

The Power of Energy





THE HSE GROUP. THERE ARE NINE OF USIN SLOVENIA AND SIX ABROAD. FIFTEEN TOGETHER. WITH THE NUMBER FIFTEEN ALSO ENDS THE YEAR IN WHICH WE ARE PUBLISHING THIS BROCHURE, NAMELY 2015. IT IS A YEAR IN WHICH THE HSE GROUP HAS BEEN GRIPPED BY A WAVE OF ORGANISATIONAL, STRUCTURAL AND BUSINESS CHANGES. WE BELIEVE IN MORE AND BETTER, IN MORE BEAUTIFUL AND MORE ADVANCED. IN MORE SUCCESSFUL. WE REAFFIRM THIS OVER AND OVER WITH A WHOLE CATALOGUE OF REASONS THAT GIVE US IMPETUS FOR THE FUTURE. WITH REASONS THAT ARE BASED ON KNOWLEDGE, EXPERIENCES AND POWER. ON THE POWER OF THE ENERGY.

> SALES IN FOREIGN **MARKETS**

18.208 GWh (66%)

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SALES IN DOMESTIC **MARKET** 9.441 GWh (34%)

HSE COMPANY

Purchase of electricity: 27.649 GWh

OTHER SOURCES Purchase of electricity: 19.355 GWh (70%)

OWN PRODUCTION **SOURCES**

Production: 8.294 GWh (30%) Capacity: 1.760 MW



HYDRO (64% OF SOURCES)

Production: 5.340 GWh Capacity: 930 MW 76 turbines

THERMAL (36% OF SOURCES)

Production: 2.954 GWh Capacity: 830 MW 4 units in 4 gas turbines

Production: 33.854 TJ

DEM

Production: 3.919 GWh Capacity: 592 MW 28 turbines

TEŠ

Production: 2.835 GWh Capacity: 662 MW 3 units in 2 gas turbines

PV

Production: 33.854 TJ

SENG

Production: 991 GWh Capacity: 338 MW 39 turbines

TET in liquidation

Production: 119 GWh Capacity: 168 MW 1 unit in 2 gas turbines

HESS

Production: 430 GWh Capacity: 106 MW 9 turbines

Production and trading activities of the HSE Group in 2014.



BIG, STRONG, COMPARABLE

THE HSE GROUP IS THE BIGGEST SLOVENIAN ORGANISATION IN THE FIELD OF ELECTRO ENERGETICS AND THE BIGGEST MANUFACTURER AND TRADER IN ELECTRIC ENERGY IN THE WHOLESALE MARKET OF SLOVENIA. HYDROELECTRIC PLANTS, THERMOELECTRIC PLANTS AND A COAL MINE, UNITED INTO ONE BRAND - THE HSE GROUP. FROM SEVERAL DIFFERENT SOURCES WE PRODUCE A LARGE PART OF ELECTRIC ENERGY IN SLOVENIA, AND IN SO DOING WE ARE GUIDED BY THE PRINCIPLES OF SAFE, RELIABLE AND ENVIRONMENTALLY-FRIENDLY SUPPLY TO OUR CUSTOMERS. BESIDE THE PRODUCTION OF ELECTRIC AND THERMAL ENERGY, WE ARE ALSO INVOLVED IN THE MINING OF LIGNITE, SALES AND TRADING OF ELECTRIC AND THERMAL ENERGY, IN FUTURES CONTRACTS FOR ELECTRIC ENERGY, CO, EMISSION ALLOWANCES, IN CERTIFICATES OF ORIGIN AND OTHER CERTIFICATES OF ELECTRIC ENERGY FROM RENEWABLE SOURCES, IN THE IMPROVEMENT OF THE PRODUCTION OF THE HSE GROUP, IN THE ASSURANCE OF SYSTEM SERVICES WHICH ARE NECESSARY FOR THE OPERATION OF THE ELECTRO ENERGETIC POWER GRID. AND IN THE MANAGEMENT AND REALISATION OF ENERGY PROJECTS.

Since its foundation, HSE has been the driving force of Slovenian power industry development, and a fully fledged rival to the biggest and best in the European markets.

Beside the Slovenian market itself, we are also active in nineteen foreign electric energy markets. Our companies, branch office and representative office are located in Slovenia, Croatia, Serbia, Bosnia and Herzegovina, Macedonia, Romania and the Czech Republic. We are members of the German electric energy exchange EPEX Spot, Austria exchange EXAA, French exchange POWERNEXT, Italian exchange IPEX, Czech exchange OTE, Prague exchange PXE, Hungarian exchange HUPX, Romanian OPCOM, regional energy exchange SOUTHPOOL (Slovenia and Serbia) and Slovakia exchange OKTE. In Greece, HSE has a license for trading on behalf of the parent company, but all operations are carried out through the local market organizer LAGIE (Mandatory Pool). In 2011, the HSE completed the registration procedure within Spanish market and also became a member of the Spanish exchange OMIE, and in 2012 HSE obtained a direct license for trading in the Bulgarian market. Other markets in which the HSE Group does business are Montenegro, Switzerland and Kosovo, since it works as an independent state in terms of energy power supply. With a diverse business network we strive for quantitative growth and geographical expansion of business, developing and strengthening the reputation of the company and of the HSE Group and indeed of the whole of Slovenia in Europe.

THE HSE GROUP WITHIN THE MARKETS OF WESTERN, CENTRAL AND SOUTH-EASTERN EUROPE





WE ARE DRIVEN BY CHALLENGES. AND GOODNESS.

WE FIRMLY BELIEVE IN TWO THINGS: ALWAYS MORE AND ALWAYS BETTER. WITH CREATIVE WORKING ENERGY WE REAFFIRM ANEW OUR MISSION EVERY DAY: TO CREATE NEW, ADDED VALUE FOR THE WIDEST RANGE OF USERS. IN OUR ACTIONS AND DESIGN ACTIVITY WE ARE ENERGETIC AND FULL OF ENERGY – AFTER ALL, ENERGY IS OUR BUSINESS.

THE MISSION of the HSE Group is the reliable, efficient, socially and environmentally responsible production of electric energy as well as the cost-effective and profitable supply of electric energy and other energy products, which enables the development of renewable energy sources and performance of related activities in a socially responsible manner.

OUR VISION is to become a significant regional supplier of energy, especially from renewable sources. With optimal usage of synergy effects of the group, we would like to ensure long-term competitiveness of the group and development of professional potential, which is the only guarantee that a balance between nature and man will be preserved in the use of natural resources and the vision of the HSE Group will be realised.

OUR VALUES are reflected in our relations with the social environment, employees, users, business partners and owners. At the heart of our values is the development of a responsible and mutually satisfactory partnership with all the key participants. This kind of partnership is the result of a commercial, ethical, principled, honest, responsible and professional approach to interpersonal relationships in the business world, in which we are involved. It is respect for these values that directs our acts and actions.



THE HSE GROUP: 15 MEMBERS OF ONE FAMILY

THE COMBINED PERFORMANCE OF THE COMPANIES THAT COMPOSE THE HSE GROUP PROVIDES US WITH GREATER MARKET COMPETITIVENESS, OPTIMAL USE OF PRODUCTION CAPACITY GIVEN THE CURRENT MARKET CIRCUMSTANCES, REDUCING THE NEGATIVE FINANCIAL EFFECTS OF DEFICIT OF PRODUCTION, A MORE COMPREHENSIVE OFFER OF ELECTRIC ENERGY PRODUCTS, LESS RISK WHEN MAKING LONG-TERM CONTRACTS AND GREATER PERFORMANCE CAPABILITIES IN FOREIGN MARKETS.

THE HSE GROUP IS COMPOSED OF:

- Holding Slovenske elektrarne, d.o.o. / Holding of Slovenian Power Plants (parent company),
- Dravske elektrarne Maribor, d.o.o. / Drava River Hydroelectric Power Plants of Maribor (company is 100% owned property of the HSE),
- Soške elektrarne Nova Gorica, d.o.o. / Soča River Hydroelectric Power Plants of Nova Gorica (company is 100% owned property of the HSE),
- Hidroelektrarne na spodnji Savi, d.o.o. / Lower Sava River Hydroelectric Power Plants (company is 49% owned property of the Group HSE),
- Srednjesavske elektrarne, d.o.o. / Central Sava River Hydroelectric Power Plants (company is 60% owned property of the HSE),
- Termoelektrarna Šoštanj, d.o.o. / Thermal Power Plant Šoštanj (company is 100% owned property of the HSE),
- Termoelektrarna Trbovlje, d.o.o. v likvidaciji / Thermal Power Plant Trbovlje in liquidation (company is 81,3% owned property of the HSE),
- Premogovnik Velenje, d.d. / Coal Mine Velenje (company is 77,7% owned property of the HSE),
- HSE Invest, d.o.o. (company is 75% owned property of the Group HSE),
- HSE Balkan Energy, d.o.o. (company is 100% owned property of the HSE),
- HSE Adria, d.o.o. (company is 100% owned property of the HSE),
- HSE MAK Energy DOOEL, d.o.o. (company is 100% owned property of the HSE),
- HSE BH Energetsko preduzeće, d.o.o. / HSE BH Energetic company (company is 100% owned property of the HSE),
- Branch office HSE Prague,
- Representative office HSE Bucharest.

HOLDING SLOVENSKE ELEKTRARNE, D.O.O. (HSE)

HSE is the parent company of the HSE Group, based in Ljubljana with business units in Maribor, Velenje and Nova Gorica. The management department, trading sector, research and development sector, general sector, the internal audit department, communications department, legal office, controlling department and finance and accounting department are all based in Ljubljana. In Maribor, we have established the production management centre, investment and telecommunications centre as well the sub-sector for development and operations management centre for the entire electric energy production of the HSE Group. The Velenje business unit is responsible for the domestic market, sales relationships between group companies, monitoring and calculation deviations, trading electricity from renewable sources, long-term planning and billing of electric energy. The business unit in Nova Gorica is responsible for foreign markets.



DRAVSKE ELEKTRARNE MARIBOR, D.O.O. (DEM)

With eight large hydroelectric power plants on the river Drava (HPP Dravograd, HPP Vuzelnica, HPP Vuhred, HPP Ožbalt, HPP Fala, HPP Mariborski otok, HPP Zlatolčje, HPP Formin), three small hydroelectric power plants (SHPP Melje, SHPP Markovci, SHPP Ceršak) and four solar power plants (SPP Zlatoličje, SPP Formin, SPP Dravograd and SPP OCV 3), the company DEM produces almost a quarter of all Slovenian electric energy supplies. The average annual production of the company DEM, which amounts to 2.664 millions kWh, represents 80% of the Slovenian electric energy, which meets the criteria of renewable resources and standards of the internationally recognised RECS certificate (Renewable Energy Certificates System). Total power at the threshold of power plants of the company DEM is nearly 600 MW. Efficiency, reliability, flexibility, integrity and environmental responsibility are the fundamental values of the company; care for the environment is a fundamental factor for work and economic success - at the existing facilities and those yet to be established.

SOŠKE ELEKTRARNE NOVA GORICA, D.O.O. (SENG)

The company SENG produce blue energy - electric energy from renewable sources in the Soča river basin. The company's activities are guided by well considered environment, development and business principles. In order to achieve reliable production of blue energy and reach its business goals, the company strives to ensure high operational readiness and reliability of production facilities, while seeking new development openings and opportunities.

SENG operates with five large hydroelectric power plants (HPP Solkan, HPP Doblar 1, HPP Doblar 2, HPP Plave 1 and HPP Plave 2), 21 small hydroelectric power plants and with the first Slovenian pumped-storage power plant Avče.

HIDROELEKTRARNE NA SPODNJI SAVI, D.O.O. (HESS)

The company HESS is a leading Slovenian company in the construction of new facilities in the field of renewable energy sources. It was founded in 2008 with the core business project and aim of building a chain of hydroelectric power plants on the lower Sava River (HPP Boštanj, HPP Arto - Blanca HPP, HPP Krško, HPP Brežice and HPP Mokrice), and with the aim of conducting autonomous operation and maintenance of already built hydroelectric power plants.

The chain of hydroelectric power plants represents a multi-purpose project, which provides a significant share of electric energy production in Slovenia derived from renewable energy sources. The project significantly reduces the risk of flooding in the Posavje region and provides additional development opportunities for the local communities. The major share owners of the company are GEN Group (51%) and the HSE Group (49%).

SREDNJESAVSKE ELEKTRARNE, D.O.O. (SRESA)

The company SRESA was founded in August 2011. The share-holding partners - HSE, d.o.o (60%), Savske elektrarne Ljubljana, d.o.o. (30%) and GEN energija, d.o.o. (10%) – are endeavouring to achieve speedy start-up, construction and administration of hydroelectric power plants on the middle Sava River, in accordance with the Decree on the concession for the use of water for power generation on the River Sava from Ježica to Suhadol and the Decision of the Government of the Republic of Slovenia on 22 December 2005, by which the HSE Group was awarded the concession for the use of water and electric energy production on the Sava River. Hydroelectric power plants on the middle Sava River will significantly contribute to the fulfilment of the requirements of the EU directive on renewable energy sources and enable more flexible operation of the electric energy system in Slovenia.



TERMOELEKTRARNA ŠOŠTANJ, D.O.O. (TEŠ)

The company TEŠ is the largest thermal production structure in the HSE Group. Its basic activity is the production of electric and thermal energy for remote control heating. With power of 1,105 MW (after 31 December 2015 when Unit 4 stops 850 MW; Unit 5 is scheduled to shut down at the end of 2027, the operation of Unit 6 is envisaged until 2054) it produces approximately a third of energy in the country, but in crisis periods covers more than half of the consumption. The average annual electric energy production ranges between 3,500 and 3,800 GWh and the average annual production of thermal energy for district heating of the Šaleška Valley comes to between 320 to 400 GWh. For the mentioned annual production of electric and heat energy, the plant consumes from 3.5 to 4 million tonnes of coal. The activity of TEŠ is according to its output, comparable to the best European thermal power plants. With completion of the construction of Unit 6, which after successfully completing cold start-up tests at the end of September 2014 was successfully integrated into the Slovenian electric energy network, the level of environmental pollution will reduce and the quality and energy efficiency will improve. All this will enable the power plant to meet the international standards of the best available techniques.

TERMOELEKTRARNA TRBOVLJE, D.O.O. V LIKVIDACIJI (TET)

The origins of the production of electric energy in the Zasavje region, more precisely in Trbovlje, go back to the year 1906 when the first kilowatt hour of electricity was produced in the calorific power plant, which was at that time the most modern electric power plant of its day. Unfortunately, over the years a lot has changed in TET. In 2014 the production price of electric energy produced at the plant, considering its 100% dependence on imported coal and high transport costs, could no longer keep track of lower and lower electric energy prices in the European markets. In September 2014, the stopped producing electric energy from coal, causing stagnation in the upkeep of the machinery and equipment within Unit 4, but measures to maintain production facilities in a technically satisfactory conditions are being implemented .

After almost two years of negotiations with a potential buyer, the Board of TET at the meeting on 17 November 2014, took the decision on the initiation of regular liquidation of the company; on 16 December 2014 the procedure for liquidation was entered in the court register.

The company known as TET in liquidation although in the process of the liquidation continues to operate in accordance with contracts and meets all contractual obligations to the key suppliers. During the liquidation process, activities for the sale of the company are in progress.



PREMOGOVNIK VELENJE, D.D. (PV)

The company PV is a company with 140 years of tradition. The highly technologically advanced mining equipment together with the highly skilled employees that manage this equipment, put the mine among the most modern underground coal mines in the world. One of the thickest layers of lignite in the world spurred the development of innovative excavation methods. We are talking of the unique Longwall excavation method, which is known throughout the world as the Velenje mining method. Due to the awareness that energetics is a sector of paramount importance for the future and that the Šaleška Valley has an important role in this, PV always tries to actively work in harmony with the environment and strives to maintain a healthy environment.

In 2015, the planned production of the coal is of the order of 36,677 TJ; over the entire period of operation of Unit 6 of TEŠ between the years 2015-2054, the planned production will be some 1,053,231 TJ.

HSE INVEST, D.O.O.

The company HSE Invest is a company which focuses on the engineering and construction of energy facilities and it provides such services as engineering consulting and project implementation. The most important activity of the company is the management of developing projects in the pre-investment stage, project management of construction of new energy facilities, project management of reconstruction of existing facilities and construction of all stages of project documentation for both energy and other construction objects. The company in Slovenia performs projects in the energetic and infrastructure sector and in the sector of environmental protection, but the vision is to expand activities to foreign countries.

HSE BALKAN ENERGY, D.O.O.

The establishment of HSE Balkan Energy with headquarters in Belgrade in 2006, was the result of business expansion into Southeast Europe. Within its region Serbia has an important geographic and energetic role, well a developed electricity system and important natural resources such as water, coal and geothermal energy. The company deals in electric energy and supports the HSE Group in expanding its business operations into the markets of SE Europe.

HSE ADRIA, D.O.O.

HSE Adria with headquarters in Zagreb was founded in 2006 with the purpose to establish links with the markets of Central and Eastern Europe and it is involved in cross-border trade in electric energy and in concluding contracts in the sale and purchase of electric energy.

HSE MAK ENERGY DOOEL, D.O.O.

The company HSE MAK Energy DOOEL based in Skopje, was established in 2006 due to the increasing opportunities for trading in electric energy across the Balkans as far as to Greece.

HSE BH ENERGETSKO PREDUZEĆE, D.O.O.

The company HSE BH Energy company with headquarters in Sarajevo, was founded in 2010 as a subsidiary company of HSE. The legislation of Bosnia and Herzegovina requires that for acquiring the license certifications FERC and SERC for trading electricity internally within Bosnia and Herzegovina and for cross-border trade, a legal person must be registered in Bosnia and Herzegovina.

BRANCH OFFICE HSE PRAGUE

Based on a license obtained in 2007 for electric energy trading, the HSE Group through its branch office in Prague is involved in the purchase and sale of electric energy in the Czech market, of which the subsidiary company is a member. At the same time the company ensures participation in auctions for granting the cross-border transmission capacity.

REPRESENTATIVE OFFICE HSE BUCHAREST

After the entry of Bulgaria to EU and the subsequent closure of two reactors at the Kozloduy nuclear power plant, Romania has become a major exporter of electric energy in the region. Romania has the largest stock market in electricity in SE Europe and a liberalised market. It was therefore crucial that in 2007 we established a representative office in Bucharest with a license for electric energy trading.



FOCUSED ON THE FUTURE

THE HSE GROUP IS IN A PERIOD OF NEW CHALLENGES AND PLANS, THE MOST IMPORTANT ONES OF WHICH ARE LINKED TO BUSINESS AND FINANCIAL RESTRUCTURING, CONTINUES TO FOLLOW THE MAIN STRATEGIC GUIDELINES THAT ALLOW THE SUSTAINABLE DEVELOPMENT OF THE GROUP. THESE INCLUDE THE REALISATION OF THE ECONOMICALLY LEGITIMATE INVESTMENTS IN THE NEW PRODUCTION FACILITIES, WHICH ENABLE THE USE OF RENEWABLE RESOURCES, SIGNIFICANTLY REDUCE CO₂ EMISSIONS PER UNIT OF PRODUCED ELECTRIC ENERGY AND AT THE SAME TIME INCREASE THE ADDED VALUE OF THE HSE GROUP. BY DOING SO, WE STRIVE FOR GREATER EFFICIENCY AND FOR ADVANCED TECHNOLOGIES FOR THE SUSTAINABLE PRODUCTION OF ELECTRIC ENERGY, WHICH UNDOUBTEDLY MEANS THAT THE INVESTMENTS ARE CARRIED OUT IN LINE WITH NATIONAL AND EUROPEAN POLICIES AND LEGISLATION IN THIS FIELD.

Our main strategic orientations and set goals are:

1. Maintain the position as the biggest electricity producer in Slovenia

The construction of the Unit 6 at TEŠ is completed and the unit has entered into trial operation. The next task is to harmonise the operation of Unit 5 in terms of environmental constraints (NO_x). In the coming period we will begin the reconstruction of hydroelectric power plants on the Soča river, the construction of the small hydropower plant Kneža, carry out of projects related to renewable energy sources on the Drava river basin, perform procedures for the establishment of hydroelectric power plants on the Mura and middle Sava river and initiate measure to include the appropriate portion of generated hydroelectric energy produced at hydroelectric power plant Brežice from 2017 onwards. With effective planning of operations and maintenance of equipment in the HSE Group, we will ensure the maximum utilisation of production facilities, and thereby create new added value.

2. Maintain the position as the largest producer of electricity from renewable sources in Slovenia

We need to continue the policy of the placement of new production capacity in an environmentally friendly, socially acceptable and competitive oriented way, informing all stakeholders that the HSE Group is a pillar and reference of social responsibility in Slovenia. In the HSE Group we are aware of the strategic importance of hydropower, that is why in addition to the planned reconstruction and construction of small hydropower plant Kneža within the given possibilities, we will carry out activities for the realisation of the project, environmental and other required documents for hydropower plants in the middle Sava river, on the Drava, Soča, Mura inflows and other watercourses. We will continue to research possible investments in distribution generation technologies, which are in the line with the national policy of promoting electricity generated from renewable energy sources and combined heat and power generation, capable of offering electricity at market prices. However, in the future more attention should be given to the possibility of using environmentally sustainable alternative fuels, both in existing facilities such as in the new investments, with simultaneous emphasis on the concurrent utilisation of electricity and heat and the sustainable use of biomass.

3. Retaining the leading position in the field of electricity trading in Slovenia

The main objectives in the trading area are: keeping the position as Slovenian leading supplier of wholesale electric energy, realising trading volumes in the domestic market above 8.5 TWh, consolidating our position in the Slovenian and regional market and realising trading volumes over 25 TWh. With the transition to seven-day trading and 24-hour trading (intra-day), we will create new added value and positive business results despite the challenging conditions in the energy market. All of this will provide an important basis for strengthening stable, long-term business relationships and forming new strategic partnerships in the region.

4. Reduction of CO₂ emissions and specific consumption of primary energy per unit of produced EE

Unit 6 at TEŠ will emit 30% less CO₂ emissions in the environment per unit of electricity produced, by using the best available technology BAT (*Best Available Technology*). It will significantly reduce the volume of other pollutants (SO₂, NO_x and noise) per MWh of generated electric energy in relation to the current units generated at TEŠ. Increased efficiency of Unit 6 will also result in a significant reduction in the consumption of primary energy source - coal per MWh of electric energy produced by about 30%.

5. Restructuring of the HSE Group

We need to focus on the restructuring of the HSE Group in order to increase added value along the chain, which comprises trading in electric energy, sustainable production of electric energy and acquisition of primary materials, planning the renovation and construction of environmentally-acceptable power plants and the development of comprehensive energy services that meet the needs of the energy market. In this context, our goal will be to strengthen concern operations of the HSE Group, based on modern corporate management principles. Since this can not be achieved without the consent and participation of employees, we will continue to strive for continuous training and transfer of knowledge between employees focussed on and with the goal of developing their motivation, satisfaction and loyalty.

FRIENDLY TO THE ENVIORMENT, RESPONSIBLE TO THE COMMUNITY

THE CIRCUMSTANCES OF THE OPEN ELECTRIC ENERGY MARKET IN SLOVENIA, AND IN PARTICULAR THOSE OF THE EXTERNAL MARKETS, REQUIRE CERTIFIED QUALITY IN TERMS OF OUR ATTITUDE TO SOCIETY AND PROPER ENVIRONMENTAL MANAGEMENT, AS WELL AS THE APPROPRIATE APPROACH TO THE PRODUCTION OF ELECTRIC ENERGY AND OTHER ENERGETIC PRODUCTS. PRODUCTS WITH RELEVANT CERTIFICATES ACHIEVE BETTER SALES RESULTS, AND SOMETIMES IT IS ONLY WITH APPROPRIATE CERTIFIED PRODUCTS THAT ONE IS ABLE TO PENETRATE A PARTICULAR MARKET.

HSE operates and works on quality standards, which require a responsible attitude towards the community, with which we coexists and is affected by our operations. Our success is therefore measured not only by concrete indicators, but also by less tangible ones, ones which we achieve through the satisfaction of target audiences and their consent to the widest acceptability of our business decisions. Therefore, since the beginning of our operations, we have designed an environmental policy, which can be summarised in a few basic points:

- produce electric energy with the minimum environmental impact,
- respect all legal standards and recommendations,
- introduce the best technology available, so that environmental impacts are minimised,
- encourage the development of renewable sources of electricity,
- achieve a partnership with local communities and together solve environmental problems and plan sustainable development of electric energy production,
- achieve sustainable operations and development of energy capacity.

The fundamental objective of our environmental policy remains a permanent balance, which the HSE Group achieves through preventative measures to prevent environmental damage, through division of responsibility and inclusion of environment in the individual business processes.

All companies in the HSE Group which produce electricity as well as the parent company, have been awarded international quality certificate ISO 9001 and international environmental certificate ISO 14001. Through strict compliance of the latter member companies of the group provide safe and environmentally friendly power generation at all hydroelectric power plants. Through environmental rehabilitation and upgrades, both thermal power plants achieved more environmentally-friendly technological levels; moreover PV has become one of the first mines in the world, which has displayed proven, comprehensive and responsible environmental management, according to the requirements of this standard.



BLUE FOR ALL GENERATIONS

THE ENERGY FROM HYDRO POWER PLANTS IS QUANTITATIVELY THE MOST IMPORTANT SOURCE OF ELECTRIC ENERGY FROM RENEWABLE SOURCES IN SLOVENIA, AND THE HSE GROUP IS THE LARGEST PRODUCER OF HYDROPOWER IN THE COUNTRY. THAT IS WHY THE RENEWABLE ENERGY SECTOR IS VERY IMPORTANT BOTH FOR BUSINESS AS WELL AS FROM THE PERSPECTIVE OF CREATING IN THE FUTURE A POSITIVE EXTERNAL IMAGE OF THE COMPANY.

In 2004 in cooperation with the electric distribution companies, we came up with the project **Modra energija** (**Blue Energy**). The mission of the project is to encourage responsible energy behaviour, which is crucial for ensuring the quality of life, environmental protection and health of present and future generations.

Both domestic and business users can opt to purchase blue energy, and by doing so they contribute to a better environment and demonstrate responsibility towards nature. By purchasing these energy technologies they contribute to the **Modri sklad** (*Blue Fund*), which is intended to promote energy production from renewable sources, research in the field of facilitating the acquisition of this type of energy and the rehabilitation and construction of units that produce such energy.

The production of Blue energy is in line with international environmental criteria and with the EECS system (European Energy Certificate System). Compliance with EECS criteria and European environmental standards in Slovenia are regularly monitored by the Energy Agency and the company TÜV SÜD from Germany, which ensures that the aforementioned energy is really produced from renewable sources.



www.modra-energija.si

Given alarming statistics about the future of our planet, the HSE Group through research projects, usage of renewable energy sources and public awareness, tries to contribute to preserve the environment and at the same time, to promote a leisurely and technologically advanced way of life.

In the HSE Group we are convinced that we should inspire awareness of environmental concerns and the importance of renewable energy sources in children, as they are the ones who will someday manage our planet. In 2005 in response to the need for an awareness of renewable energy among children, we designed the brand for pre-school and school children **Modri Jan** (*Blue Jan*), who represents the personification of a drop of water. Through this project and its subprojects for kindergartens and schools, children through entertaining contents learn about energy and environment-related topics. From 2013 onwards, the trademark **Modra generacija** (*Blue generation*) is available for teenagers with a goal to increase environmental awareness.



www.modri-jan.si



www.modrageneracija.si



WE ARE COMING TOWARDS

The HSE Group companies do their best to help organisations, associations and individuals who specifically require support and support professional events in the field of electricity, energy efficiency and renewable energy sources. **The Centre for Social Responsibility of the HSE Group** since its establishment in 2013 strives for even more efficient deployment of resources and continues to work with various charitable campaigns, an initiative which we started a few years ago and so far provided at least a small degree of hope to many individuals and organisations.



www.hse-cdo.si

But we don't act responsibly only to the external stakeholders and the environment, but also to our employees. The award **full certification as a Family Friendly Company** provides an additional spur and motivation for us to upgrade existing measures and make reconciliation of the balance between work and family life a lot easier for our employees.





LOOKING FORWARD

Together with other companies in the market, HSE is also facing rapid and radical changes that affect our business on a daily basis. Therefore, to act effectively we must recognise such challenges and develop further strategies for maintaining our leading role in the country and our growing role in the region of Southeast Europe, where we are positioned as a strategically important partner. Many factors have an influence on our position, factors which we will continue to monitor into the future, since they enable us to focus on the projects that are economically viable, environmentally justifiable and energy-efficient. Investing in new production facilities is and will be a necessity, and a market and business imperative which heads our strategic plans. However, this is only one of the steps in overcoming the long-term import dependence of Slovenia; increasingly important are those 'softer' approaches that focus on the each individual customer and awareness about the responsible use of electricity and a positive relationship with the environment. With a palette of socially and environmentally responsible activities, we have been present for many years on Slovenian territory and we have devoted all necessary resources, mindful of the responsibility that we have towards the environment and stakeholders, and particularly towards future generations to come. Finally, it is also our responsibility in keeping with Slovenian and European regulation and legislation.



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Circulation: 100





POZITIVNA ENERGIJA NARAVE

Skupina HSE je največji slovenski proizvajalec in trgovec z električno energijo. Kot zaupanja vreden partner stremimo k ustvarjanju trajnih in trdnih poslovnih odnosov. Zato tako domačim kot tujim odjemalcem zagotavljamo varno, zanesljivo in kakovostno oskrbo z električno energijo. Ker se zavedamo vloge pri ustvarjanju prijazne prihodnosti, znanje usmerjamo v iskanje optimalnih rešitev iz okolju prijaznih, obnovljivih virov. Za energijo, ki bo poganjala domišljijo naslednjih rodov.









