



Development And Energy Group

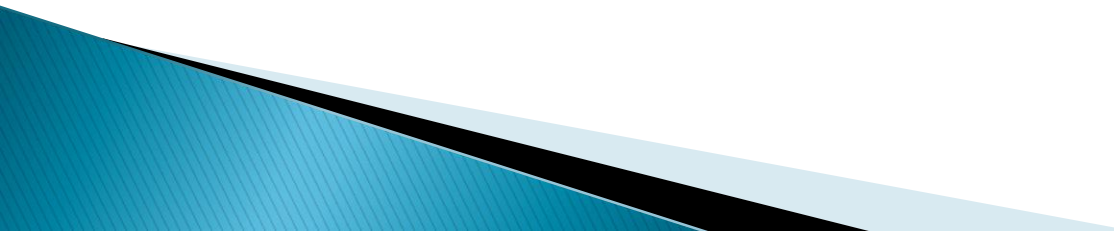
Existing services and business
ideas

Our view on energy efficiency...



About us...

- ▶ We are an independent engineering consulting company. Our main fields of knowledge are energy, construction environment, and economics. We offer a wide range of services for private, commercial, industrial customers, as well as for municipalities and governmental institutions.
 - ▶ Thanks to our experience of implementing European projects we have developed active cooperation networks in Latvia and always keep track of the permanently update and upgrade our knowledge.
 - ▶ We are ready to share our knowledge that is why you often see us participating as lecturers in local and international workshop and conferences.

 - ▶ Environmental issues is our challenge
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Energetics and energy efficiency services

(mainly under Energy performance of building directive)

Service	Description
Residential building energy audit/ energy certification	An inspection, survey and analysis of <u>energy</u> flows for <u>energy conservation</u> in a building, process or system to reduce the amount of energy input into the system without negatively affecting the output.
Technical inspection of building / construction	Inspection of the whole construction of building for the determination of technical problems.
Energy audit/energy certification of project	Theoretical calculation for the determination of project's energy efficiency conditions
Building/industrial object thermographical inspection	Thermographic inspection is nondestructive inspection of parts, materials or systems through the imaging of the thermal patterns at the object's surface. The term thermography alone, refers to all thermographic inspection techniques regardless of the physical phenomena used to monitor the thermal changes

Service	Description
Energy efficiency monitoring after implementation of refurbishment works.	Energy Monitoring is an energy efficiency technique based on the standard control of construction quality and energy consumption monitoring after implementation of refurbishment
Industrial energy audit	An inspection, <u>energy</u> flows for <u>energy conservation</u> in a industrial object with target to reduce energy consumption, CO2 emission and improve the competitiveness of the company.
Boilers and AC Inspection and Audit, inspection of HVAC technical conditions	Inspection of HVAC system with target to optimize the level of internal comfort and reduce energy consumption
Preparation of the district heating system development plans in line with emerging national administrative	Preparation of plans, evaluation of the new district boundaries, district heating effects on the development of scenarios.
Passive house designing , energy efficiency calculation.	Preparation of the passive house projects.

Founding services

Service	Description
European and other funding sources (IEE, Eco-Innovation, FP7, Marcopolo, INTERREG, LIFE +, the Norwegian instrument) attraction	Preparation of the applications in accordance with the financial requirements of the program . Financial resources are 'hard' and 'soft' investment attraction
European Union ERDF and Cohesion Fund (abb. – KF) to prepare project applications	Preparation of the application requirements. Funding for "hard" investments
Preparation of Investment business plan for submission to the European Investment Bank	Business Plan Preparation of the EIB under the requirements of the customer's needs

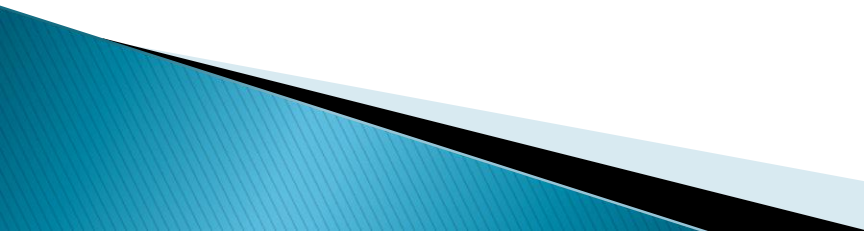
Environment and Energy in the context of climate change

Service	Description
Preparation of the Theoretical scientific research in the development of environmental law and energy to focus on climate change mitigation	Environmental protection regulatory framework analysis, scenarios, policy planning and / or legislative drafting
Preparation of applications for the environmental and technical regulations	In accordance with legislative basis
Expert advice	Heat supply strategies, concepts, and application of business plans to the existing situation; purchasing documentation related technical issues disconnection of an apartment or a building from the district heating system; calculation of heat energy and electricity tariffs and calculation of losses ; defining of energy consumption for building and building projects.

Other services...

Service	Description
Business plans	For production companies and municipalities that apply for European Commission financing; for participants of the emission reduction measure implementation; for heat supply companies that wish to receive a loan for energy efficiency measure implementation; for companies that apply for a loan to start up a new business, e.g. an energy station construction.
Energy efficiency information campaign management and coordination	Preparation of the program of information campaign and its implementation.
Consulting/Feasibility studies	We provide consultations on energy, industry, and environmental issues. Consultation of energy consumers, industrial managers, designers, architects, other interested persons

Business ideas (Energy-efficiency)

- ▶ Broadening the impact of the company with access to European markets. (European legislation on energy efficiency have the same basis).
 - ▶ Assistance in finding energy-efficient real estate in Latvia and other countries to further service and guarantee low energy consumption. (video / thermo graphical reports).
 - ▶ Experience exchange project around Europe and Easter neighbors
 - ▶ Development of the extremely effective (passive) building projects in Latvia and other Countries.
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Other ideas...

- ▶ Creating a restaurant or a chain of restaurants specialized in creating of business contacts . Basic requirements, parking, internet, office-quality service, complete confidentiality and data protection, convenient location.
At this point in Latvia is catching work without office, mobile, web-teams
- ▶ The use of thermography in entertainment
- ▶ Development of the energy efficiency park in Latvia.

Detailed ideas during the meeting

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(in some months will be new webpage with english version)

