**List of selected projects**

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| **No** | **Applicant** | **Project title** | **Project description** |
| **1** | „Join“ ltd, Novi Pazar | Innovative production of denim | The company "Join" from Novi Pazar, which produces denim, is gradually replacing the use of solid fuel with solar panels, which will produce energy for heating water in production, as well as electricity. A filter will be installed on the chimney of the boiler room preventing polluting particles from being released into the atmosphere. Also, by replacing the carpentry, it will increase the energy efficiency of its production facility. As part of socially responsible business, the company will renovate the family home of one of its socially vulnerable employees by insulating it, replacing the carpentry, and purchasing a new heating element. |
| **2** | PUC “City Sanitation”, Novi Pazar | From biomass to clean energy for clean air | PUC "Gradska čistoća" from Novi Pazar will use a multifunctional machine for the maintenance of public green areas to process wood and organic waste collected on agricultural farms and make wood chips, which will be used for operating of the city's biomass heating plant. In this way, the use of fossil fuels for heating, and thus the air pollution in Novi Pazar, is reduced. The solution foresees the training of members of vulnerable groups to work with the new machine for making wood chips, which will make them more employable in new, green workplaces. |
| **3** | Energy cooperative Elektropionir, Belgrade | Solar Harvest | The energy cooperative "Elektropionir" in cooperation with the organic farm “Organela”, and with the financial participation of the cooperative, is building an innovative solar power plant that will supply energy for the production of organic food, the so-called "agrosolar". With agrosolar, the land is used to its full potntial - plants are planted under the solar panels, which creates a microclimate that favorably affects the increase in yield, and plant evaporation cools the solar panels, which increases their efficiency and annual electricity production. This initiative plans to organize workshops on the production of organic food using solar energy in cooperation with NURDOR, an association of parents of children with cancer, which will contribute to raising awareness of energy-efficient and sustainable production of healthy and organic food. |
| **4** | Beo Čista Energija ltd, Belgrade | Vinča Recourse Recovery Centre Project | The company "Beo čista energija" is building a plant for the energy utilization of waste and polluting flue gas at the closed and rehabilitated Vinča landfill, which will reduce emissions of harmful substances and enable the reuse of useful substances from flue gases. In addition, a Visitor Center will be opened for the organization of various educational and promotional activities in the field of waste management and environmental protection. |
| **5** | Mizan Line ltd, Novi Pazar | Photovoltaic power plant on the roof | The company "Mizan Line", which produces undergarments and sleepwear, is replacing the use of fossil fuels in its plant in Sjenica with a solar power plant and a water-to-air heat pump. Two sources of renewable energy enable sustainable of the business practices, which is of immense importance for the Sjenica region, where women predominantly work. This will contribute to the reduction of the energy intensity of the economy and the dependence on energy imports. As part of socially responsible business, the company plans to make two households more energy efficient by replacing woodwork and individual fireplaces with environmentally friendly firewood, thereby contributing to the reduction of energy poverty. |
| **6** | Public enterprise for underground coal mining RESAVICA, Despotovac | Parterre arrangement of Coal mining museumSenjski Rudnik | Public enterprise "Resavica" deals with the exploitation of coal in 9 mines in Serbia. The goal of the project is to improve the existing museum display in the Senj mine (Senjski Rudnik) by reconstructing the entryway of the museum and restoring the space of the former loading station to its original state from the 1900s, based on archival documentation. Industrialization in Serbia began in the Senj mine back in 1953, and it is the only mine that has been operating for 170 years and is nearing the end of its century of exploitation. After the closure of this mine, the mining colony will be turned into an Eco-museum, which will exhibit the way of life and work in the mining area. This will contribute to the creation of new jobs in the field of tourism. |
| **7** | GRP Centar ltd, Sombor | Solar power plant for own use with sale of the surplus to the electricity grid | "GRP Centar" produces climbing walls, and exports the entire production. Installing a solar power plant will reduce CO2 emissions by 2240 tons per year, the company's operating costs, and will contribute to reducing the energy intensity of the economy. The solution provides for the training of employees for the maintenance of the solar plant. As part of socially responsible business, the company will provide 1t of briquettes each year for the heating of five energy-dangerous households, which is produced by processing waste from production, thereby contributing to the reduction of energy poverty and better waste management. |
| **8** | DS ISKOP GRADNJA ltd, Novi Pazar | Improving the sustainability of the construction industry by recycling construction waste | The project envisages the recycling of construction waste into materials that can be reused in the construction industry by treatment in a machine for crushing concrete waste. Workers will be trained to operate this machine and apply energy-efficient technologies. The company will support an energy-impaired household by donating stoves, environmentally friendly firewood and insulating the facade, thus providing better living conditions for its members. |
| **9** | KAYAK HOUSE ltd, Novi Sad | Solar catamaran E-Cat X | "Kayak House" manufactures and sells catamarans, motorboats and kayaks. The solution envisages the construction of a solar catamaran for navigation on Serbian rivers and lakes, especially in areas where boats with internal combustion engines are prohibited, which will contribute to the development of eco-tourism. Promotional tours and workshops will be organized for children with special needs and children without parental care, where they will learn about catamaran production, renewable energy sources and environmental protection. |
| **10** | AY-YA Products, Šid | Use of hazelnuts in the production and processing of AY-YA products, closure of the production process, and promotion of women’s entrepreneurship in the Municipality of Šid | "AY-YA" produces cold-pressed hazelnut oil. Their solution is based on the acquisition of equipment for innovative production in which more than 80% of the raw material will be used and thus create a significantly smaller amount of waste. This innovative production will enable the expansion of the product range of the company, "AY-YA", to include other hazelnut producers of the Srem region and enable the development of female entrepreneurship through organized retraining of women from sensitive groups to work with new machines. |
| **11** | Toyo Tire Serbia ltd, Indjija | Patent/prototype development: Innovative use of recycled tire pellets to create non-toxic, circular, and modular street furniture that puts used tires back on city streets | "Toyo Tires Serbia" produces tires for cars, vans, trucks and buses. In partnership with the company "Kuerk" they are developing a prototype solution for rubber recycling. Street and traffic furniture will be made from recycled material, which will reduce the harmful impact of tire waste on the environment. This project envisages the construction of an interactive playground for children, in accordance with global good practices and public health standards. |
| **12** | Beoatling ltd. Belgrade | Electrical Energy Production by Human Powered Exercise Machines | The solution envisages the conversion of kinetic energy produced by a person during exercise into electrical energy, which contributes to the reduction of greenhouse gas emissions and the promotion of a healthy lifestyle. "Microgenerators" that use the energy of everyday processes, repurpose it and make green energy from it, will be located on exercise equipment and will register every movement, and generate electricity from it. This solution is an example of fast, sustainable and low-cost green energy production that could be widely used to accelerate the green transition. |