SECAP Ústí nad Labem

30.9.2026

1. Introduction

SECAP Ústí nad Labem

= Sustainable Energy and Climate Action Plan of Ústí nad Labem

- The main priorities:
  - Sustainable energy
  - Reduction of CO_2 emissions
- SECAP sets targets for 2030 and a long-term vision to 2050

- 55 % reduction in CO_2 emissions by 2030 compared to 2018
- Carbon neutrality target by 2050
- Focus on energy efficiency and renewable energy
- Climate change adaptation

2. Monitoring Report

Monitoring Report

2 Milestones

- 1. Monitoring Report 2025/2026 – 2024
- BEI 2018 = Baseline Emissions Inventory
  - 2018 - all available data
- 2. Final Monitoring Assessment in 2031

BEI 2018 vs MEI 2024

1. Decline in Energy Consumption and in CO_2 Emissions

	2018	2024	
	Value	Value	Decrease of
Energy consumption (MWh/year)	2 372 194	2 188 635	7.7 %
CO_2 equivalent emissions (t CO_2/year)	1 111 717	1 017 484	8.5 %

BEI 2018 vs MEI 2024

2. Development of Renewable Energy Sources

	2018	2024
	Value	Value
The number of renewable energy installations	104	848
The total installed renewable energy capacity (MW)	21.5	31.5
Electricity generation from photovoltaic systems (MWh)	1 016	5 791

BEI 2018 vs MEI 2024

3. Municipal Buildings, Public Lighting, Transport, Climate Adaption

- Municipal buildings
  - Energy consumption decreased by 12.1 %
  - CO_2 emissions were reduced by 11.4 %
- Public lighting
  - LED technology
  - Energy consumption decreased by 9.8 %, while CO_2 emissions were reduced by 10.5 %

BEI 2018 vs MEI 2024

3. Municipal Buildings, Public Lighting, Transport, Climate Adaption

- Transport
  - Including the introduction of the first electric vehicles (EVs)
  - CNG-powered vehicles
- Climate
  - Measures to support urban greenery, improve tree care, enhance rainwater management, and develop blue-green infrastructure

Key Challenges

- The pace of emissions reduction will need to **accelerate**
- Industry remains **the largest** source of emissions
- **Further progress** - investment in energy efficiency measures, renewable energy sources, sustainable transport, and climate adaptation actions

3. Current Projects

Current Projects





Reduction of Energy Consumption at ZŠ Mírová

- Thermal insulation of external walls, floors and roof structures, replacement of windows and doors
- Installation of thermostatic radiator valves, installation of PV
- **Total investment: CZK 150 million**
- **Benefits: reduction of energy consumption and CO_2 emissions**

Monitoring Report





Revitalization of the Hoření Area

- Major modernization with a strong focus on energy efficiency, sustainability, and new functional uses
- **The total estimated investment exceeds CZK 444 million**

Current Projects





Revitalization of Orlická 1 and 3 Buildings

- Goal: reduce the buildings' energy consumption, improve living comfort, and expand the supply of municipally owned apartments
- Environmentally sustainable housing
- **The total estimated investment: CZK 130 million**

Current Projects





Senior Home Krásné Březno

- Energy Savings

- **Goal**: Reduce energy consumption and improve residents' comfort
- Thermal insulation of the building, including the roof, and modernization of the existing glass envelope
- Electrically operated external blinds
- A photovoltaic power plant with battery storage

Current Projects



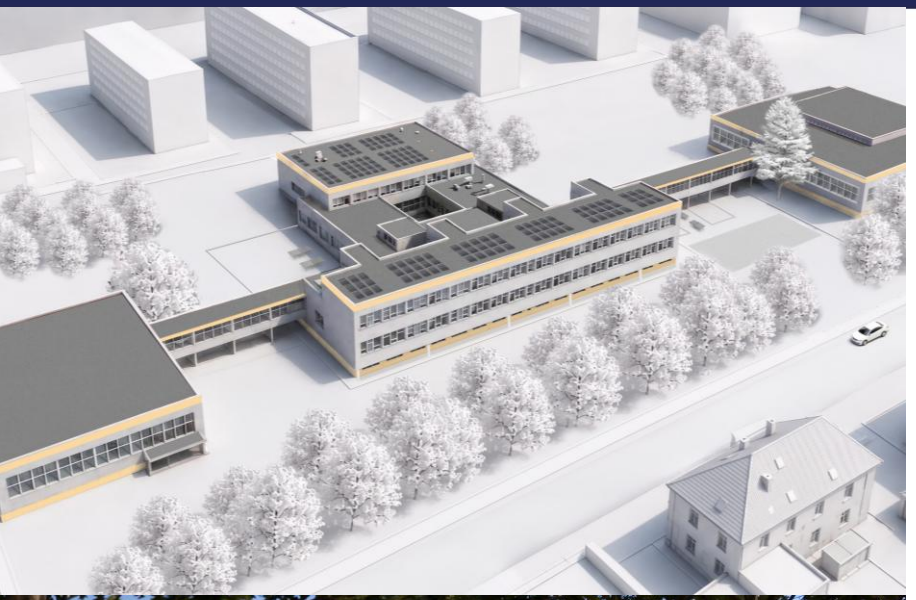


Kameňák Craft Workshops

DDM Ústí nad Labem

- Reconstruction of a long-term unused building
- Combining traditional crafts with modern technologies
  - Polytechnic education, IT, robotics, …
- Expansion of educational opportunities for both children and adults

Current Projects





Energy Savings at Vojnovičova Primary Schools

- Reduction of energy consumption
  - energy-efficient LED lighting, water-saving measures, and overall reduction of operating costs
- Increased energy self-sufficiency
  - the installation of a photovoltaic power plant with battery storage
  - leading to lower energy consumption and reduced CO_2 emissions

Thank you for your attention

