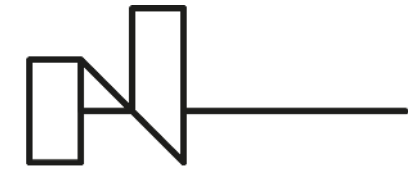
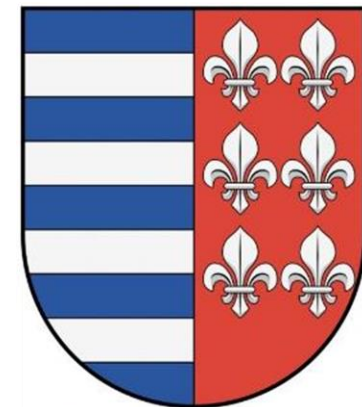


# PRESENTATION OF TOWN BREZNO PROJECTS WITH A FOCUS ON MITIGATION OF CLIMATE CHANGE



**Norway**  
grants



**BREZNO**

Ing. Ivan Kamenský – Head of Investment Department, Town Brezno

Project areas:

**Reducing generation of municipal waste**

**Transportation**

**Overheating of urbanized localities and water retention**

**Reducing energy consumption**

**Other projects**

# PROJECTS FOCUSED ON REDUCING GENERATION OF MUNICIPAL WASTE

Aim: to reduce the amount of municipal waste by separating biodegradable components

- Creating space for handing over and collecting grass and branches from gardens – since 2014 2 pcs of bulk containers for grass and branches



# PROJECTS FOCUSED ON REDUCING GENERATION OF MUNICIPAL WASTE

- Composting in family houses – municipality gave house owners opportunity to ask for free provision of composters

2018 – gave out 300 pcs

2019 – gave out 230 pcs

2020 – gave out 20 pcs

2022 – 227 pcs registered applications



# PROJECTS FOCUSED ON REDUCING GENERATION OF MUNICIPAL WASTE

- Collection of biodegradable municipal waste at apartment buildings since 01/21 - construction of closed municipal waste stands - 46 pcs

2021 – 96,44 tonne of waste

2022 – 49,26 tonne of waste to this day

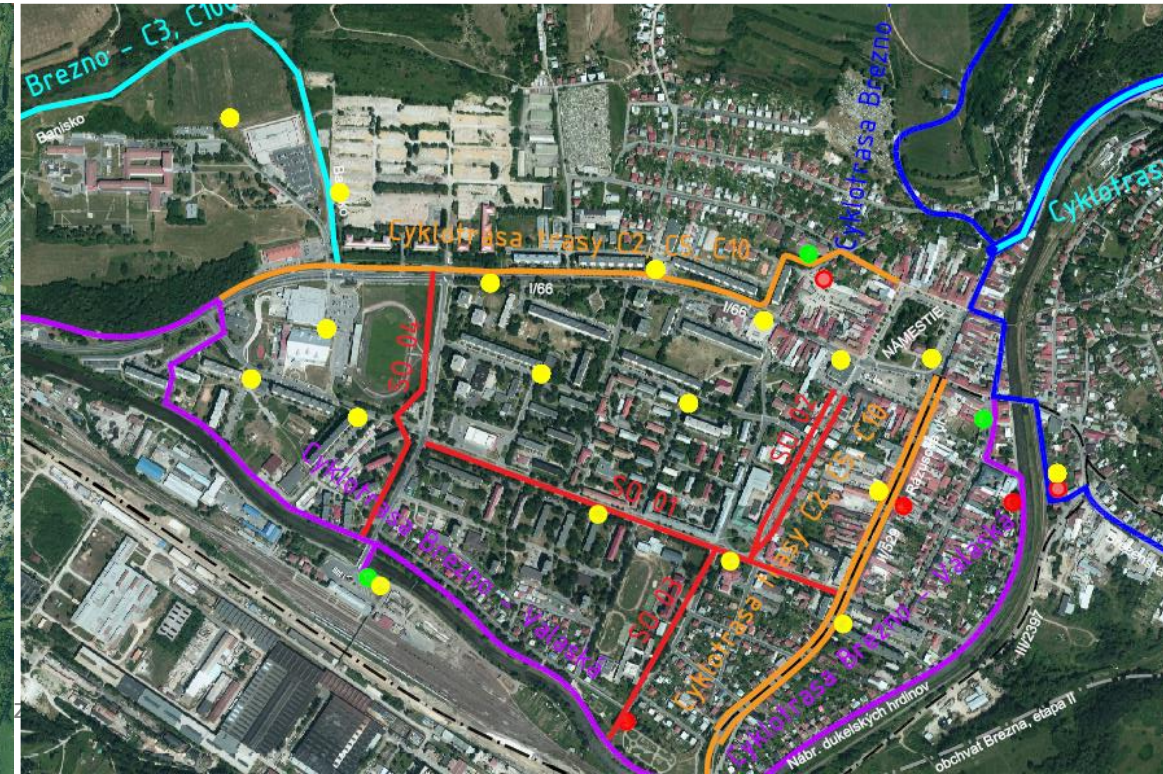
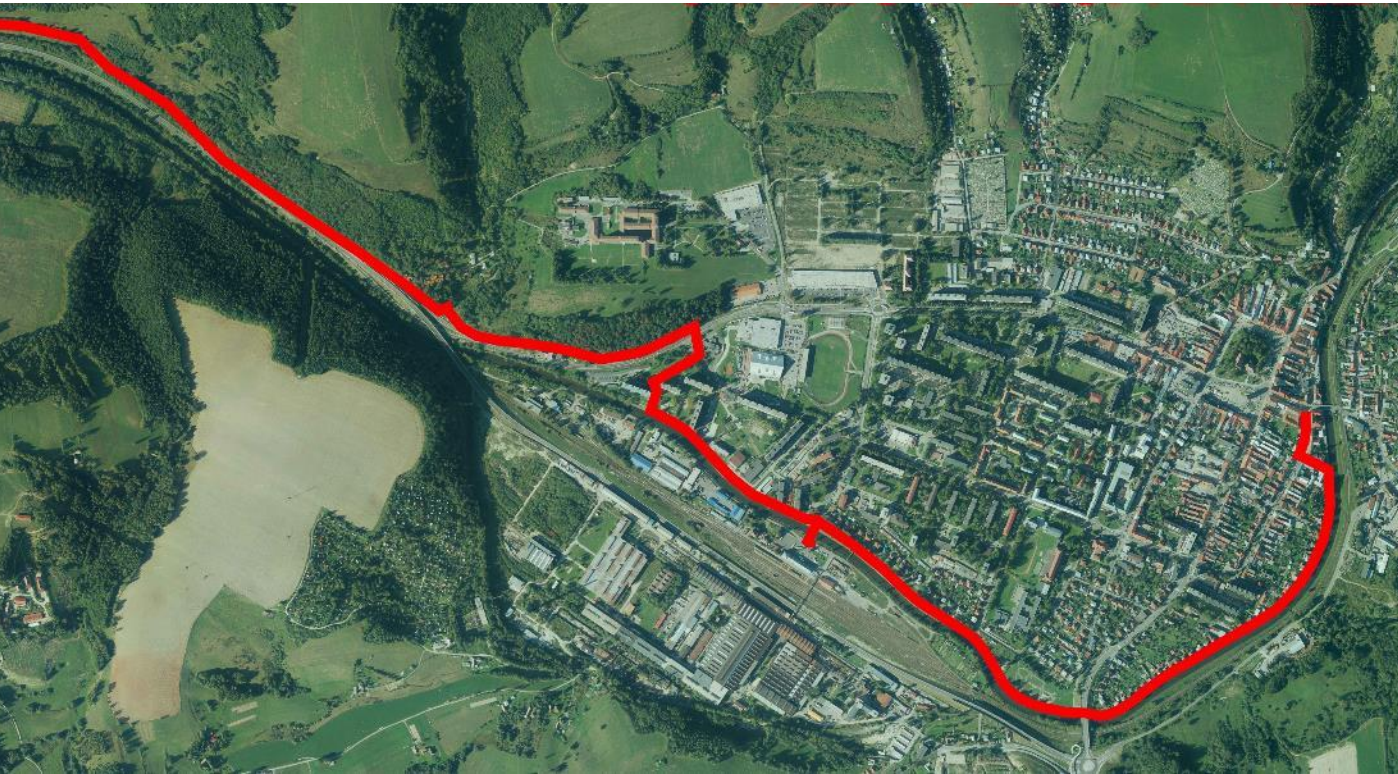


# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

### 1. BIKE-PATHS

- Bike-path Brezno – Valaská
- Bike-paths C2, C5, C10 – connection with trail from Čierny Balog



# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

### 1. BIKE-PATHS

- Planning: Bike-path Brezno – Mýto pod Ďumbierom
- Planning: Bike-path Brezno - Michalová



# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

### 2. BICYCLE TRANSPORT IN TOWN – connection of bike trails with bike-paths

- Bike-path street ČSA
- Bike-path street Švermova
- Bike-path street B. Němcovej



# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

### 2. BICYCLE TRANSPORT IN TOWN

- Planning (application submit 06/2022): Bike-path F. Kráľa a Bike-path Pionierska
- Planning: Bike-path Krčulova



# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

### 3. PARKING OPTIONS FOR CYCLIST

- We constructed **5** pcs shelters to lock bicycles for tourists and citizens of the town
- We submitted an application for constructing **3** more pcs of shelters



# PROJECTS FOCUSED ON TRANSPORT

## Support of non-motorized transport

4. PURCHASE OF BICYCLES FOR EMPLOYEES OF TOWN HALL BREZNO
- We will purchase 10 pcs of bicycles within this project to ensure the work activities of the employees of town Brezno



# PROJECTS FOCUSED ON TRANSPORT

## Reducing CO2 emissions from urban transport

### USING E-CAR IN CAR PARK OF TOWN BREZNO

- VW eGOLF – since 12/2018
- VW ID4 – since 09/2021 (within this project)



# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 1. SUPPORT OF PLANTING TREES IN CADASTRE OF TOWN BREZNO

- We plant more trees than law requires for replacement planting

2019 – 126 pcs

2020 – 21 pcs

2021 – 50 pcs

2022 – 7 pcs already planted a 13 pcs will be planted





**SUPPORT OF PLANTING  
TREES IN CADASTRE OF  
TOWN BREZNO**

# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 1. SUPPORT OF PLANTING TREES IN CADASTRE OF TOWN BREZNO

- Project „Tree in the house“ – owners of family houses could ask for free seedling of fruit trees, which they will plant in their garden – 515 pcs

# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 1. SUPPORT OF PLANTING TREES IN CADASTRE OF TOWN BREZNO

- Restoring of historical fruit park in locality Banisko and its enhancement since 2017

We added new seedlings:

2018 – 35 pcs

2019 – 11 pcs

2020 – 10 pcs

2021 – 10 pcs

2022 – 2 pcs



# BANISKO

Restoring of  
historical fruit  
park



# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 2. REGENERATION OF GREENERY IN INNER BLOCKS

- Replenishment of greenery, replacement of impermeable surfaces with permeable or semi-permeable, rain gardens
- Regeneration of residential greenery of the inner block F. Kráľa
- Regeneration of inner blocks of housing estates in town Brezno – Margitin park, streets ČSA & Malinovského, ŠLN, 9. Mája
- Intra-urban water retention measures of town Brezno – Rain gardens





Regeneration of inner blocks  
of housing estates in town  
Brezno  
**MARGITIN PARK**



# Regeneration of inner blocks of housing estates in town Brezno

## MARGITIN PARK



Regeneration  
of inner blocks  
of housing  
estates in town  
Brezno

Streets ČSA &  
Malinovského



# Street 9. mája



Regeneration  
of inner blocks  
of housing  
estates in town  
Brezno

ŠLN



# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 2. REGENERATION OF GREENERY IN INNER BLOCKS

- We obtained non-repayable financial contribution for regeneration of another 4 inner blocks in the amount 3,6 mil. €
- We plan 2 inner block (submitting application in 05/2022): Regeneration of inner block Rázusova & Regeneration of inner block Krčulova
- In preparation: regeneration of inner block Krčulova north & Krčulova south



# PROJECTS FOCUSED ON REDUCING THE OVERHEATING OF URBANIZED LOCALITIES AND WATER RETENTION

## 3. MOBILE GREENERY & FLOWER DECORATION

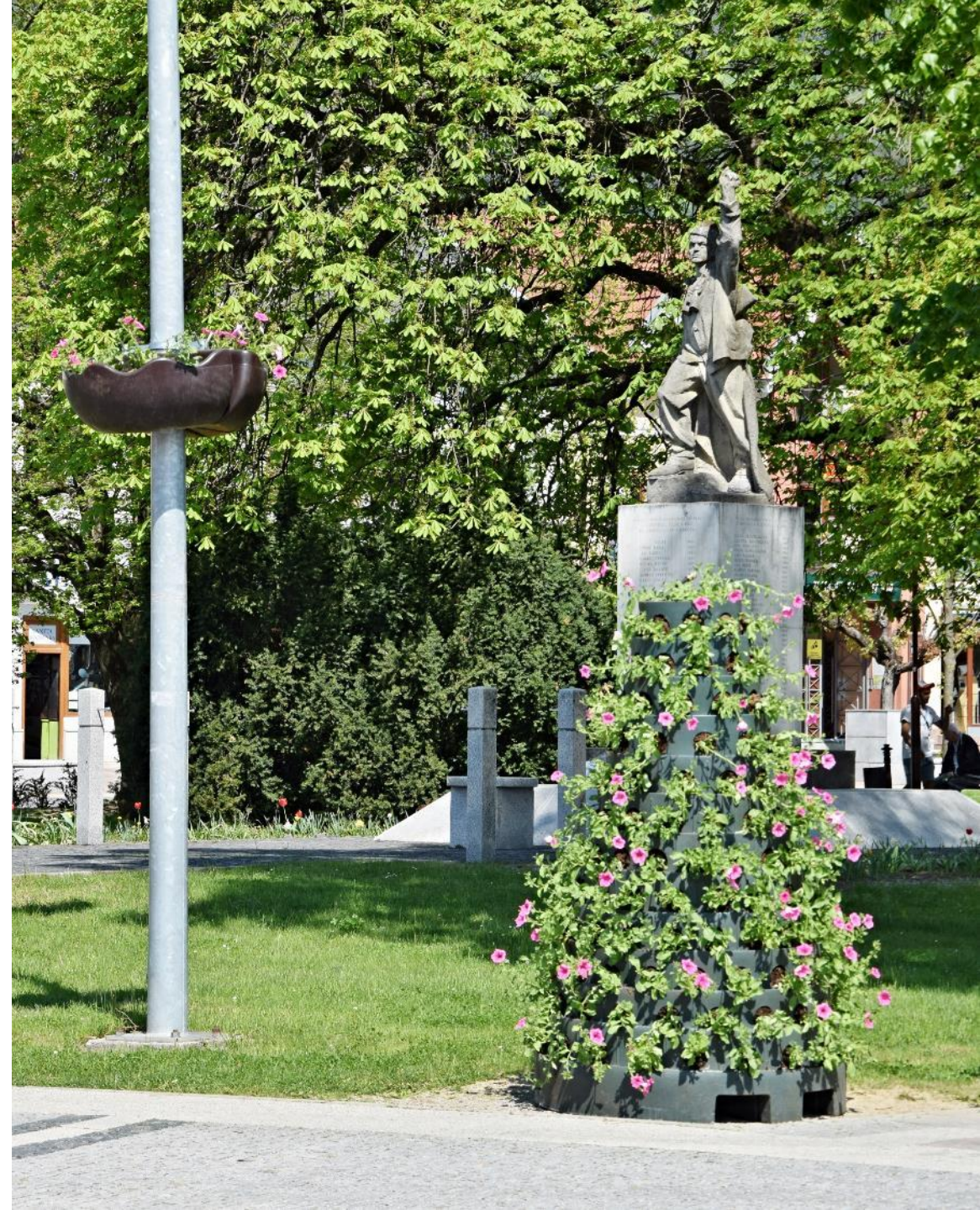
- In the town square of town Brezno are this year planted:

5 pcs big & 5 pcs small flower pyramids

25 pcs wooden pots

40 pcs pots on street lighting poles

6 pcs pots in front of tribune



# PROJECTS FOCUSED ON REDUCING ENERGY CONSUMPTION

## 1. PUBLIC LIGHTING

- Exchange of discharge lamps for LED lamps

2016 – 1056 pcs lamps

2021 - 65 pcs lamps

- This year we will exchange another 510 pcs lamps for LED lamps & finish intelligence in intensity control lighting

# PROJECTS FOCUSED ON REDUCING ENERGY CONSUMPTION

## 2. REDUCING ENERGY CONSUMPTION IN BUILDINGS

- Reconstruction of Kindergarten Clementisa
- Reconstruction of Kindergarten Nálepková
- This year will begin implementation – reducing energy consumption Kindergarten Hradby, Kindergarten Boženy Němcovej & Kindergarten MPČL'



Kindergarten Clementisa



Kindergarten Nálepková



# MORE PROJECTS FOCUSED ON MITIGATING THE EFFECTS OF CLIMATE CHANGE

## PREPARING

- Sharing bicycles – support of non - motorized transport
- Creating water areas with relaxing & water retention function in localities Banisko & Rohozná
- Green roofs on municipal waste disposal sites
- Slow electronic chargers in every housing estates

**THANK YOU FOR YOUR  
ATTENTION**