fabrics we use are in accordance with the world standard for non flammability (DIN 4102 B1), ecofriendly, easy to maintain, and extremely impact resistant.

We would also like to point out that we are able to print images as desired by the investor up to 5 m high without joints and seams.

Our offer covers **all stages of the project**:

- Designing a technical solution
- Design
- Conduct

**Contact us with
confidence.**



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