



ENGIE GROUP IN SLOVAKIA



ENGIE – Leading the Energy Transition

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Services and References

01

ENGIE



“

ENGIE’s purpose (“raison d’être”) is to act to accelerate the transition towards a carbon-neutral economy, through reduced energy consumption and more environmentally-friendly solutions. The purpose brings together the company, its employees, its clients and its shareholders, and reconciles economic performance with a positive impact on people and the planet. ENGIE’s actions are assessed in their entirety and over time.

”

ENGIE – International Player Overview

4 core activities



Renewables

- Wind Energy
- Solar energy
- Geothermal energy
- Biogas/Biomethane
- Biomass
- Green hydrogen
- Hydropower



Energy Solutions

- District heating and cooling networks
- Sustainable Mobility
- On-site solar and energy storage
- On-site utilities
- Data Centers



Infrastructures

- Distribution
- Power to gas
- Storage
- Transportation



Flexible Generation

- Thermal power stations
- Gas

93,9 billion €

revenue (2022)

96 400

employees worldwide

34 GW

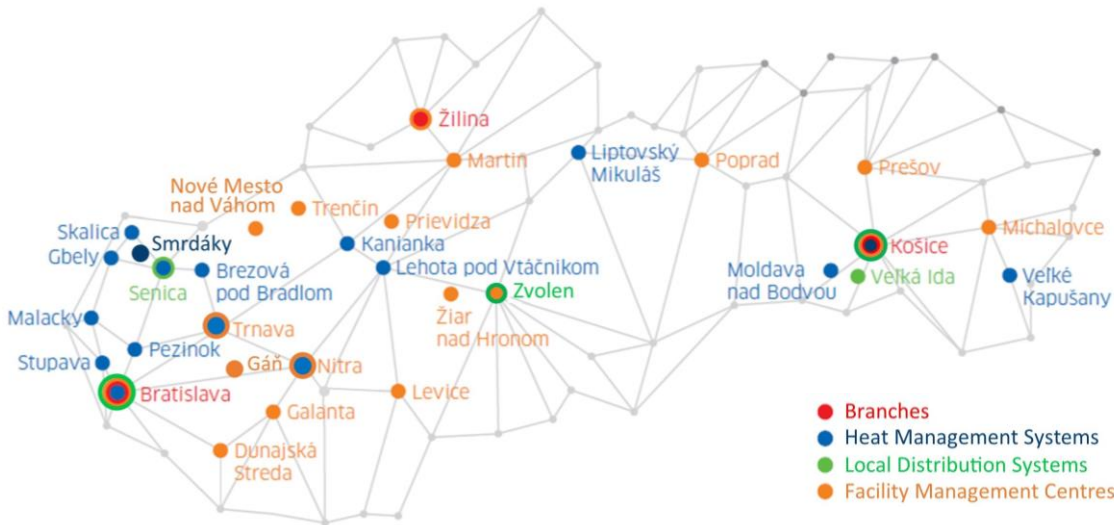
installed renewable capacity

100,3 GW

installed electricity
production capacity

ENGIE Group in Slovakia Overview

Nationwide coverage



211 mil. €

turnover (non-consolidated 2023)

711

employees

7

subsidiaries district heating

18

heat management systems

28 %

heat production from renewable



3 mil. m²

maintained area

Comprehensive portfolio of services



Heating
and Cooling



Electricity and
Natural Gas



Facility
Management



Technology
Installation



Energy
Services

02

ENERGY

Heating and Cooling Overview

What do we offer?

ENGIE invests tens of millions euros in the modernization of heat management systems every year.

Production and distribution of heat and cold

Proposals for solutions using renewables

Construction and modernization of technologies

Combined production of heat and cold

Energy consultancy

Central Dispatch Services 24/7

18 Heat management systems

* Bratislava (Raca * Vrakuna * Nove Mesto) * Malacky * Stupava * Senica * Gbely * Pezinok *
* Brezova pod Bradlom * Lehota pod Vtackom * Skalica * Liptovsky Mikulas *
* Moldava nad Bodvou * Velke Kapusany * Kanianka * Trnava Modranka * Nitra * Smrdaky *

251

heat sources



151 km

length of pipes

405 000 MWh

heat supply

399 MW

total installed power

43 MW

8 biomass sources

28 %



heat production from renewable

Heating and Cooling References

District Heating Management System in Pezinok

Installed power: 18,15 MW

- natural gas: 15,15 MW
- biomass: 3 MW

Length of pipes: 10 km

Heating substations: 62

Investment into modernization: 5,3 mil. €



District Heating Management System in Malacky

Installed power: 23,27 MW

- natural gas: 18,27 MW
- biomass: 5 MW
- cogeneration of heat (0,828 MWt) and electricity (0,699 Mwe)

Length of pipes: 10 km

Heating substations: 13

Investment into modernization: 7,2 mil. €

Electricity and Natural Gas Overview

What do we offer?

Construction of local distribution systems (LDS)

Operation, maintenance and services

Legislative reporting

Energy consultancy and monitoring

Emergency services 24/7

ENGIE offers financial coverage for your projects.



23 local distribution systems projects

1950 no. of electricity supply points

68 GWh distributed electricity

Electricity and Natural Gas References

Transformation station 110/22 kV, Velka Ida

Operating parameters

- voltage transformation: 110 kV / 22 kV
- power: 12 MW
- remote ENGIE dispatching and SCADA control system

Total investment: 2,765 mil. €

Start of operation TS HV/MV: 2018



Transformation station 110/0,4 kV, Senica

Operating parameters

- voltage transformation: 10 kV / 22 kV / 0,4 kV
- power: 25 MW

Total investment: 2,5 mil. €

Start of operation TS HV/MV/LV: 2018

Power and natural gas supply for industrial, residential and retail part of industrial park (30 ha).

Electricity Photovoltaics

What do we offer?

Usage of high-quality materials and technological equipment from renowned global manufacturers

Design and proposal of the solution

Energy and legislative consultancy

Construction of a photovoltaic power plant

Operation, maintenance and service

Energy monitoring 24/7

4,2 GW

Total installed capacity of ENGIE photovoltaics power plants in the world



2,5 MW

total installed power in Slovakia

PPA

project financing

Green energy

advantageous purchase

Photovoltaic Power Plants References

HSF Fenstertechnik, Malacky Photovoltaic power plant / 2 MW

Power: 2 MW

FV panels: 3 688

Roof area: 17 000 m²

Panels gradient: 10 degrees

Orientation: east / west

Value of project : 2 mil. €

Realization: October 2022 – January 2023



Industrial park Senica Photovoltaic power plant / 450 kW

Land:

- power: 353,16 kW
- FV panels: 645
- Panels gradient: 30 degrees

Roof:

- power: 97,2 kW
- FV panels: 180
- Panels gradient: 10 degrees

Realization:

- October 2022 – January 2023

Energy Services Overview

What do we offer?

Energy management

Energy audits and consultancy

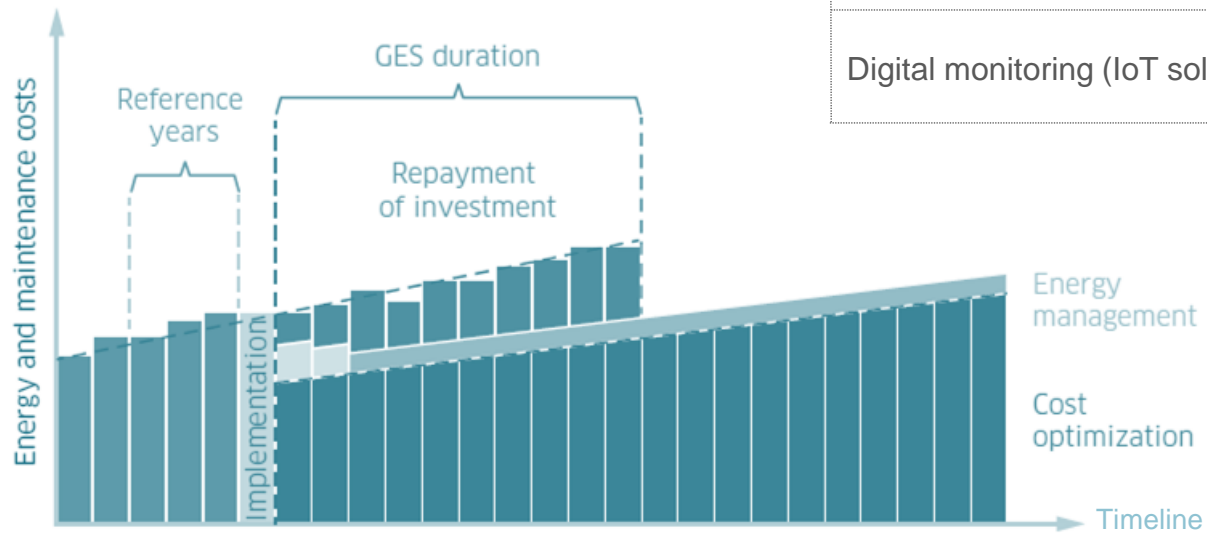
Design and engineering services

GES – Guaranteed Energy Services

Low carbon strategies

Digital monitoring (IoT solutions)

How does GES model works?



> 50
energy audits



ENGIE Services membership

GUARANTEE
of achieved savings

IoT solutions
own measurements
and data collection

Energy Services References



Self – Governing Region Kosice Low carbon strategy

Start of project: May 2020

Scope of services:

- the project subject is elaboration and implementation of low-carbon strategies for all types of areas, especially urban areas with 400 public buildings, tertiary buildings, but also for transport, supplies, and energy consumption,
- the strategy is summarizing all existing documentation related to reducing emissions and increasing energy efficiency in Kosice region.
- the audit of individual buildings reveals the potential for energy savings and operational costs decrease,
- ENGIE proposed the methods of energy consumption monitoring and described all obstacles that stand in the way of reducing emissions and taking actions.

Energy audits and studies



03

FACILITY MANAGEMENT

Facility Management Overview

What do we offer?

No. 1 in Technical Facility Management in Slovakia*

*SAFM 2022

Operation and service of technical equipment of buildings

Inspection, maintenance and service of technical equipment of buildings

Energy management

Online helpdesk, Central dispatching 24/7

Comprehensive Asset management

Consultancy

CAFM – digital FM solutions

3 mil. m²
maintained area

2 500
maintained objects

25
years on FM market

Our clients



Facility Management References – Banks (network projects)



Headquarters and 155 branches **Vseobecna uverova banka, a.s.**

Start of Comprehensive FM: 10 / 2020 (Cooperation with VUB since 2010)

Maintained area: 133 000 m²

Comprehensive Facility Management:

- technical and commercial Facility Management,
- repairs of building, technical equipment and inventory (total guarantee),
- infrastructural and energy management,
- measurement of operational parameters of systems.

Headquarters and 140 branches **Tatra banka, a.s.**

Start of management: 8 / 2022

Facility Management:

- maintenance, service, inspections and test of technical equipment,
- regular inspection of objects, repairs and maintenance, rodent control and greenery.



Facility Management References – Banks



Bratislava **CSOB Centrala, s.r.o.**

Start of management: 6 / 2016

Maintained area: 36 100 m²

Technical Facility Management (headquarters):

- operational maintenance, service, repairs, inspections and test of technical equipment,
- CAFM software, Helpdesk, Call Center,
- environmental services.

Bratislava **Slovenska sporitelna, a.s.**

Start of management: 1 / 2016

Maintained area: 51 000 m²

Comprehensive technical Facility Management (headquarters):

- maintenance and operation, preventive maintenance, controls, inspections and test of equipment and systems,
- emergency services, central dispatching, passportization, reception services.



Facility Management References – Administrative Buildings



CBC 3 | 4 | 5, Bratislava CBC Development, a.s.

Start of management: 7 / 2020

Maintained area: 26 000 m²

Facility Management:

- maintenance and service of equipment, specialized service,
- inspections and tests,
- emergency service, winter maintenance, rodent control, disinfection.

Multifunctional Complex Central, Bratislava TAM Properties VI., a.s. / Central Shopping Center a.s.

Start of management: 6 / 2018

Maintained area: 61 000 m²

Technical Facility Management:

- technical administration, maintenance and operation, repairs, inspections and tests,
- emergency service, central dispatching 24/7, measurement and regulation.



Facility Management References – Shopping Centres



Shopping and entertainment centre **AUPARK a.s., Bratislava**

Start of management: 7 / 2014

Maintained area: 54 000 m²

Comprehensive FM of centre:

- operation, maintenance and service of technical equipment,
- dispatching,
- energy management.



Retail parks **Stop Shop** **IMMOFINANZ Services** **Slovak Republic, s.r.o.**

Start of management: 1 / 2018

15 retail parks

Maintained area: 99 207 m²

(including outdoor area: 309 314 m²)

Comprehensive FM:

- operation, maintenance and service of technical equipment,
- specialized inspections and tests.



Retail parks **Lipa park** **TAM Properties, a.s.**

Start of management: 1 / 2021

11 retail parks and Shopping Centre

Maintained area: 110 495 m²

Comprehensive FM:

- preventive maintenance and repairs of technical equipment,
- supervision and coordination of services performance, inspections and tests of technical equipment.

Facility Management References – Industrial Parks



Logistics hall Martin - Sucany **BESICO MARTIN, s.r.o.**

Start of management: 3 / 2020

Maintained area: 43 800 m²

Comprehensive FM:

- operation, maintenance, service and operation of technical equipment, inspections and tests,
- emergency service, cleaning.

Logistics centre in Gan: 3 halls and logistics park **CNIC Slovakia Logistics Ltd.**

Start of management: 4 / 2018

Maintained area: 1147 247 m² / Park area: 71 298 m²

Comprehensive FM:

- operation, maintenance, service and operation of technical equipment, inspections and tests,
- emergency service, cleaning, winter maintenance and greenery.



04

TECHNOLOGY INSTALLATIONS AND TECHNICAL SERVICE

Technology Installations Overview

What do we offer?

Our own expert teams:
engineers, designers, energy engineers, technical specialists

High-current and low-current installations

Instrumentation & Control (I&C)

Installations of technical equipment of buildings (cooling, HVAC, heating)

Integrated superior control systems

Installation of charging stations

Modernization of public lighting

10 cities

Modernization of public lighting

8 500

installed LED lights

5 400

installed charging stations in Europe

Our clients



Technology Installation References



Automotive plant **MAGNA PT s.r.o., Kechnec**

Duration: 12 / 2015 - 6 / 2017

Installed equipment:

- compressor and cooling tower (power: 4095 kW),
- 2 HVAC units on the roof of the building,
- electrical installation, Instrumentation & Control (I&C)



Shopping Centre Dargov, Košice **ARTIN, spol. s r.o., Bardejov**

Duration: 5 – 8 / 2021

Installed equipment:

- HVAC equipment, cooling, smoke and heat extraction system



Automotive plant **Punch Precision Detva, s.r.o.**

Duration: 12 / 2018 – 5 / 2020

Scope of services:

- electrical installations, lighting in production halls and administrative building,
- transformation stations (power: 2 x 1,6 MVA, power: 2 x 3,4 MVA) – MV/LV part,
- low current installations, voice alarm, fire alarm,
- Instrumentation & Control (I&C).

Technical service Overview

What do we offer?

Comprehensive equipment care:

- Consultancy
- Solution proposals
- Installation implementation offer

Operative and regular service and repairs

Repairs and maintenance

Inspections and tests

Emergency service 24/7

Operation of LV and HV equipment

Technical service

I&C

Instrumentation
& Control

HVAC

equipment



Cooling
equipment



High-current
and low-current
equipment



Boiler technology
service

3 service centres

Bratislava, Zilina, Kosice

25

service technicians

> 10 000

serviced equipment

Technical Service References



Grocery stores BILLA **BILLA s.r.o.**

Duration: 10 / 2019 – 10 / 2020

Scope of services:

- service control of 215 boilers in 15 stores BILLA in Slovakia.

Automotive plant **Plastic Omnium Auto Exterior, s.r.o.**

Duration: 7 / 2015 – 7 / 2025

Scope of services:

- service inspection of technical equipment,
- regular service and maintenance,
- repairs of technical equipment.



TV Markiza **MARKIZA - SLOVAKIA, spol. s r.o.**

Duration: 12 / 2021 – 2 / 2022

Scope of services:

- service and repairs of ventilation and air conditioning equipment,
- service and repairs of boiler and heating equipment,
- preparation of project documentation and replacement of existing cooling technology.



ENGIE Slovensko

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