

# Revised Single Project Pipeline in the Energy Sector

## Definition of Group:

**Group 1** – Ready for tendering and investment realization

- **Group 1a** – projects with technical documentation prepared, ready for tender preparation or tendering
- **Group 1b** – projects with preparation of technical documentation ongoing, and ready for tendering when it is finished

**Group 2** - Ready for preparation of technical documentation

- **Group 2a** – projects with spatial planning documentation completed with preconditions for land acquisition in place
- **Group 2b** – projects with gaps in spatial planning documentation with preconditions for land acquisition still pending

ENERGY SECTOR PROJECTS <sup>1</sup>			Total score based on Strategic relevance	Group based on GAP
1.	Transbalkan corridor – phase 1 – new double 400 kV OHL Pančevo (Serbia) – Resita (Romania), new double 400 kV OHL Obrenovac (Serbia) – Bajina Bašta (Serbia) and regional 400 kV interconnection RS-BA-ME	€ 134.36 m	90	2a
2.	Storage capacity for mandatory reserves of oil and oil products	€ 12m	90	
3.	Thermal rehabilitation of public buildings - improving energy efficiency in the City of Belgrade	€ 7.685m	90	
4.	Transbalkan corridor - Internal line – New 400 kV OHL between SS Kragujevac (Serbia) – SS Kraljevo (Serbia) with the upgrade of SS Kraljevo (Serbia) to 400 kV voltage level	€ 28m	86	1b
5.	Gas Interconnector Serbia Bulgaria – gas transmission pipeline on the Serbian territory	€ 69 m	86	2b
6.	Gas Interconnector Serbia Croatia – gas transmission pipeline on the Serbian territory	€ 32 m	86	
7.	Gas Interconnector Serbia Romania – Interconnection of gas pipeline systems between the Republic of Serbia and the Republic of Romania	€ 2.5m	86	2a

<sup>1</sup> In the scope of several rounds of bilateral negotiations between German and Serbian Governments, the following programmes were agreed/ funds committed: **Program “Promotion of renewable energies – developing the biomass market in Serbia“**, **Program “Energy efficiency in public buildings“** and **“Rehabilitation of District Heating Systems in Serbia – Phase V”**. Under the framework of those Programmes some projects are already identified, being at different stage of preparation/implementation between National stakeholders (Ministry of Mining and Energy and local authorities) and German stakeholders (KfW, GIZ and implementing agencies). Those projects which are already agreed or intended to be supported/selected between mentioned stakeholders under those Programmes should be assessed and included in the context of the Single Project Pipeline.

8.	Renewable energy project – Wind and Solar park Kostolac	€ 105m	86	
9.	Implementation of energy efficiency measures in Belgrade (LEEN)	€ 11m	86	
10.	The Project of utilization of geothermal energy - Bogatic	€ 2.7m	86	2b
11.	SO <sub>2</sub> and NO <sub>x</sub> emission reduction at the Nikola Tesla A1 TPP	€ 36 m	86	
12.	SO <sub>2</sub> and NO <sub>x</sub> emission reduction at the Nikola Tesla A2 TPP	€ 36 m	86	
13.	SO <sub>2</sub> emission reduction at the TPP Kostolac A, unit A2	€ 4m	86	2a
14.	NO <sub>x</sub> emission reduction at the TPP Kostolac A, unit A2	€ 15m	86	2a
15.	NO <sub>x</sub> emission reduction at the Nikola Tesla A6 TPP	€ 10m	86	2a
16.	NO <sub>x</sub> emission reduction at the Nikola Tesla B1 TPP	€ 14.5m	86	2a
17.	NO <sub>x</sub> emission reduction at the Nikola Tesla B2 TPP	€ 14.5m	86	2a
18.	NO <sub>x</sub> emission reduction at the TPP Kostolac B, unit B2	€ 17m	86	2a
19.	SO <sub>2</sub> and NO <sub>x</sub> emission reduction at the TPP Kostolac A, unit A1	€ 27m	86	
20.	Construction of WWTP at: <ul style="list-style-type: none"> <li>• Kostolac A TPP</li> <li>• Djerdap HPP (8 locations)</li> <li>• Drinsko-Limske HPP (8 locations)</li> </ul>	€ 18 m	86	
21.	Thermal rehabilitation of public buildings - improving the energy efficiency of public buildings in Kragujevac	€ 4.89m	86	
22.	CHP Energy Plant that use communal waste as fuel in Sabac	€ 30m	86	
23.	SO <sub>2</sub> emission reduction at the Nikola Tesla B1 and B2 TPP (flue gas desulphurization)	€ 146 m	81	
24.	Underground Gas Storage of Itebej	€ 85m	81	2b
25.	Transbalkan corridor Internal line – Single circuit 400 kV OHL SS Bajina Basta - SS Kraljevo - phase II	€ 36.7m	81	
26.	Thermal rehabilitation of public buildings and kindergartens in Zrenjanin	€ 7.2m	81	
27.	Thermal rehabilitation of public buildings in Subotica	€ 3.1m	81	
28.	Gas Interconnector Serbia FYROM - Section on Serbian territory	€ 8.5m	81	
29.	Gas Interconnector Serbia Montenegro - Section Niš (Doljevac) – Priština	€ 50 m	76	
30.	Asbestos elimination and substitution from all energy and coal production and distribution facilities	€ 5 m	76	
31.	Promotion of renewable energies - developing the biomass market in Serbia, Component I	KfW € 20 m	76	

32.	Biomass fired boiler house 2x1.25MW construction in the settlement Tivol in Ruma	€ 1.6m	76	
33.	Thermal rehabilitation of public buildings in the city of Smederevo (115 buildings)	€ 46m	76	
34.	Construction of waste and hazardous waste storage facility with infrastructure for <ul style="list-style-type: none"> <li>• TPP Nikola Tesla A and B</li> <li>• TPP Kostolac A and B</li> <li>• TPP Kolubara A</li> <li>• TPP Morava</li> <li>• HPP Drinsko Limske (8 locations)</li> <li>• HPP Djerdap (8 locations)</li> </ul>	€ 27m	76	
35.	Construction of waste and hazardous waste storage facility with infrastructure for EPS distribution branches (20 locations)	€ 50m	76	
36.	Biomass CHP Energy Plant in Sabac	€17m	76	
37.	New biomass fired CHP boiler house 4.0 MW construction in Pećinci	€ 9m	71	
38.	New ash handling system at TPP Nikola Tesla A	€ 55m	67	2a
39.	Adaptation of the landfill according to EU Landfill Directive <ul style="list-style-type: none"> <li>• TPP Nikola Tesla A</li> <li>• TPP Nikola Tesla B</li> <li>• TPP Kolubara A</li> <li>• TPP Morava</li> </ul>	€ 55 m	67	
40.	Enhancing of energy efficiency and usage of RES in primary schools and public buildings on the City's of Kraljevo area	€ 1 m	67	