



Let's close the circle.
Let the future be green!



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Surovina, a company with a vision

We have a rich history.
And a clear vision of the future!

We are a company with almost 70 years of tradition, valuable experience, clear objectives and a daring vision of the future: to become the largest company providing waste management services in Slovenia, and to offer comprehensive solutions for all kinds of waste to industrial partners, local communities and households.

We are not fond of endings.
This is why we change them into beginnings

At Surovina we never cease to develop the know-how and processes, which enable us to turn waste into raw materials in an effective and environmentally friendly way. When we collect the container with your waste, it is not the end, but the beginning of a story in which waste becomes the foundation of new creativity, or a precious source of energy.

We care.
This is why we think and act green!

Surely you also care where and how your waste will end-up, therefore our comprehensive solutions for all types of waste have been carefully thought out and customised to your needs. We listen carefully to you and turn your waste into raw materials using effective and environmentally friendly reclamation methods.



080 80 79

www.surovina.si

SUROVINA d. o. o.

Registered office:

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2000 Maribor

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surovina@surovina.com



Surovina, the right

Concluded waste management cycle

Surovina takes care of all your waste.

Fast, reliable, economical, environmentally friendly and in compliance with applicable laws.

**How?
Simple!**
Call us at
080 80 79

We:

Based on your needs we prepare suitable comprehensive solutions customised to you, and manage the entire process from the acceptance of waste to the reintroduction of secondary raw materials into production, or energy recovery from waste. Each phase of this process is carried out by qualified workers and experts that use state-of-the-art technology and equipment to provide economical and environmentally friendly procedures, as is proven by the certification awarded to us.

1

We create a **conceptual design** for the management of your waste in line with your objectives, strategy, and environmental policy, while adhering to applicable laws.

2

We arrange a **waste collection point** to collect waste, and we provide suitable collection method and equipment.



partner!

3 We take care of **suitable procedures and technology**, we **train your employees** and carry out waste separation assessment.

4 We **collect** your waste. The collection is carried out in compliance with road traffic laws, legal requirements, and strict monitoring of influences on the environment.

5 We collect, weigh and sort waste, use state-of-the-art machines and technology to **process**, and wholly or partly **reclaim** waste, and supply appropriate record sheets or other required documents.

6 The appropriately reclaimed waste is then **passed on** for final processing - material recovery; thermal energy facility - energy recovery.

We are trusted by most esteemed companies:

Gorenje, Telekom, Pošta Slovenije, Akrapovič, Trimo Trebnje, PS Cimos, Henkel Slovenija, Renault Nissan ...



People whom you

We take pride and joy in our work.



Professional, responsible and reliable.

Constantly improving and upgrading our system, we have managed to successfully reduce negative impacts, and substantially improve positive influences on the environment.

With our services and products, we strive towards a sustainable development of planned waste management and realize our company's vision and mission in reclaiming waste. We constantly endeavor to raise environmental awareness, enhance the qualifications of all the people we work with, and raise public awareness, while also offering our partners professional consultation services in the field of waste management. At the same time, we pay a great amount of attention to the improvement and enhancement of our technical and technological capacities.



ISO 9001 Q-1757
ISO 14001 E-493
EU 333/11 RAQ-006
BS OHSAS 18001 H-162



trust!

State-of-the-art equipment and technology

Our professional know-how is supplemented by continued upgrading of our equipment and technology. We offer:

- more than 100 trucks and transport vehicles,
- more than 20 weighing units,
- equipment for the processing of scrap and non-ferrous metals,
- sorting and recovery equipment for non-metal waste,
- recovery equipment for waste electrical and electronic equipment (WEEE),
- facility for the production of refuse-derived fuel (RDF),
- radioactive measurement equipment,
- a modern laboratory.



You can focus on your core activity, **and let us take care of your waste!**

i We collect more than 400,000 tons of various waste materials annually, for material and energy recovery.

The majority of waste materials originate from Slovenian industry.

After completing the reclaiming phase, we fulfill the needs of Slovenian steel mills, foundries and paper mills.



WASTE

Steel Scrap

Not only does steel have longevity, **it has multiple lives!**

WASTE MATERIALS

OLD STEEL SCRAP



STEEL SCRAP FROM PRODUCTION, TECHNOLOGICAL WASTE



MIXED STEEL SCRAP



TURNINGS



MACHINES, MACHINE PARTS AND COMPONENTS



GREY CAST SCRAP



STAINLESS STEEL



Today a beverage can – tomorrow a car body, today a work tool – tomorrow a bridge pylon, today a ship engine – tomorrow an electric power plant turbine! Due to its versatile application possibilities, steel is undoubtedly a champion of the recycling. Annually, steel represents a larger proportion of recycled materials than recycled paper, plastics and glass combined! This is possible because steel can be recycled time after time again, in whole and without any reduction in quality, leading to savings of raw materials and energy!

Did you know that a ton of steel produced from steel scrap saves one and a half tons of iron ore and a ton of CO₂ emissions?



SALES PROGRAMME

Old thick steel scrap (thickness > 6 mm, < 1.5x0.5x0.5 m)



Mixed carbon steel turnings



Grey cast iron turnings



Old thin steel scrap (thickness < 6 mm, < 1.5x0.5x0.5 m)



Old thick steel scrap (thickness > 100 mm, < 1.5x0.5x0.5 m)



Cast iron feedstock – cut to size



New sheet metal punch scrap (< 1.5x0.5x0.5 m)



Old sheet metal packages



Cast iron feedstock – packages of new sheet metal



Packages of new sheet metal



Machine parts and components



Stainless steel pieces (by alloying element content)



Homogeneous turnings



Grey cast pieces



Stainless steel pieces (by alloying element)



Non-ferrous Metals

WASTE MATERIALS

COPPER



SALES PROGRAMME

Extra high grade



First quality



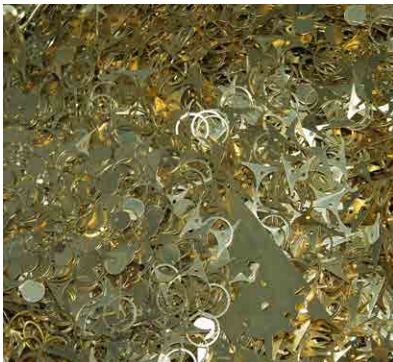
Second quality



Third quality



BRASS



Rolled



Collected



Shavings



Pieces



ALUMINIUM



Hard



Soft, first quality



Soft, second quality



Turnings



Aluminium slag



OTHER METALS



Bronze pieces



Lead



Zin



Cooling systems



Batteries



Waste

Non-metal Waste

PAPER

Waste paper is the most important raw material for the paper industry as more and more paper is being recycled. Did you know that the same piece of waste paper can be recycled six times before it becomes unusable for further processing?

Our company collects and prepares for reuse **8 types of paper**.

PAPER AND CARDBOARD PACKAGING



NEWSPAPERS, MAGAZINES



PAPER FROM PRODUCTION



FILES – ARCHIVES



PLASTICS

Plastic materials have become part of our everyday life, and they present ever increasing recycling possibilities. There are two types of plastics: plastic packaging and other plastics. Surovina produces recycled materials from the most common types of plastic materials.

PET



HDPE



ABS



PVC



WOOD

Wood is one of the most important and most widely used construction materials. For this reason, the majority of wood waste originates from this industry. Surovina collects wood materials from companies all around Slovenia.

WOOD PACKAGING



SORTED WOOD



GLASS

Glass is among the most frequently recycled materials.

There are two main subtypes of recycled glass materials.

**FLAT GLASS
(CAR GLASS AND WINDOW GLASS)**



**GLASS PACKAGING
(BOTTLES)**



Worm-tails

CARDBOARD



COMPUTER PAPER



OFFICE PAPER



BOOKS AND NOTEBOOKS



FOILS



PET – plastic bottles and plastic packaging for storing beverages

HDPE – plastic bottles for liquids in non-food industry (detergents, softeners, oils, etc.)

FOILS – coloured and colourless plastic foils

ABS – mostly products of higher strength and resistance to external influences

PVC – up until recently the most commonly used type of plastic, is being replaced by more environmentally friendly materials due to its chlorine content



Did you know that the amount of paper collected and recycled by Surovina during the 65 years of operation is enough to save the entire Pohorje forest?



Waste Electrical and Electronic

The collection of waste electrical and electronic equipment is becoming ever more important. Surovina participates in a number of schemes as the largest facility to accept waste products for recycling:

- **refrigerating and freezing equipment,**
- **large household appliances,**
- **small household appliances,**
- **TV sets, monitors and computers,**
- **light bulbs,**
- **batteries.**

All above listed products
are being collected
at all our units and
collection centres
across Slovenia!



Did you know that WEEE represents the fastest growing flow of waste, increasing at three times the speed of an average waste flow? Meanwhile, developed countries are the source of 17 to 20 kilos of electrical and electronic equipment waste per person per year!

REFRIGERATORS AND FREEZERS



SMALL HOUSEHOLD APPLIANCES



LIGHT BULBS



BATTERIES



Equipment (WEEE)

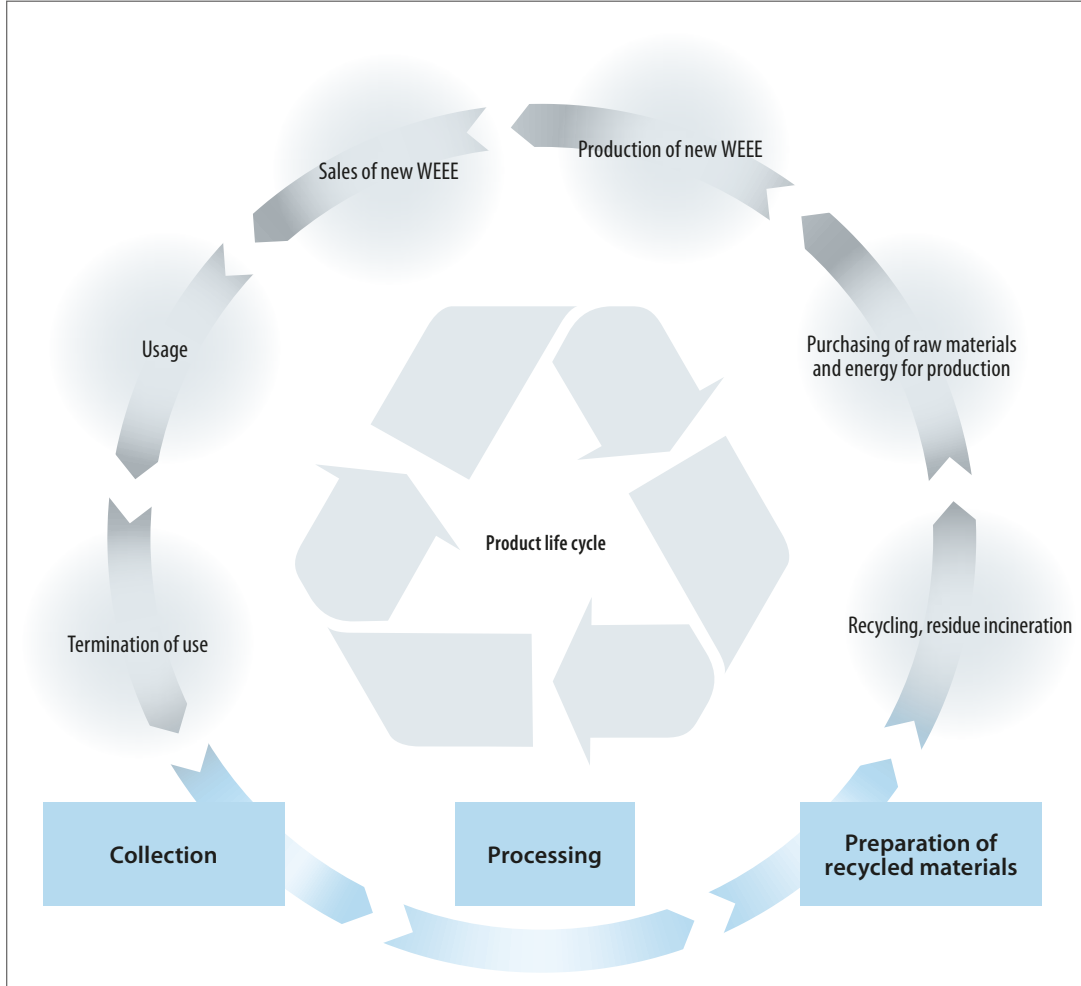
LARGE HOUSEHOLD APPLIANCES



TV SETS, MONITORS AND COMPUTERS



RECYCLING OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT





Waste Packaging

Surovina's packaging scheme: **Professional and complete fulfilment of obligations stipulated by law.**

With your enrolment in Surovina's packaging scheme, we will, in accordance with the Decree on packaging and packaging waste handling (Official Gazette of the RS, No. 84/06, with changes and amendments, hereinafter referred to as the Decree) take care of the following for you:

- 1. Transfer of all your obligations under the packaging and packaging waste handling regulation, to the scheme of company Surovina d.o.o..**
- 2. Collection of waste packaging that is generated at the end user's address.**
- 3. Separation of waste packaging at the location where it is generated (container set-up, arrangement of the collection point).**
- 4. Processing of collected waste packaging in compliance with applicable laws:**
 - a. reuse, recycling and reclaiming of packaging materials,**
 - b. energy recovery from waste packaging when recycling or material recovery is not technologically or economically feasible,**
 - c. appropriate disposal of recovery residues, especially materials that are contaminated with hazardous substances.**
- 5. Collection of waste packaging from public utility that collect waste packaging as separately collected fractions.**
- 6. Meeting environmental objectives as defined by the Decree.**
- 7. Quarterly reporting to the FURS for the calculation of environmental tax due to waste package pollution.**
- 8. Record keeping and collection of data needed for reports and notifications of new features.**
- 9. The obligation of continued cooperation with users of packaged goods or products in order to raise user awareness.**

**Release yourself
of the burden of
how to handle waste
packaging properly!**



We will ensure regular and free of charge collection of separated waste packaging for further handling in compliance with the Decree, and offer advice in establishing and implementing the separation of waste packaging and other types of waste, for collection.

With this, you will be relieved of the responsibility to properly handle waste material, including the generation of annual reports on the handling of waste packaging. In addition to this, we offer comprehensive services related to waste packaging that does not represent municipal waste: separate collection at generation sites, additional sorting and preparation for transport (compacting, baling, etc.). All the above specified services are carried out in accordance with the Decree and regulations that govern the handling of packaging that you obtain as end user, from foreign and domestic markets as part of packaged goods.

Surovina
Packaging

Alternative fuels from waste (RDF, SRF)

Let your waste become energy!

The recovery as solid fuel is an ideal solution to all kinds of waste that are not invalidated due to inclusion of hazardous pollutants, but at the same time offer sufficient calorific value and have a limited chlorine content. The validity of waste is tested in compliance with the regulation on recycling waste into solid fuel, just before accepting the delivery.

Our solid fuel is suitable for use in cement kilns, thermal energy plants and heating plants. In the production of alternative fuels from waste we always consider the customer's requirements and customise the fuel accordingly.

The production and use of solid fuels from waste contributes greatly to reducing negative environmental impacts, as it directly reduces the burden on landfills!

Call us
and find out whether your waste can be used for the production of solid fuel!

Innovation Rewarded

Surovina's R&D unit develops innovations on the basis of proprietary research while searching and forging new ways of energy recovery from waste. One of our R&D unit's latest achievements is the formula for the preparation of solid fuel from non-hazardous waste. This innovation has been recognized by a silver award from the Chamber of Commerce and Industry of Štajerska, and a silver award from the Chamber of Commerce and Industry of Slovenia.





WHAT KIND OF WASTE CAN WE ACCEPT?

Your industrial waste, bulky waste, packaging residues, waste packaging, separated fraction residues from municipal waste after sorting, and other non-hazardous wastes that cannot be sorted and reclaimed as secondary raw materials, can be reclaimed as solid fuel. Waste materials used for the production of solid fuel include plastics, paper, cardboard, wood, textiles and other combustible materials.

We can accept the following EWC groups of waste for the recovery of solid fuel:

- 02** Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing (sludge from washing and cleaning)
- 03** Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard (wastes and sludge)
- 04** Wastes from the leather, fur (sludge) and textile (wastes from processed and unprocessed textile fibres, sludge)
- 07** Wastes from organic chemical processes (production of plastics)
- 08** Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), sealants and printing inks
- 09** Wastes from the photographic industry
- 12** Wastes from the formation and physical or mechanical surface treatment of metals and plastics (plastic particles)
- 15** Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
- 16** Wastes not otherwise specified in the list
- 17** Construction and demolition wastes (including excavated soil from contaminated sites)
- 18** Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care) – preventative care only
- 19** Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
- 20** Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions



Analysing and Consulting

Professional and competent services, modern equipment



Research and analyses in our modern laboratory complete our portfolio of activities and processes in comprehensive waste management.

On our modern equipped laboratory, we perform procedures to ensure the quality of alternative fuels from waste in accordance with SISTTS CEN/TS 15359 and other standards for refuse-derived fuel, as well as the requirements of the production process and consumers. We carry out the majority of the tests ourselves, while annual reports on product quality are created by accredited contractual laboratories.

Our laboratory services are available to external clients, as well!



In the laboratory, we professionally implement the following services:

- **sampling of waste and materials,**
- **preparation and homogenization of solid and liquid laboratory samples,**
- **determination of physical attributes (sample size, composition, calorific value, moisture and ash content),**
- **chemical analyses of combustible and similar waste, secondary energy products, and liquid or solid fuel (chlorine and heavy metals such as antimony, arsenic, cadmium, chromium, cobalt, copper, lead, mercury, nickel, thallium, vanadium, etc.),**
- **composition of metals and alloys (measuring the content of alloying elements).**



We also carry out consulting and training services:

- we provide professional consultation to producers of waste and waste treatment operators with regard to the management and handling of municipal, industrial, construction and other hazardous waste and the subsequent handling of waste (land-filling, incineration, recovery, etc.)
- we create waste management plans in accordance with the Decree on waste (Official Gazette of the RS, No. 37/15 and 69/15) for producers of waste,
- we create waste management plans in accordance with the Decree on waste (Official Gazette of the RS, No. 37/15 and 69/15) and decrees on handling specific types of waste for waste treatment operators,
- we provide professional advice on purchasing, production, use and storing of hazardous waste,
- we provide professional advice in the creation of annual reports (waste, waste water, volatile substances, etc.) for the statistical requirements of the ministry,
- we provide theoretical and practical training in environmental protection.

Destruction of confidential records and media

Ensure the security of confidential data from creation to destruction!

Compliant and secure destruction of confidential records and electronic media is more important than ever. Almost every company encounters during its operation a variety of confidential information and sensitive personal data, which may, if they fall into wrong hands, cause substantial business and moral damage.

Therefore, it is very important that you entrust the destruction of these data to the experts!

Did you know?
A good 40% of data misuse (within and outside companies) results from mistakes made by employees!

Surovina provides everything you need for **professional, secure and reliable destruction** of confidential records and media. All our procedures, equipment and tools comply with applicable laws (Protection of Documents and Archives and Archival Institutions Act, Personal Data Protection Act, etc.), regulations and standards. Additionally, we take care of **secure collection and storage** of confidential records and media **prior to destruction**, thus preventing theft and misuse. The destruction will take place **on your premises** (we provide a professional with all the needed equipment) or at Surovina premises, in which case we take care of appropriate and safe transportation.

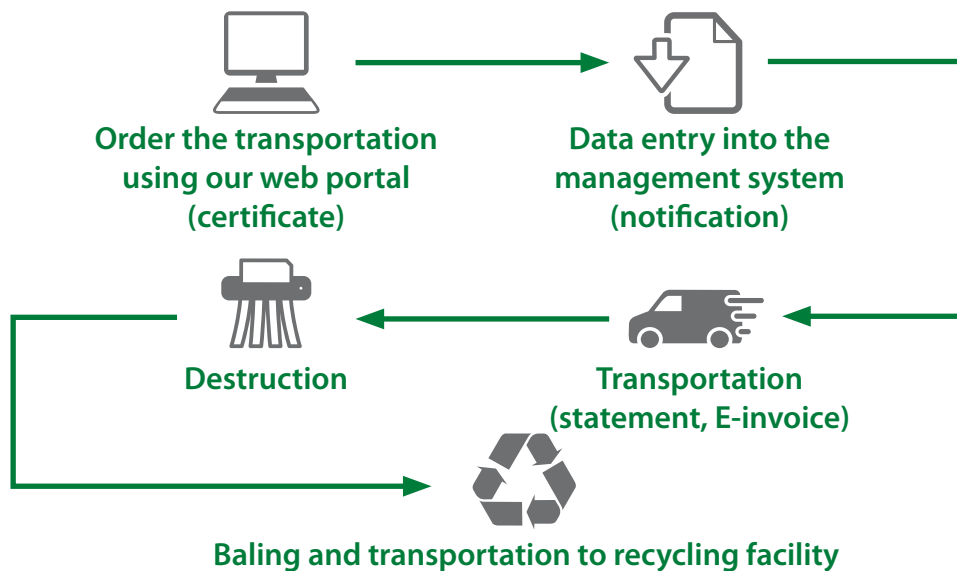


Destruction

We can offer the collection and professional destruction of:

- paper records (documents, forms, etc.),
- X-ray images,
- CD, DVD, Blue Ray and other optical media;
- floppy discs, ID cards with magnetic strips,
- USB keys, smart cards, memory cards, SSD discs,
- films, tapes,
- hard discs and other media.

Simple Procedure



Security elements that we provide:

- lockable containers, container tracking system,
- fleet management system,
- GPS tracking of all vehicles,
- central video surveillance system with recorders and remote viewing options,
- central anti-theft system.

Confidential destruction of goods

How do you handle products that should not reach the market because they have expired, are inadequate or counterfeited? We take care of the removal and appropriate destruction method in compliance with applicable laws and standards.

Companies owned by Surovina d.o.o.:

Kemis Srbija

Kemis d.o.o Serbia is engaged in the collection, transportation, storage and processing of scrap metal and other materials. They specialize in working with hazardous waste on the Serbian market. They organize the final disposal or incineration of hazardous waste for their business partners. They have all the necessary permits for cross-border movement of waste to authorized companies abroad.

Valjevo Business Unit:

Bulevar palih boraca 91/92.br.5, 14000 Valjevo
Phone: +381 63 321 155
e-mail: zoran.milovanovic@kemis.rs
Web page: <http://www.kemis.rs/>

Bačka Palanka Business Unit:

Drugo železničko naselje 2b ; 21400 Bačka Palanka
Phone: 021 6044 191, 021 6045 959
Fax: 021 6041 470

Kemis Bosna in Hercegovina

Kemis Bosna in Hercegovina is engaged in the collection, storage and disposal of hazardous industrial and everyday waste. In addition, it offers specialized industrial cleaning services and medical waste processing and is involved in manufacturing and engineering.

KEMIS – BH d.o.o. Lukavac

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Phone./Fax: +387 35 556 988
Mobile: +387 62 340 922
e-mail: maid.h@kemis.ba
Web page: <http://kemis.ba/>

We sell

SECONDARY RAW MATERIALS

Steel, stainless steel, non-ferrous metal, paper, plastics, wood, textile fibres, glass, recycled materials from WEEE recovery

ALTERNATIVE FUELS

We purchase and accept

STEEL SCRAP

(Steel, grey cast iron, iron shavings, stainless steel, etc.)

WASTE NON-FERROUS METALS

(Copper, brass, aluminium, bronze, zinc, lead, tin, etc.)

OTHER METAL WASTE

(Batteries, transformers, electric motors, refrigerators, etc.)

NON-METAL WASTE

(Wood, plastics, textile fibres, glass)

WASTE PACKAGING

WEEE – WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

Let`s close the circle.
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Registered office – professional sectors

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PODRAVJE REGION**PE Kovine**

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PE Nekovine

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PE TGO

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PE OEE0

Lahova 40, 2000 Maribor
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OE Slovenska Bistrica

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PE Pobrežje

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OE Ormož

Hardek 21 b, 2270 Ormož
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Fax: +386 (0)2 740 13 91
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PE Ljutomer

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PE Radlje

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SAŠKO REGION**PE Žalec**

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PE Koper

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PE Nova Gorica

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