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CLIMCOOP

COOPERATION OF CITIES AND LOCAL COMPANIES
FOR CLIMATE CHANGE ADAPTATION



Agenda

01 Concept of project

Basic Idea
Local situation

02 Project Partners

Introduction of project partners

03 Project preparation

From basic idea to final project.

04 Summary

Introduction of the main element of the project

Project title:

Cooperation of cities and local companies for climate change (CC) adaptation

Expected start date:

01/09/2020

Expected end date:

31/08/2024



KAZINCBARCIKA

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Cooperation of cities and local companies for climate change (CC) adaptation

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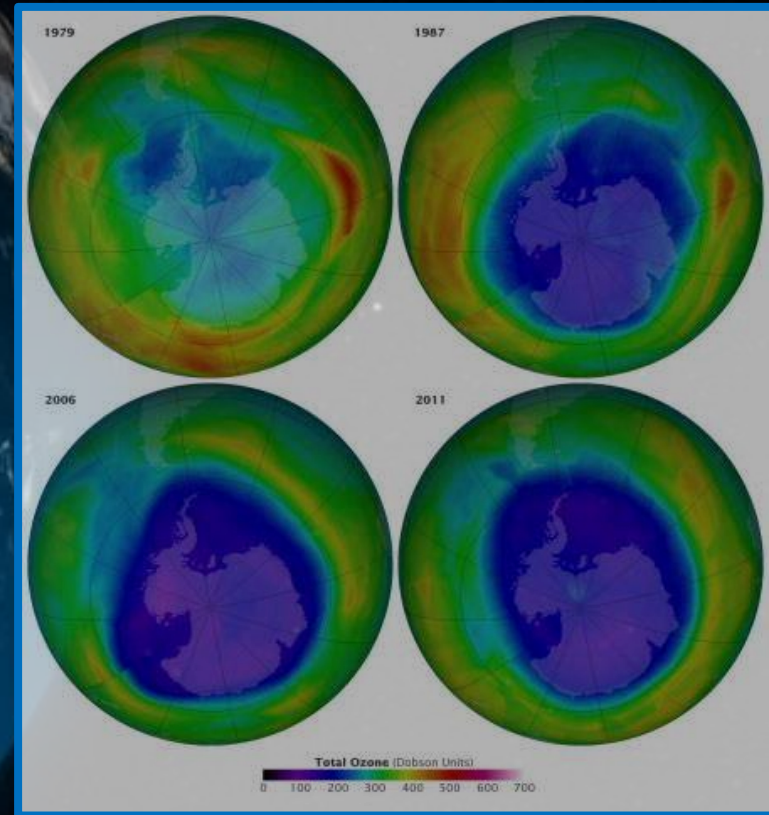
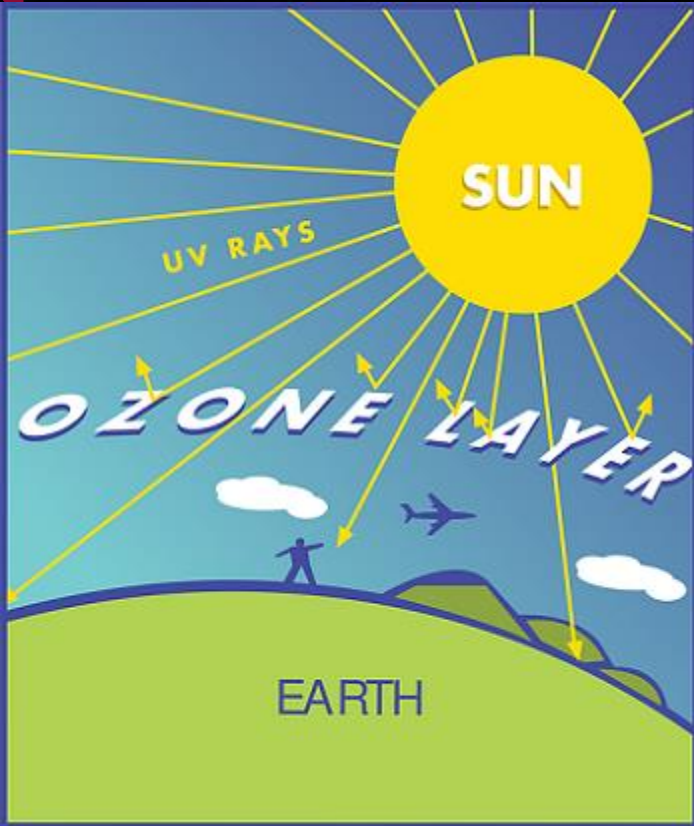
31/08/2024



BorsodChem
Chemistry for generations

Global – local

Ozon depletion: 1950 - 2050



WEATHER

EXTREMES

CHANGES

CLIMATE

101

OZONE DEPLETION

CLIMATE CHANGE

...loading...



...please wait...





WATER

and Temperature



AIM:

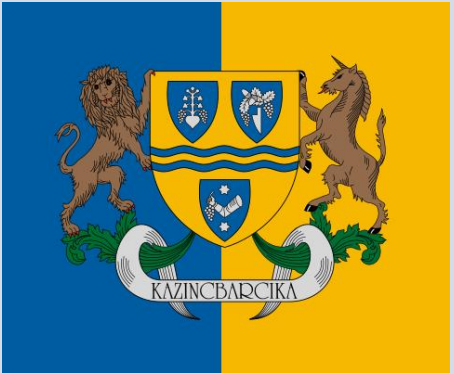
**In addition to the increasing production of BorsodChem,
the reduction of the specific water consumption**

OVERALL GOAL



- In Hungary large areas were converted into industrial zones.
Urban CC adaptation is only possible together with businesses&industrial zones.
- There is lack of cooperation between cities and industrial businesses on CCA.
- **The overall goal is**
 - ❑ to develop, test and demonstrate collective actions between a city government and a multinational company to reduce local climate risks
 - ❑ enhance joint CC adaptation for vulnerable urban and industrial areas in the selected region, in Hungary and in Central-East Europe.

Partners



sustainable economies
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GEOGOLD
KÁRPÁTIA



NAKKFO





Country	Hungarian	
City	Kazincbarcika	
Address	H-3700 Kazincbarcika, Bolyai tér 1.	
Web site	www.borsodchem.hu	
Net turnover	1 757,61	million EUR
Investements	131,9	million EUR
Community donations, grants	0,14	million EUR
Staff/ Number of managers	2 809 / 53	

Main products: MDI, TDI, PVC

Local GDP: 35%

Local Export: 40 %



Municipality of Kazincbarcika (KB)

KB's goal is to create and multiply partnerships between urban and industrial parks. The aim is to improve the adaptation practices of the industrial park and the industrial players in order to make industrial urban settlements more attractive in the long term.

KB is the local government of Kazincbarcika city. KB has nearly 100 employees, whose activities include urban management, natural resource management including green areas, water surfaces, canal, and ditch system management. KB has extensive green areas.

- 30 000 inhabitants
- Total area of 1 102 100 m² includes:
 - 109 120 m² int
 - 792 001 m² pa
 - 245 135 m² of



KÖVET Association for Sustainable Economies

- Since its foundation in 1995, KÖVET Association has been operating in the field of environmental protection, sustainability and circular economy.
- Besides our own programs – Green Office Program and Certification, Green Event Program and Certification, Money Back Through the Window Program, CSR Market, ALLIES-HETES project –
- we participate in a number of national and international projects: LIFE, Erasmus+, Horizons 2020, Visegrád 4 grants.
- On our professional palette one can find trainings, workshops, also in the form of webinars, conferences, company visits, carbon footprint calculation, sustainability report verification and awareness raising sessions on circular economy.



sustainable economies
követ



GeoGold Kárpátia Ltd.



GEOGOLD
KÁRPÁTIA

- GeoGold Kárpátia Ltd. provides **services in geological, hydrogeological and environmental projects, in water management** and has experience in the field of shallow **geophysical surveys**.
- GeoGold has experience in industrial and public **water supply research, water vulnerability diagnoses, engineering geophysics and landfill verifications**.
- The company also has participated in the regional climate change strategy planning with special regard to comprehensive assessments of water and natural resources and their exposure to climate change.



Mining and Geological Survey of Hungary

National Adaptation Centre Department

The Survey

- was established in 2017
- is supervised by the Ministry of Innovation and Technology (MIT)

• main activities include:

climate policy tasks, mine supervisions, and geological tasks.

Supporting research areas:

- key areas for adaptation
- climate vulnerability
- hydro-, and environmental geology
- sustainable use of natural resources
- renewable energy sources



NAKFO NEMZETI ALKALMAZKODÁSI KÖZPONT FŐOSZTÁLY
Magyar Bányászati és Földtani Szolgálat



II. National Climate Change Strategy (NCCS-2)



National Adaptation Centre Department

- was established in 2012
- supports the performance of MIT's climate policy tasks

• contributes to the strategic foundation of climate protection

• develops methodologies for assessing the domestic effects of climate change

• develops and operates the NAGiS (NATÉR)

• supports climate change related decision-making

• From 2019 the Head of Department holds the position of vice-president for earth sciences and climate protection, and the Centre was expanded



I. Climate Change Action Plan (NCCP1)

University of Miskolc (UM)

UM has a good working relationship with industrial partners and other stakeholders and professionals in the field of water management, climate change and environmental engineering in Hungary and abroad.

(eg. geoinformation processing, water supply and energy management)

- 600 lecturers
- 8000 students

The University of Miskolc is the leading higher education institution and academic centre in the North Hungarian region.

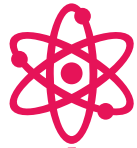
As the knowledge centre in North Hungary and an internationally known and renowned university, the University of Miskolc considers it its special mission to contribute to the preservation of the region's intellectual heritage, to the education of generations of professionals, and – what is just as important – to retaining them here.





Project preparation

TIMELINE



06/2018

Selection of consortium members, Proposal writing



08/2018

Proposal submission failed



05/2019

Rethinking the Proposal with new partners



09/2019

Rewriting and submission of the Proposal



03/2020

Administrative revision, Technical and Financial revision



TIPS

The proposal preparation required at least 6 months of work, from setting up the consortium to finalising the proposal.

Choose a partner with whom you have previously worked with or have the best professional knowledge.

Work with online file sharing. Always ask partners for confirmation of the tasks performed.

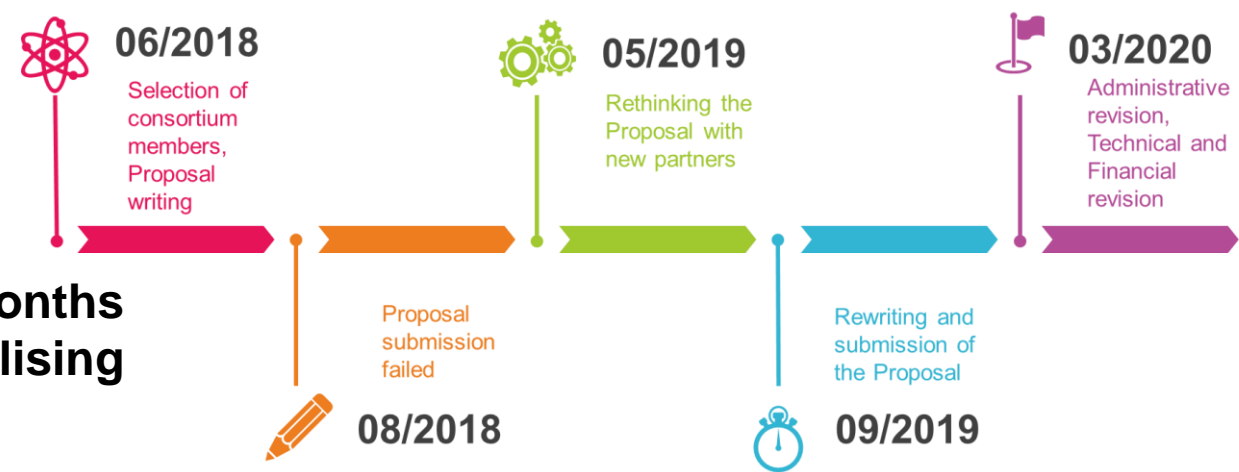
Be very clear in what you want to achieve and how you will do this.

Make it clear to partners what each organization needs to accomplish.

Make sure your budget is cost-effective, coherent, distributed proportionally among the partners and check the consistency between the budget and the proposal.

Pay attention to the KPI table, milestones, deliverables (quantifiable results).

Submit the proposal one day before the deadline to avoid complications with the submission portal.



ADVICES

It uses new, innovative solutions, technologies and methods that can be replicated in other EU Member States.

Do not focus the project on research activities, large-scale infrastructure financing

Alignment with annual and multi-annual priorities

Sustainability (continuity, repetition), synergies and transnationality are very important

Avoid double funding

Adatok

Éves BC vízkivétel
a Sajóból

10 millió m³

**Elvárt,
elfogadható eredmény:**

150 m³/óra PVC víz van, ezt kell megszűrni,
ha ebből 100 m³/óra újra visszakerülne, az
már jelentős csökkentés lenne

55 000 m³

3 napi vízfelhasználás

5-10%

Tervezett vízkivétel csökkentés



Alkalmazkodás az Éghajlatváltozáshoz (CCA)

**Vízgazdálkodás és
árvízmenedzsment**

Vízgazdálkodás

**Az esővíz hatékonyabb
felhasználása
Az aszályveszéllyel
szembeni ellenálló-
képesség növelése**

**Városi
alkalmazkodás**

**Partnerségek a köz-
és a magánszféra
részvételével a
hatékonyabb éghajlati
alkalmazkodásért.
Zöld felületek és a
hőmérséklet**

**Infrastruktúrák
A közinfrastruktúra
(közutak, egészségügyi,
víz- és hulladék-
gazdálkodási
infrastruktúra)
sérülékenységének
vizsgálata és
csökkentése**

**Vízgazdálkodás
Városi és vidéki
vízelvezető
rendszerek fejlesztése**





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Thank you for

your at10tion

