



# REFERENCES

Authorized partner of **AXIS** Tech

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YEAR	CLIENT	LOCATION	PROJECT
Ongoing	SEC Zgorzelec	Zgorzelec, Poland	Supply of 2 x 12.5 MW biomass water heating boiler technological equipment, including fuel supply system, biomass furnaces, supply of flue gas cleaning and ash removal systems.
Ongoing	Visagino Energija	Visaginas, Lithuania	1.2 MWe biomass cogeneration power plant co-construction works, including the construction of the boiler house building, the construction of the fuel site, the construction of the turbine hall, the introduction of communications, and welfare works.
Ongoing	UAB Gren Lietuva	Marijampolė, Lithuania	5 MW biomass water heating boiler equipment supply, including biomass furnace, water heating boiler, flue gas cleaning and ash removal systems.
Ongoing	PGE Energia Ciepta SA Gdynia	Gdynia, Poland	2 x 15 MW biomass water heating boiler equipment supply, including fuel handling system with grab cranes, biomass furnace and flue gas cleaning and ash removal systems.
Ongoing	PEC Chiechanow	Ciechanow, Poland	8 MW biomass water heating boiler technological equipment supply, including fuel supply system, biomass furnace, ash removal system, flue gas condenser.
Ongoing	PEC Suwałki	Suwalki, Poland	2 x 18.5 t/h biomass steam boiler technological equipment supply, including two biomass furnaces, fuel handling system, flue gas cleaning and flue gas condenser systems, ash removal system.
Ongoing	MPGK Wlodawa	Wlodawa, Poland	6 MW biomass water heating boiler plant: supply of fuel handling and ash removal equipment, engineering, supervision of installation and start-up/adjustment works.
Ongoing	SEFAKO	Slupsk, Poland	Reconstruction of a coal-fired boiler into a biomass boiler plant. Supply of furnace and auxiliary equipment.
2024	Grigeo	Vilnius, Lithuania	Technological and technical condition audit of a 17.5 MW biomass steam boiler plant.
2024	Kauno Energija	Kaunas, Lietuva	Supply of additional parts for Organic Rankine Cycle (ORC) equipment, commissioning and installation works.
2024	AXIS Engineering	Zbaszynek, Poland	Furniture factory boiler house renovation project and installation of a NOx emissions-reducing SNCR system.
2024	SIA Powerhouse Sarkandaugava	Sarkandaugava, Latvia	Design for a 52 MW biomass water heating boiler plant.

YEAR	CLIENT	LOCATION	PROJECT
2024	SPGK Sp. z o.o. w Sanok	Sanok, Poland	7 MW biomass water heating boiler plant: supply of fuel handling system, furnace, boiler and ash removal systems. Equipment start-up/adjustment works.
2023	SIA Gaujas Koks	Jekabpils, Latvia	15 MW biomass water heating boiler with furnace and an electrostatic precipitator equipment supply, installation, start-up/adjustment works.
2023	MPEC Łomża	Lomza, Poland	3.2 MWe biomass CHP: supply of fuel handling system, furnace, 17 t/h steam boiler, flue gas condenser and ash removal systems. Equipment start-up/adjustment works.
2023	Megatem EC-Lublin	Lublin, Poland	11,7 MWe biomass CHP: 50 MW boiling bed boiler (manufacturer KPA Unicon), steam pressure 68 bar(a), T=490C°, boiler capacity – 55.8 t/h, 2 flue gas condensers, supply of fuel handling, ash removal and flue gas treatment systems. Equipment start-up/adjustment works.
2023	ECO RAVEN	Kostrzyn nad Odra, Poland	Biomass transportation systems for 30 t/h biomass steam boiler plant.
2023	PEC Chiechanow	Ciechanow, Poland	1.2 MWe biomass CHP: supply of fuel handling system, furnace, 15 t/h steam boiler, flue gas condenser and ash removal systems. Equipment start-up/adjustment works.



Łomza | Poland | 2023

YEAR	CLIENT	LOCATION	PROJECT
2023	MPEC Lembork	Lembork, Poland	5.1 MW biomass boiler plant: supply of fuel handling systems, furnace, 5.1 MW water heating boiler and ash removal systems. Equipment start-up/adjustment works.
2023	GS SERVICE LLC	Okhtyrka, Ukraine	Supply of equipment for 2x20 MW biomass water heating boiler plant: 2 fuel warehouses with fuel handling system, 2 furnaces, 2 water heating boilers, 4 multicyclones and ash removal system. Maintenance of equipment installation, start-up/adjustment works.
2022	Rigas BioEnergija	Riga, Latvia	50 MW biomass boiler plant: fuel handling systems and combustion product removal equipment supply, engineering, installation supervision and start-up/adjustment works.
2021	PAS Daugavpils siltumtikli	Daugavpils, Latvia	36 MW biomass boiler plant project: 4 x 7.5 water heating boilers, 2 x 3MW flue gas condensers. Project construction, equipment supply and start-up works.
2020	PEC Suwałki	Suwałki, Poland	Construction of a 30 MW biomass water heating boiler plant, including installation of 2 x 12.5 MW biomass water heating boilers, furnace, 5 MW flue gas condenser, fuel handling and storage systems, ash removal and flue gas cleaning equipment.
2020	Panevėžio Energija	Panevėžys, Lithuania	Construction of a 8 MW biomass water heating boiler plant with a 1.8 MW flue gas condenser.
2019	Litesko Marijampolė branch	Marijampolė, Lithuania	Assembly of 2 x 15 MW gas and liquid fuel-fired water heating boilers with flue gas condensers.
2019	Klaipėdos Energija	Klaipėda, Lithuania	2 x 8 MW biomass water heating boilers with 2 x 1.8 MW flue gas condensers. Flue gas cleaning using multicyclones and an electrostatic precipitator.
2019	Forest Investment	Vilnius, Lithuania	Construction of a 48 MW boiler plant by installing 2 x 20 MW biomass boilers with two flue gas condensers with a capacity of at least 4 MW.



Jekabpils | Latvia | 2023

YEAR	CLIENT	LOCATION	PROJECT
2018	Hella	Kaunas, Lithuania	Construction of the first module of Hella plant. 11,000 m <sup>2</sup> of industrial and office premises, built on the 8.9 ha land parcel in the Kaunas Free Economic Zone.
2018	NEO GROUP	Klaipėda, Lithuania	Reconstruction of the granules manufacturing and product warehouse, increasing production capacity up to 160 000 tones of granules per year.
2018	Eidsiva Bioenergy	Lillehammer, Norway	Installation of a 3.8 MW flue gas condenser: manufacture, assembly, start-up and adjustment works.
2018	KijevEnego	Kiev, Ukraine	Installation of a 24 MW flue gas condenser with additional equipment: construction, assembly, start-up and adjustment works.
2018	Comerc	Kharkiv, Ukraine	Supply of a 7 MW furnace, multicyclones, fuel combustion system and ash removal system.
2018	Rīgas BioENERģija	Riga, Latvia	Construction of a 48 MW biomass boiler plant by installing 2 x 20 MW biomass boilers with 2 x 4 MW flue gas condensers.
2018	Latvias Energoceltnieks	Riga, Latvia	Construction of a 26.9 MW biomass boiler plant by installing two water heating boilers with a capacity of 21.4 MW and a 5.5 MW flue gas condenser.



Kaunas | Lithuania | 2016

YEAR	CLIENT	LOCATION	PROJECT
2017	Savsjo Energi	Savsjo, Sweden	Construction of an 10.6 MW biomass boiler plant by installing a 8 MW water heating boiler with a 2.6 MW flue gas condenser.
2017	AuraGen	Tallinn, Estonia	Construction of a 21.4 MWe CHP with a thermal capacity of 87 MW (3 x 29 MW steam boilers).
2016	Gislaved Energiring	Gislaved, Sweden	Optimization of the heat boiler plant by installing a 1.2 MW flue gas condenser.
2016	Zespół Zarządców Nieruchomości	Warsaw, Poland	Assembly of two multicyclones and their auxiliary equipment, installation of flue gas ducts and treatment system in 11.6 MW and 5.8 MW coal boilers.
2016	Audrius Juška	Anyškščiai, Lithuania	Construction of a 6 MW solid fuel boiler plant including installation of 4MW and 2MW water heating boilers.
2016	Šilalės Mediena	Šilalė, Lithuania	Installation of sawdust dryer drum, conveyor with scraper and other auxiliary equipment.
2016	Danpower Baltic	Kaunas, Lithuania	Construction of a 5 MWe CHP with thermal capacity of 21 MW, featuring a 6.3 MW flue gas condenser.
2015	Alvora	Elektrėnai, Lithuania	Addition of fuel warehouse featuring a bridge crane with grippers for 2 x 10 MW bubbling fluidised bed (BFB) water heating boilers (total capacity – 40 MW), electrostatic precipitators with ESP system and flue gas condenser.
2015	Utenos Šilumos Tinklai	Utena, Lithuania	Assembly of a 14 t/h steam boiler with flue gas condenser.
2015	Ekopartneris	Kaunas, Lithuania	Construction of an 17.5 MW biomass boiler plant by installing 2 x 7 MW water heating boilers with a 3.5 MW flue gas condenser.
2015	Litesko Druskininkų Šiluma branch	Druskininkai, Lithuania	Construction of an 12.5 MW biomass boiler plant by installing a 10 MW water heating boiler with a 2.5 MW flue gas condenser.



Vilnius | Lithuania | 2019

# EFFICIENCY SYSTEMS



YEAR	CLIENT	LOCATION	PROJECT
Ongoing	Kauno energija	Jurbarkas, Lithuania	Increasing the efficiency of an existing biomass boiler plant to $\geq 0,7$ MW by installing a second stage flue gas condenser with an absorption heat pump. *
2024	Kauno energija	Kaunas, Lithuania	Increasing the efficiency of the existing biomass boiler plant by using the thermal energy of the existing biomass water heating boilers and ensuring electricity production $\geq 330$ KW by installing an organic rankine cycle (ORC) turbine. *
2022	Kauno energija	Kaunas, Lithuania	Increasing the efficiency of an existing biomass boiler plant to $\geq 2.4$ MW by installing a second stage flue gas condenser with an absorption heat pump. *
2022	Klaipėdos energija	Klaipėda, Lithuania	Increasing the efficiency of an existing biomass boiler plant to $\geq 1.2$ MW by installing a second stage flue gas condenser with an absorption heat pump. *



Klaipėda | Litwa | 2022

# ENVIRONMENTAL NO<sub>x</sub> (nitrogen oxides) REDUCTION PROJECTS



YEAR	CLIENT	LOCATION	PROJECT
2024	IKEA	Zbaszynek, Poland	Upgrade of 6 MW thermal oil boiler systems reducing NO <sub>x</sub> emissions from 400 mg/m <sup>3</sup> to 200 mg/m <sup>3</sup> .
2023	Klaipėdos energija	Klaipėda, Lithuania	Renewal of KVGM-100 (90 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 240 mg/Nm <sup>3</sup> to < 100 mg/Nm <sup>3</sup> .
2023	Šiaulių energija	Šiauliai, Lithuania	Renewal of PTVM-50 (115 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 270 mg/Nm <sup>3</sup> to < 100 mg/Nm <sup>3</sup> .
2022	Šiaulių energija	Šiauliai, Lithuania	Renewal of PTVM-100 (116 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 270 mg/Nm <sup>3</sup> to < 100 mg/Nm <sup>3</sup> .
2020	Vilniaus šilumos tinklai	Vilnius, Lithuania	Modernisation of BKZ-75-39 FB (59 MW, 75t/h) steam boiler systems by reduction of NO <sub>x</sub> emissions from 280 mg/Nm <sup>3</sup> to 100 mg/Nm <sup>3</sup> .
2018	Vilniaus šilumos tinklai	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 270 mg/Nm <sup>3</sup> to 80 mg/Nm <sup>3</sup> .
2018	ORLEN Lietuva	Mažeikiai, Lithuania	Upgrade of TGME-464 (450 MW 500 t/h) steam boiler by reduction of NO <sub>x</sub> emissions from gas combustion to 200 mg/Nm <sup>3</sup> and from fuel oil combustion – to 450 mg/Nm <sup>3</sup> .
2016	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 160 mg/Nm <sup>3</sup> to 100 mg/Nm <sup>3</sup> .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of TVGM-30 (35 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 280 mg/Nm <sup>3</sup> to 100 mg/Nm <sup>3</sup> .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 200 mg/Nm <sup>3</sup> to 75 mg/Nm <sup>3</sup> .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO <sub>x</sub> emissions from 270 mg/Nm <sup>3</sup> to 100 mg/Nm <sup>3</sup> .

## CONTACT US



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