Petrol’s energy and environmental efficiency projects

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Alternative Business Model

PETROL’S ENERGY AND ENVIRONMENTAL EFFICIENCY PROJECTS

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Marko Kryžanowski, Management Board Chairman, Petrol d.d., Ljubljana
Petrol’s Mission as a Provider of:

- Comprehensive solutions to reconcile economy and ecology in order to assure sustainable development
- Public and private sector projects designed to protect the environment and to preserve natural resources
- Energy efficiency through the use of alternative fuels
- Water cycle management
- Waste recovery and recycling
Business Areas

COMPREHENSIVE ENERGY AND ENVIRONMENTAL MANAGEMENT

- OIL PRODUCTS and SUPPLEMENTARY MERCHANDISE
  - sale

- GAS
  - supply
distribution

- ELECTRICITY
  - production
distribution

- ENERGY SERVICES
  - THERMAL ENERGY
    - production
    - supply
distribution

- ENVIRONMENTAL ACTIVITY
  - water
  - air
  - waste

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Methods of Introducing the Proposed Projects

- PPP
- TPF
- Partnership with local and regional companies
- Acquisitions
- Mergers
Business Model 1
Public - Private Partnership

• Co-operation between the public and private sectors in the area of construction and services
• Concession models: BOT, BTO, DBOT
  Infrastructure construction and lease
• Public utility service management
• Management cost efficiency
• Agreement on the transfer of staff
Business Model 2
Financing

• Financial resources for the re-construction and investment in the energy/environmental system provided by PETROL
• Increase in cost efficiency
• Petrol accepts energy supply and management risks
• Petrol provides environmentally friendly and quality supply
• Long-term co-operation to meet industrial partners’ requirements
Technology Park Ljubljana – Trigeneration

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Hospital Brežice

BEFORE reconstruction

AFTER reconstruction

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CHT - combined heat and power Cogeneration Unior

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CHT - combined heat and power Cogeneration Martex
Energy Activity

- Gas
- Electricity
- Comprehensive Energy Supply
Gas

- Expansion of LPG sales
- Concessions in natural gas distribution
Electricity

- Production and sale of electricity
- Investment in hydro, thermal, geothermal projects
- Investment in the electricity distribution infrastructure
- Multy-utility projects
Comprehensive Energy Supply

- Supply with all types of energy products
- Today, Petrol is the sole provider of comprehensive energy services in Slovenia
- Petrol offers comprehensive energy supply to hospitals (Brežice, Begunje).
- Management of the Technology park in Ljubljana (electricity, heating, cooling)
Environmental Activities

• Water Cycle
• Drinking water supply
• Waste water discharge
• Waste water purification
• Waste treatment
• Waste sorting and processing
• Waste disposal
Thank you very much for your attention.
Podnebne spremembe: priložnost za razvoj
Climate change: an opportunity for growth