MLGP4 CLIMATE

Monthly Bulletin - October 2025

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> ***"The environment is where we all meet; where all of us have a mutual interest; it is the one thing all of us share."*** - Lady Bird Johnson

October Focus

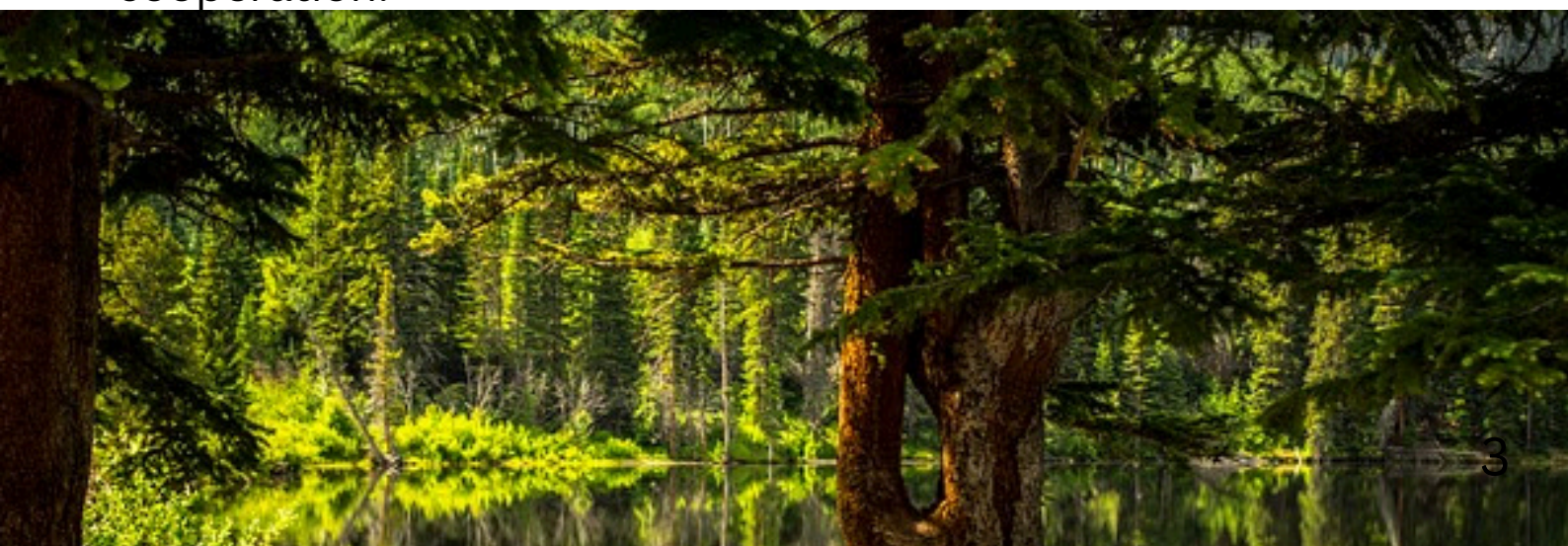
Stronger Together for a Sustainable Future: Empowering Cities, Inspiring Action, and Turning Climate Challenges into Opportunities

October was a month of growth, collaboration, and inspiration across the MLGP4Climate community.

MLGP4Climate **organised 2 workshops on climate adaptation and financial attraction**, local and international experts shared practical tools to help municipalities design projects that are both resilient and fundable.

MLGP4Climate welcomed **three new members—Ayrancım Association, Tohumluk Foundation, and Yeni Nesil Şehircilik**—whose community-driven and innovative approaches will further enrich our network.

MLGP4Climate provided **consultations** for Karlovac, Denizli municipalities and and the Healthy Cities Association, while the **Fourth Experts Coordination Meeting** reaffirmed our shared goals for visibility, capacity building, and cross-border cooperation.



29 Ekim Cumhuriyet Bayramı kutlu olsun!

Happy Turkish Republic Day!

We celebrate the 102nd anniversary of the Republic of Türkiye — a day honouring democracy, resilience, and unity. The MLGP4Climate team extends heartfelt congratulations to all partners and citizens contributing to a sustainable and brighter future for Türkiye. ✨ Yaşasın Cumhuriyet!

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KARATAY BELEDİYESİ

Tebrikler
Karatay Belediyesi

Türkiye'nin SDG'ler Kapsamında İlk Öncü Şehri

Congratulations
Karatay Municipality

Türkiye's First Pioneer City under SDGs.

Karatay Municipality Recognized as Türkiye’s First “Pioneer City” in Sustainable Development!

MLGP4Climate member Karatay Municipality has been honored by the **World Urban Economy Forum** as **Türkiye’s first Pioneer City** under the Sustainable Development Goals (SDGs) framework. 🌍

This milestone highlights the growing visibility of MLGP4Climate municipalities and **the power of local action** in advancing global sustainability. As Mayor Hasan Kılca emphasized, Karatay’s approach—rooted in **planned urbanization, green transformation, balanced growth, and accessible public spaces**—now serves as an international model for sustainable city development.

👏 **Congratulations to Karatay Municipality!** Their success reflects the collective strength of MLGP4Climate cities leading the way toward a sustainable future.

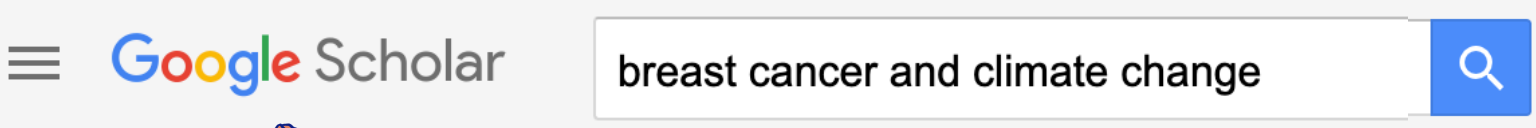
Congratulations Gaziantep metropolitan Municipality!

The 2025 Europe Prize has been awarded by the Parliamentary Assembly of the Council of Europe to the city of Gaziantep in Türkiye.
The Prize is awarded each year to the city that has been most active in promoting the European ideal

This Breast Cancer Awareness Month, MLGP4Climate stands with all those whose lives have been affected by breast cancer

Studies increasingly show that environmental pollution and exposure to harmful chemicals can **elevate cancer risks, including breast cancer**. **Air and water contamination, pesticide use, and plastic-borne endocrine disruptors such as BPA** have been linked to hormonal imbalances and tumour development.

Protecting the environment **also means protecting public health**. By reducing pollution, regulating toxic substances, and supporting clean and sustainable cities, we aim to take meaningful steps toward both climate action and cancer prevention — **because a healthy planet nurtures healthy lives.**



For more information on early diagnosis, visit this website by the Ministry of Health of Türkiye.

MLGP4Climate Workshop Spotlight: “How to Develop an Adaptation Project? Adaptation & Nature-Based Solutions”

13 October 2025

The latest MLGP4Climate workshop gathered **nearly 100 participants** from Türkiye, Spain, and across Europe to explore **how cities can turn climate risks into adaptation opportunities**.

Mr. Alejandro Jiménez Hernández (GCoM) shared practical nature-based solution toolkits for local adaptation.

Ms. Paola Bezzera (EU JRC) presented the new 2025 Guidebook for Covenant of Mayors signatories, offering a step-by-step approach to resilience planning.

Prof. Dr. Tuncer Demir (Akdeniz University) unveiled his new publication “Adaptive Strategies for Climate-Resilient Cities,” bringing scientific solutions to municipal practice.

The session bridged **EU guidance, science, and real-world experience,** inspiring cities to design **fundable, impact-driven adaptation projects**.

“Adaptation is a vital part of a response to the challenge of climate change.”

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MLGP4Climate Workshop "How to Develop an Adaptation Project - Adaptation & Nature-Based Solutions"

13 October 2025

Key Takeaways

Start with data: build projects on solid Risk & Vulnerability Assessments using sources such as Copernicus and JRC.

Think SMART: define clear, measurable, and realistic objectives.

Collaborate: "Alone you can win a game, but together you can win a championship."

Unlock finance: integrate adaptation with mitigation and energy-poverty measures to access EU funding streams.

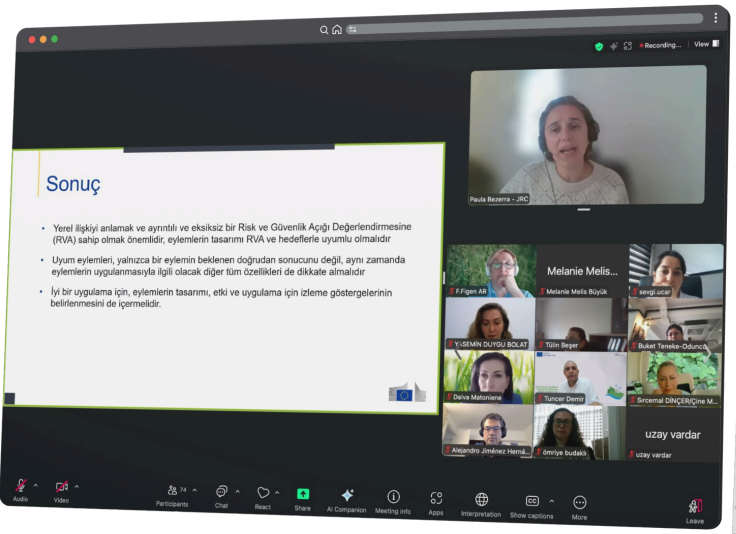
All presentations and toolkits (EN/TR) are now available in the MLGP4Climate Library!

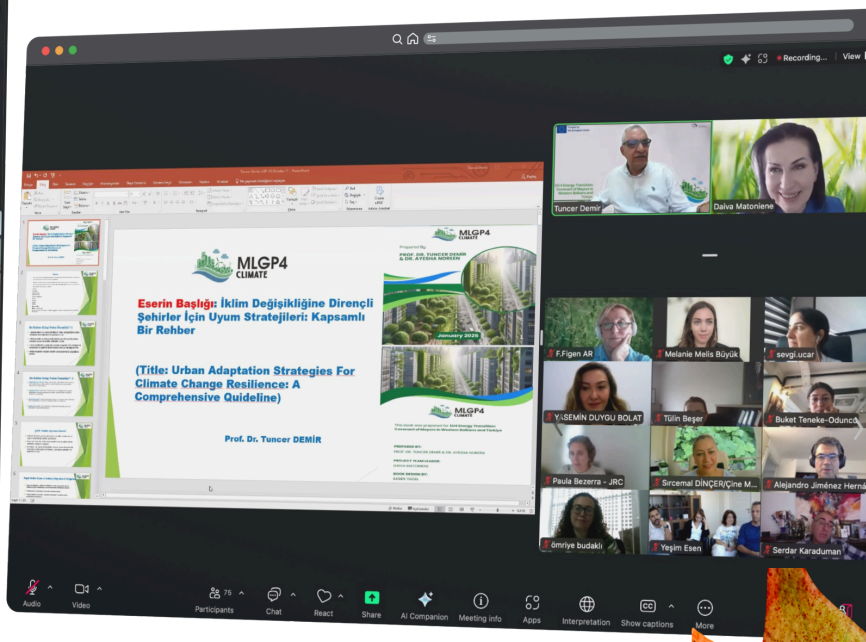
MLGP4Climate Workshop: “How to Develop an Adaptation Project - Adaptation & Nature-Based Solutions”

13 October 2025

MLGP4Climate Workshop: “How to Develop an Adaptation Project - Adaptation & Nature-Based Solutions”

13 October 2025





Presentation: "Guidelines on Nature-Based Solutions and Other Adaptation Practices" by Alejandro Jiménez Hernández (GCoM)

Presentation key Goal:
show toolkits & other contents of the Guidelines that municipalities can use to prepare adaptation projects.

Walk through the contents of the Guidelines:

- Urban adaptation options
- Comparing NbS with infrastructure options
- Practice, definitions & tips
- Climate Risk Analysis & Adaptation: Steps & Tools
- Tools & Examples of NbS for climate hazards
- Toolkits available for designing adaptation options
- Way forward

A definition of Nature-based Solutions

During its 5th session, the United Nations Environmental Assembly (UNEA) formally adopted the definition of NbS as:

- *'actions to protect, conserve, restore, sustainably use and manage natural or modified terrestrial, freshwater, coastal and marine ecosystems, which address social, economic and environmental challenges effectively and adaptively, while simultaneously providing human well-being, ecosystem services and resilience and biodiversity benefits.'*

- NbS safeguard the rights of communities and indigenous peoples.

https://www.naturebasedsolutionsinitiative.org/news/united-nations-environment-assembly-nature-based-solutions-definition/

Presentation; “Guidelines on Nature-Based Solutions and Other Adaptation Practices” by Alejandro Jiménez Hernández (GCoM

Global commitments and Nature-based Solutions

All global and regional commitments: the *2030 Agenda for Sustainable Development*, the *Paris Agreement under UNFCCC*, and *Sendai Framework for Disaster Risk Reduction*, advocate for:

- **Putting human development on a more sustainable and resilient pathway by setting adaptation and disaster risk management at the base of sustainable development; and**
- **Providing important entry points not only to scale up Nature-based Solutions, but also to ensure greater coherence through integrated approaches for conservation, Disaster Risk Reduction and Climate Change Adaptation.**

Urban Adaptation: Nature-based Solutions

Urban resilience indicators by UN-Habitat – MCR 2030

Indicator	Description	Urban relevance
% urban population in risk-prone informal areas	Measures exposure and guides upgrading priorities	Critical for equitable climate resilience
% of infrastructure built to resilient standards	Assesses adaptation in new or retrofitted structures	Green roofs, flood-proof roads
Urban green coverage per capita	Proxy for heat and flood mitigation	Supports nature-based adaptation
Access to emergency shelters or climate shelters	Key for urban response to extreme weather	Especially for low-income or elderly populations

Making Cities Resilient 2030 (MCR 2030) – see: https://mcr2030.undrr.org/who-we-are

Presentation: Guidelines on Nature-Based Solutions and Other Adaptation Practices" by Alejandro Jiménez Hernández (GCoM)

Practice & Tips 1

- **BOX 6 - PRACTICE**
  - Make a list of all climate hazards affecting the city starting with the most damaging one;
  - Using tables 3 & 4 select the type of Nature-based Solution and "infrastructure" or "grey" solutions that may be more suitable for addressing climate hazards affecting your city;
  - Using table 3 identify the "hazard regulation process" needed to control each hazard;
  - Based on the literature, compare the approximate cost and benefits of the NbS selected with the cost and benefits of an alternative grey infrastructure option and decide which one is best;

BOX 7 - TIP

Larger-scale **eco-district development projects**, which encompassed various NbS solutions, including **green buildings**, **urban green spaces** and **parks**, **water management solutions** as well **as blue infrastructures**. Examples gathered in the database include the *Eco City Augustenborg* of Malmö and Hammarby Sjöstad of Stockholm, in Sweden; the *Danube Eco-District project* in Strasbourg, France and a *Green and Sustainable Student Village* in Bradford, UK. Source : Almassy, D., et al., 2018.

Summary of key Steps: mainstreaming into UPT & *Tool for estimating cost& benf of adaptation options*

BOX 21 – PRACTICE

Do it simply using some basic tools

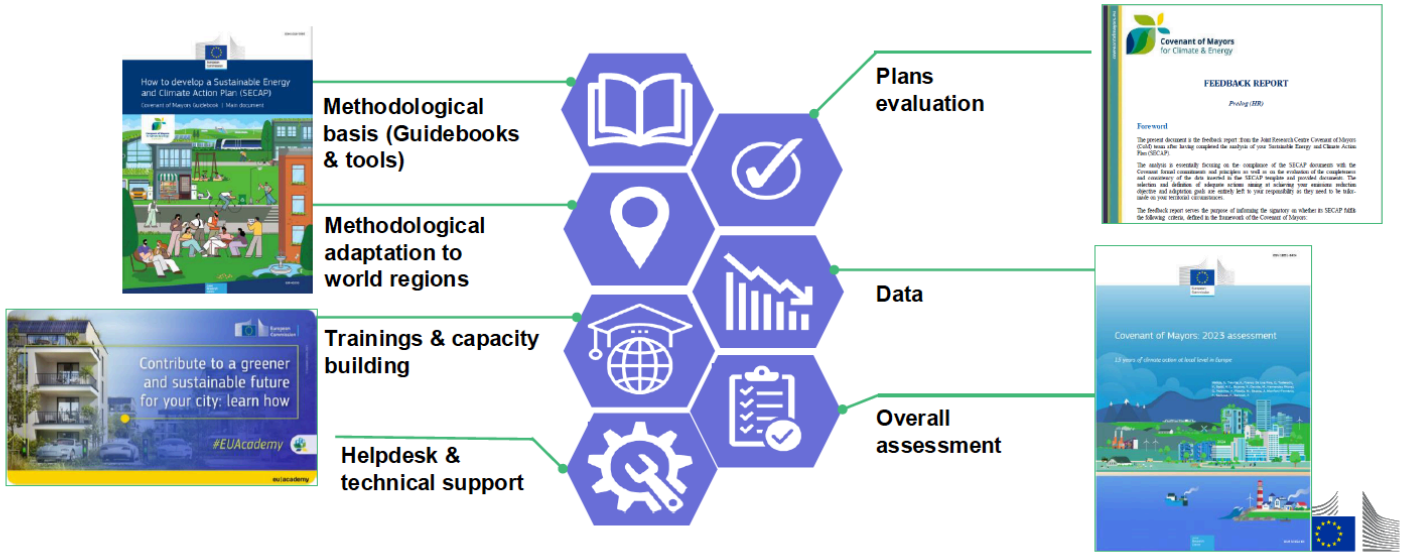
- **Start by listing** main climate **hazards** that generate losses and damages in the city and identifying the most affected people and the worst impacted roads, bridges, buildings, neighborhoods and zones;
- **Then, proceed to mapping zones at risk as well as green areas** (parks, forests, gardens, etc.) ...
- **Check historical ecosystems**—try to learn what the area looked like before the city was built. Rivers, creeks, and natural plants can guide smart planning, especially when trying to manage floods. ..s.
- **Find useful data**—see if national agencies, universities, or local organizations have information or maps you can use.. If your city lacks land maps, tools like the **Urban Atlas** or **CORINE Land Cover data** (especially in Europe) can be helpful.
- **Suggest a list of adaptation** actions including NbS;
- **Discuss** adaptation actions and **select** the most suitable ones along with **stakeholders**;
- Estimate **Cost & Benefit** of the different adaptation actions;
- **Prioritize** adaptation actions for the city and look for sustainable sources of **funding**;
- Identify the best **Urban Planning Tool (UPT)** to **integrate** climate change adaptation considerations;

Find the full Presentation on "Guidelines on Nature-Based Solutions and Other Adaptation Practices" by Alejandro Jiménez Hernández (GCoM) in the MLGP4Climate Library!

Presentation: “The new CoM EU SECAP guidebook: guidance on adaptation actions” by Paula Bezzera (Joint Research Center)

Role of the JRC in the Covenant

The Joint Research Centre (JRC) is the in-house science and knowledge service of the European Commission.



Main novelties

Updated EU climate and energy **policy context**

New guidance on how to account GHG emissions from **waste**

New guidance on **energy poverty assessment**

Comprehensive guidance on **financial mechanisms** to implement SECAP actions

A section dedicated to **regulatory provisions** relevant to local climate action

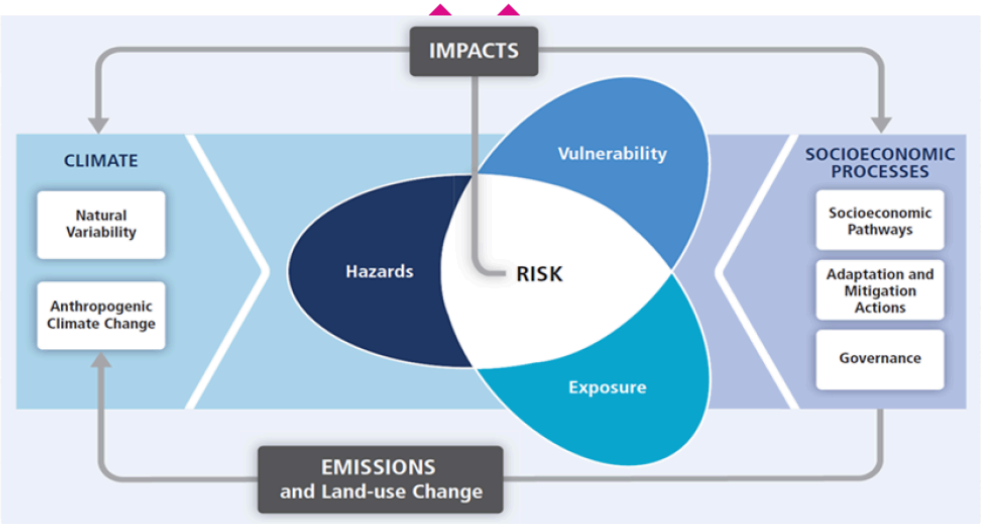
More detailed guidance on **risks and vulnerability assessment and adaptation goals**

Document on **how to plan actions**, incl. numerous examples, indicators, considerations related to co-benefits

Presentation:"The new CoM EU SECAP guidebook: guidance on adaptation actions" by Paula Bezzera (Joint Research Center)

3 Defining adaptation actions

Understanding the RVA and first prioritisation



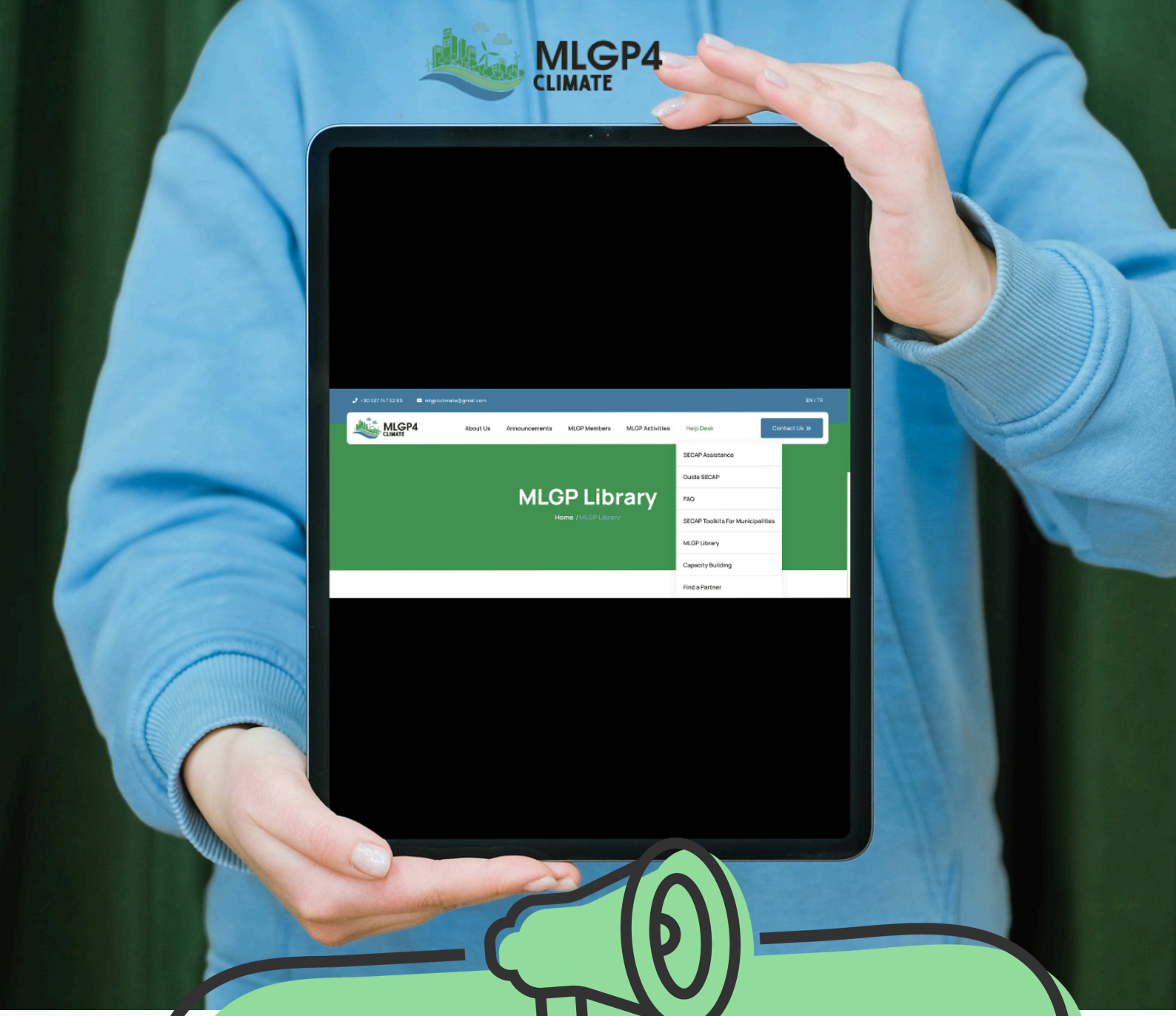
Objective: AVOID IMPACTS

- For this, the **risks need to be reduced**
- There are four items where to act:
  1. **Hazards**: "mainly" impacted by mitigation actions
  2. **Vulnerability**: to be reduced in relation to sectors and population groups
  3. **Exposure**: to be reduced in relation to sectors and population groups
  4. **Adaptive capacity**: to be increased

Defining adaptation actions

Well-targeted adaptation actions

	VULNERABILITY & EXPOSURE		EXAMPLES				
HAZARD	VULNERABLE POPULATION GROUPS	VULNERABLE SECTORS	Technical / infrastructure	Policy / regulatory	Finance	Capacity building	Social innovation
Extreme heat	Elderly	Buildings	• Building climate shelters to protect people when there is extreme heat	• Standards creation for new buildings: orientation, shading, greenery	• Grants for the refurbishment of buildings to make them climate proof	• Awareness campaigns to ensure that citizens know how to react	• Initiative to know your neighbours – partnering to ensure mutual care
Floods	Low income households	Buildings	• Building barriers / protecting infrastructure against floods	• Regulating city areas to restrict the construction of buildings	• Grants to displace homes in highly exposed and vulnerable areas	• Training architects / engineers on bdg improvements to enhance resilience against flood	• Neighbourhood alarm system and first aid via mobile phone
Water scarcity	Low income households	Agriculture & forestry	• Invest on tech to support alternative agricultural practices	• Regulation of the agricultural practices and limiting water consumption	• Incentives for farmers that deploy smart agriculture practices	• Training farmers on new agricultural methods and their water impact	• Generate association of farmers to share best practices
River floods	Commuters / workers	Transport	• Building alternative roads to connect the city	• Developing a plan for the first actions to be deployed by civil emergency	• Incentives for enterprises that promote tele working	• Building internal capacity of local authority to understand impact of river floods	• Develop a network of stakeholders to implement first actions against a river flood impact
			"Easier" to quantify, direct impacts	Generation of an enabling environment. Also highly important, but impacts are less evident			



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Presentation: “Adaptation Strategies for Climate-Resilient Cities: A Comprehensive Guide (TR)” by Prof. Dr. Tuncer Demir (Akdeniz University)

Önsöz

- Bu eser, küresel iklim değişikliğinin şehirler üzerindeki çok yönlü etkilerini kapsamlı biçimde ele alan, bilimsel temele dayalı bir rehberdir.
- Kentlerin hem iklim krizinin en fazla etkilediği hem de çözümde en etkin rol oynayabileceği alanlar olduğu gerçeğinden hareketle, kitapta **“iklim dirençli şehirler”** oluşturmanın yöntemleri sistematik bir biçimde açıklanmaktadır.
- Kitapta:
- **Isı adası,**
- **Sel, Kuraklık,**
- **Kıyı Taşkınları,**
- **Orman Yangınları,**
- **Enerji,**
- **Ulaşım,**
- **Sağlık,**
- **Turizm,**
- **Biyoçeşitlilik,**
- **Eğitim ve Farkındalık**
- gibi birçok başlık altında **uyum stratejileri, uygulama adımları ve iyi örnekler (case studies)** sunulmuştur.

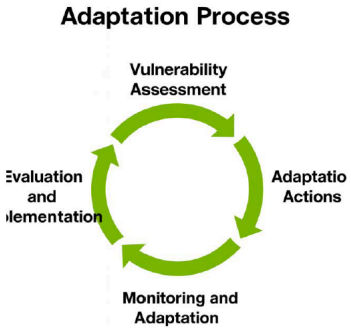
Uygulanabilir Adaptasyon Eylemleri ve Pratik Çözümler

- Eser, soyut kavramlardan öteye geçerek:
- **Isı adası etkisi,**
- **Sel ve taşkın yönetimi,**
- **Kuraklık ve su kıtlığı,**
- **Orman yangınları,**
- **Kıyı erozyonu,**
- **Enerji verimliliği,**
- **Sürdürülebilir ulaşım ve turizm**
  gibi alanlarda hem **bireyler hem de belediyeler** için **somut adımlar, uygulama örnekleri ve pratik ipuçları** sunar.
- Bu sayede, teorik bilgiyle sahadaki uygulamayı buluşturur.

Presentation: “Adaptation Strategies for Climate-Resilient Cities: A Comprehensive Guide (TR)” by Prof. Dr. Tuncer Demir (Akdeniz University)

Adaptasyon Süreci: Temel Aşamalar

- **Kırılganlık Değerlendirmesi** - Risk altındaki alanların belirlenmesi.
- **Uyum Eylemleri** - Sektör bazlı çözümlerin seçilmesi.
- **Uygulama** - Eylem planlarının kent politikalarına entegrasyonu.
- **İzleme ve Uyarlama** - Sürekli değerlendirme ve yenileme.
- Görsel: Adaptasyon döngüsü grafiği.



Bu Rehber Kitap;

- Bilimsel temelli,
- Görsel destekli,
- Uygulanabilirliği yüksek,
- Ve tüm sektörleri kapsayan **kapsayıcı bir rehber**dir.
- Bu nedenle, **hem akademik çalışmalar hem de belediye düzeyindeki planlama süreçleri** için ulusal ve uluslararası ölçekte **referans bir kaynak** niteliğindedir.

Find the book on "Urban Adaptation Strategies for Climate Change Resilience: A Comprehensive Guideline" by Prof. Dr. Tuncer Demir & Dr. Ayesha Noreen in the MLGP4Climate Library!

Presentation: "Tips on How to Develop an Adaptation Project" by Daiva Matonienė

How to develop adaptation project?

TIPS 1

Start with a Strong Climate Risk and Vulnerability Assessment (CRVA)

Identify climate hazards (heatwaves, floods, droughts, storms, sea-level rise, etc.) relevant to your region.

Analyze exposure (who/what is at risk), sensitivity, and adaptive capacity.

Use scientific data (e.g., IPCC, Copernicus, national meteorological data).

Prioritize hotspots—sectors or areas most affected (e.g., agriculture, water, health, coastal zones).

How to develop adaptation project?

TIPS 2

Define a Clear Problem Statement

Describe why adaptation is needed—link it to observed climate impacts and socio-economic challenges.

Make it location-specific and evidence-based.

Example: "Increasing frequency of flash floods in urban areas of X municipality has caused Y damage annually."

Presentation:"Tips on How to Develop an Adaptation Project" by Daiva Matonienė

How to develop adaptation project?

TIPS 3

Start with a Strong Climate Risk and Vulnerability Assessment (CRVA)

Identify climate hazards (heatwaves, floods, droughts, storms, sea-level rise, etc.) relevant to your region.

Analyze exposure (who/what is at risk), sensitivity, and adaptive capacity.

Use scientific data (e.g., IPCC, Copernicus, national meteorological data).

Prioritize hotspots—sectors or areas most affected (e.g., agriculture, water, health, coastal zones).

How to develop adaptation project?

TIPS 4

Set SMART objectives

The objectives should address the core problem in terms of the benefits to be received by the project beneficiaries or target group ***as a direct result of the project***. A project will likely have multiple objectives.

Characteristics:

- Specific
- Measurable
- Applicable
- Realistic
- Timely

SOURCE: NEBIU, B. (2002): Developing Skills of NGOs, Project Proposal Writing. Szentend The Regional Environmental Centre for Central and Eastern Europe.

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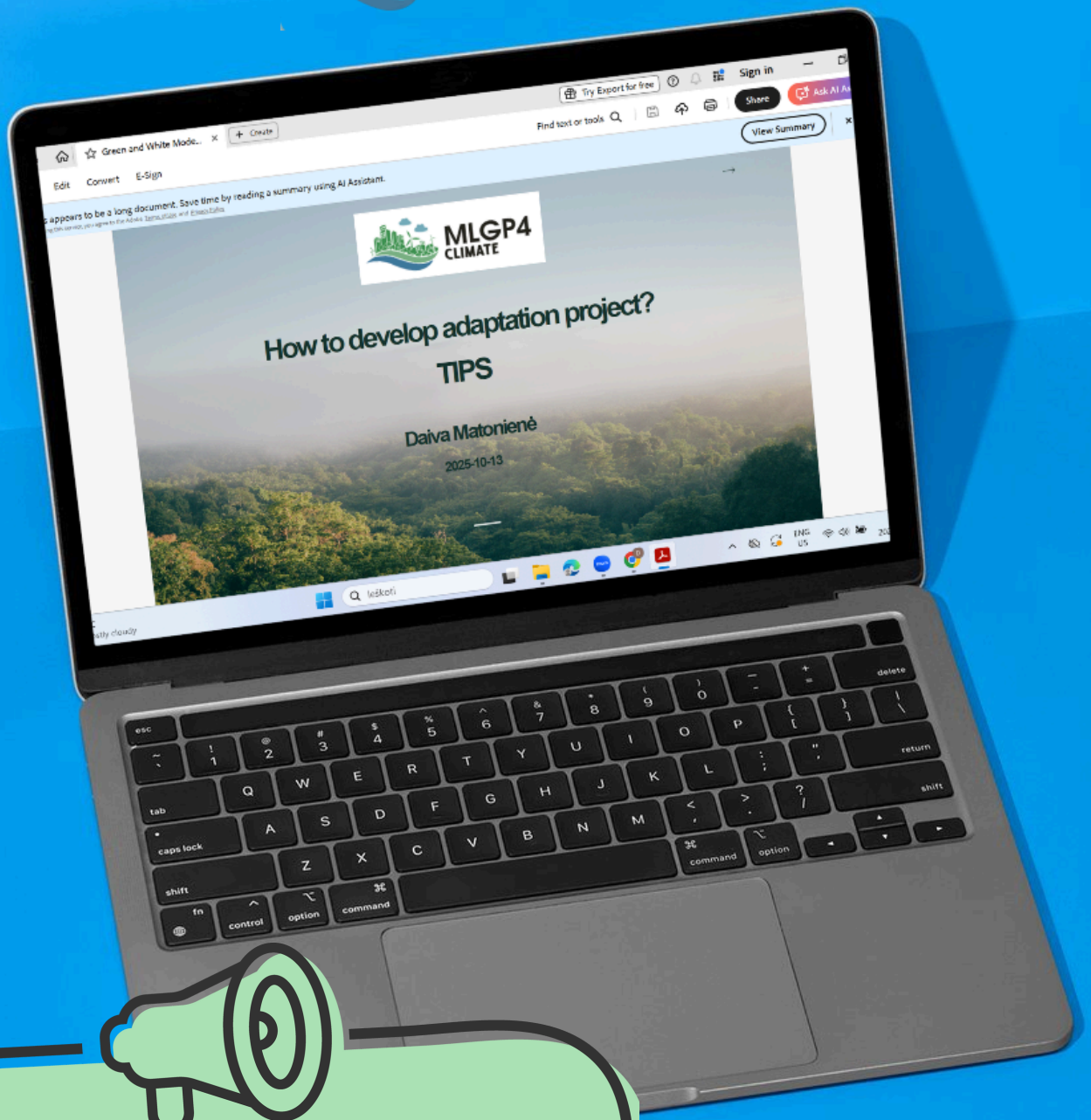


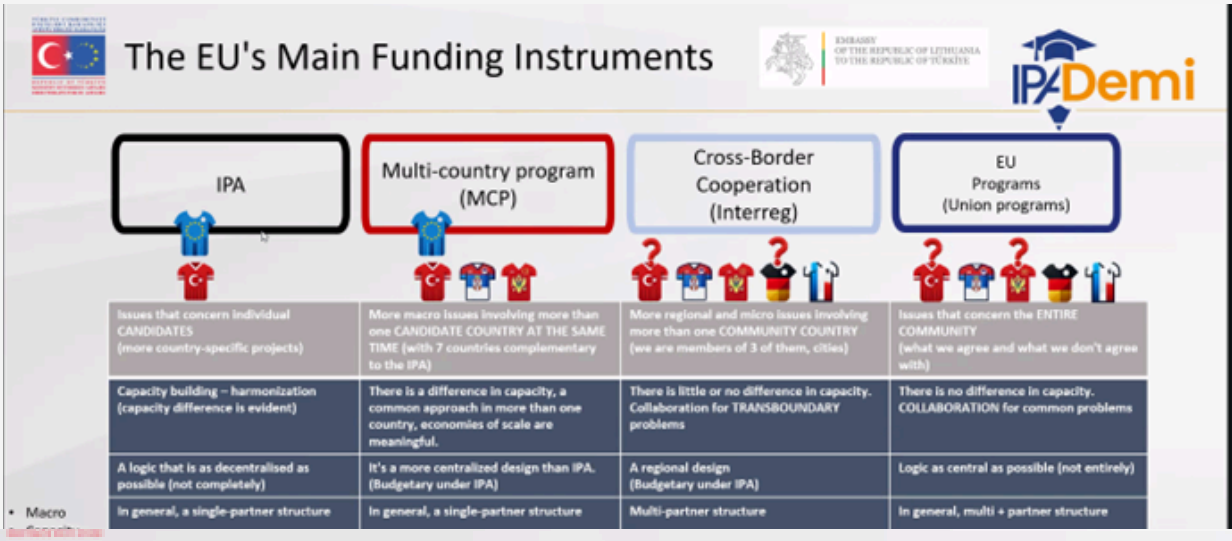
Find the full Presentation on "Tips on How to Develop an Adaptation Project" by Daiva Matonienė in the MLGP4Climate Library!

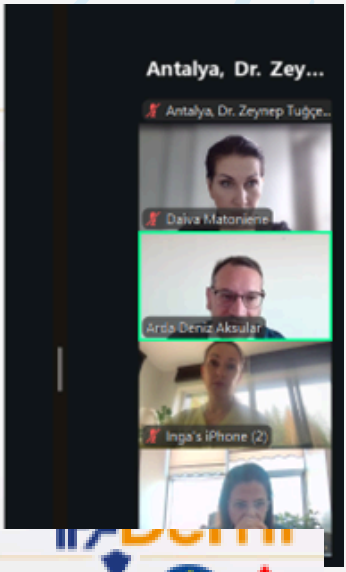
Workshop: “How to Develop a Comprehensive Climate Project?” Part 2
By Dr. Arda Deniz Aksular

30 October 2025

On 30 October 2025, MLGP4Climate hosted an online training under the Green Missions for Climate Finance Project, gathering **60 participants** from municipalities, regional agencies, and partner institutions.

Through expert **Dr. Arda Deniz Aksular** the session provided valuable information regarding the development of fundable climate projects, exploring EU and other donor opportunities supporting local climate action.

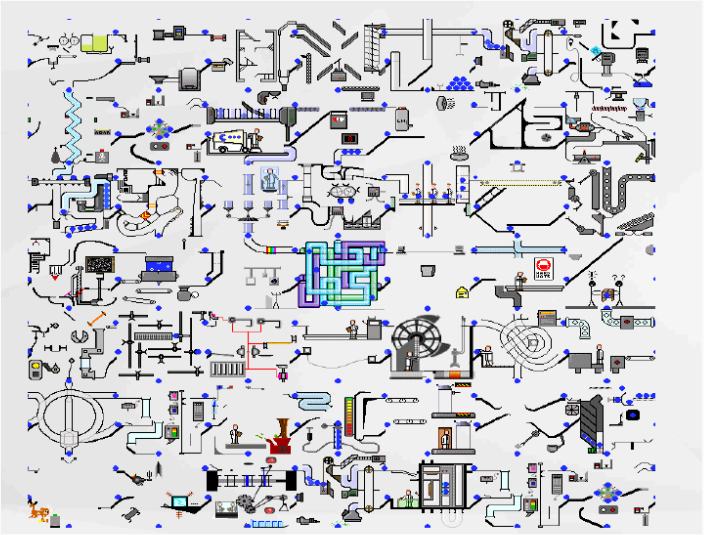




Workshop: “How to Develop a Comprehensive Climate Project?” Part 2 by Dr. Arda Deniz Aksular

30 October 2025

Project machine



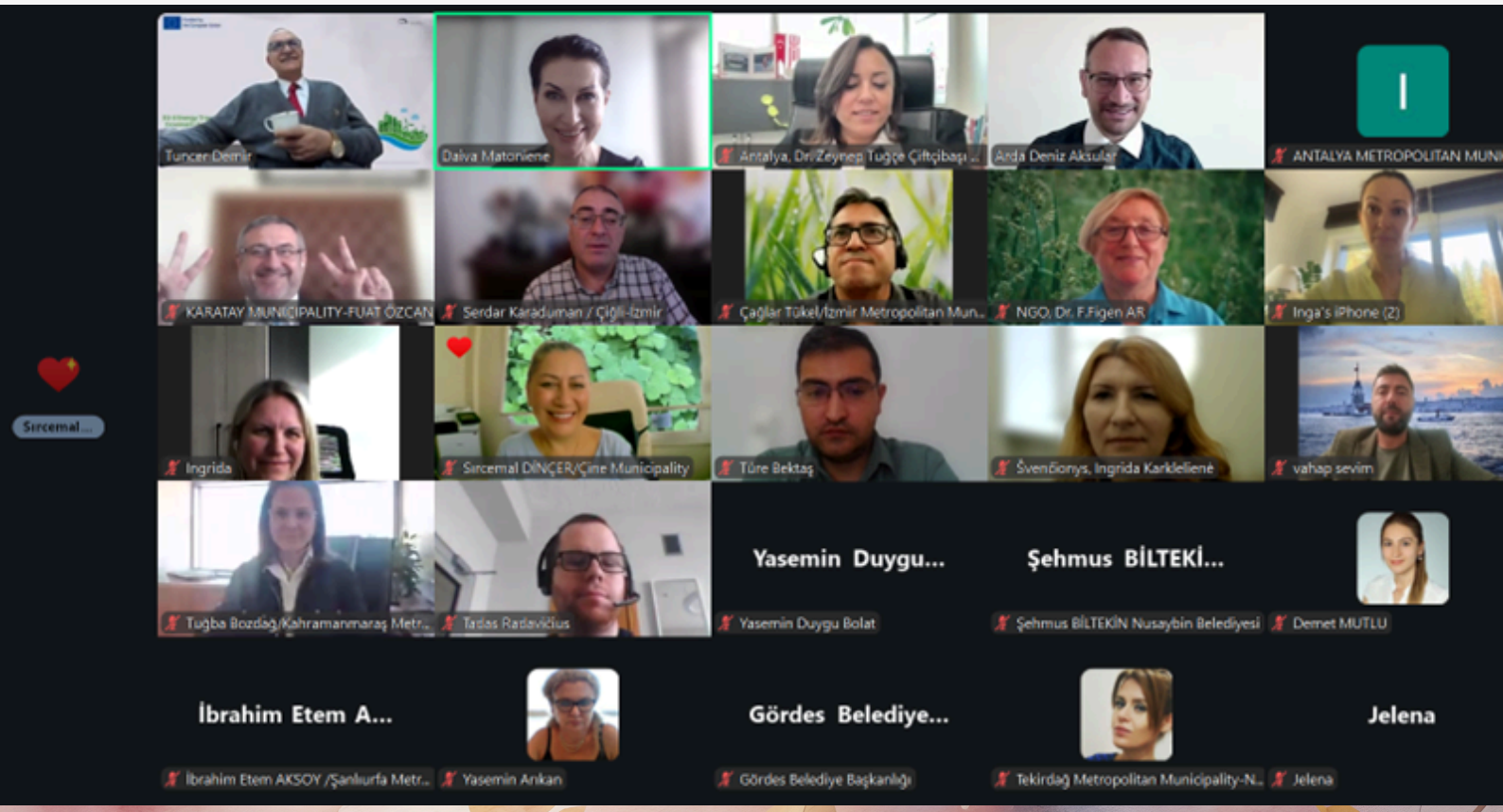
Recommendations

1. Make the right decision about which program to apply for
2. Check the system (PIC, OIDs)
3. Be proactive in finding a partner
4. Use AI
5. Be flexible

Full access to presentation in the MLGP4Climate library!

Workshop: “How to Develop a Comprehensive Climate Project?” Part 2 By Dr. Arda Deniz Aksular

30 October 2025



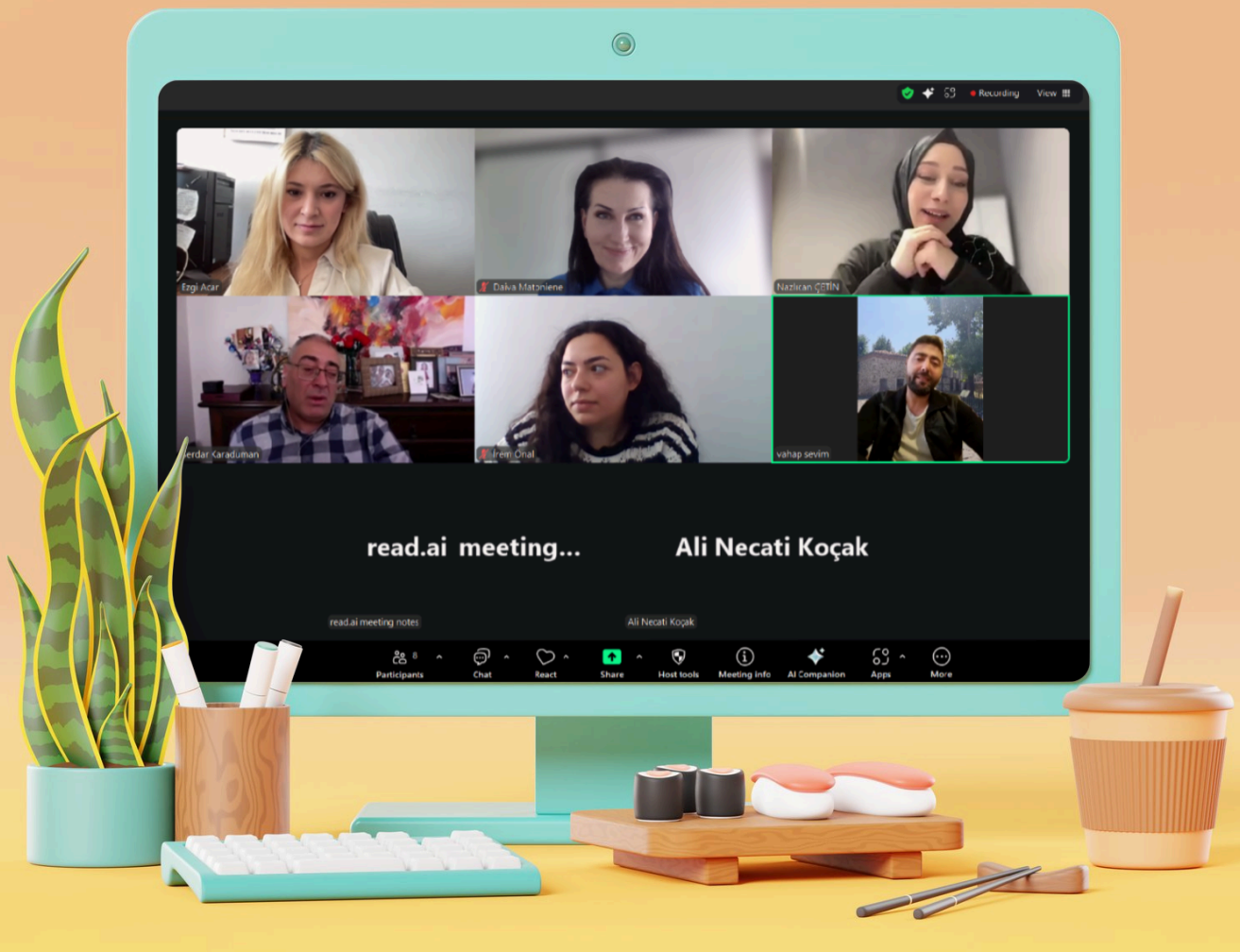
MLGP is Expanding!

Our platform keeps growing — and so does our impact. This month, **three new members officially joined the MLGP4Climate community**, bringing fresh energy, expertise, and community spirit to our collective mission. Among them are **Ayrancım Association, Yeni Nesil Şehircilik (New Generation Urbanism Association), and the Tohumluk Foundation** — each contributing unique perspectives to our shared vision of climate-smart, inclusive, and resilient cities.

As MLGP4Climate expands its cooperation network, these new partnerships strengthen the bridge between **local communities, civil society, and municipalities**, ensuring that climate action is both **innovative and people-centered.** Together, we continue building a stronger ecosystem for sustainable transformation in Türkiye and beyond.

Consultation with Ayrancım and Yeni Nesil Şehircilik Associations

On 23 October 2025, MLGP4Climate hosted an online consultation with **Yeni Nesil Şehircilik Association** and **Ayrancım Association** to officially welcome the new members and explore **collaboration opportunities** through the MLGP4Climate Platform. The meeting, facilitated by **Mr. Serdar Karaduman,** focused on ways to **enhance project development, exchange expertise, and strengthen municipal cooperation on sustainable urban transformation.** Discussions covered upcoming initiatives, opportunities to share materials in the MLGP Library, and future joint events, speaker invitations, and media cooperation. Both associations expressed strong interest in joining the platform and contributing to its growing network of city-focused and community-driven partners. 🌿



tohumluk
Sosyal Yardımlaşma, Eğitim, Kültür ve Sanat Vakfı

http://

Established in 2020, the Tohumluk Foundation connects **rural and urban communities through education, culture, and social projects**. Guided by the belief that "villagers and city dwellers must learn from each other," it promotes **rural development, circular economy, gender equality, and sustainability**. Tohumluk adds a vital gender and rural development perspective to MLGP4Climate's growing network.

AYRANCI - AZİZİYE - GÜVENEVLER - GÜZELTEPE - REMZİ OĞUZ ARIK
2019
AYRANCIMDERNEĞİ

Ayrancım promotes **participatory and sustainable urban life** across Ankara's neighborhoods. Known for its work on g**reen space protection, waste management, and nature-based solutions**, it leads the project Nature-Based Solutions Against the Urban Heat Island in Ayrancı. Its participation adds a strong community-driven voice to MLGP4Climate, turning local experience into practical climate action.

http://

yeni nesil şehircilik

http://

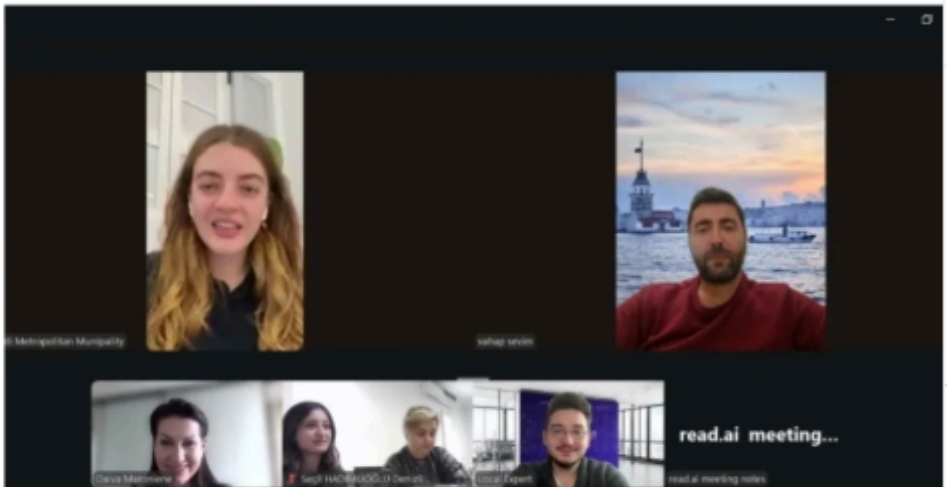
Founded in 2024, Yeni Nesil Şehircilik (YNŞ) advances **innovative and climate-sensitive urbanism**, focusing on **SECAPs, urban regeneration, and renewable energy**. By joining MLGP4Climate, YNŞ brings fresh expertise and youthful momentum, ensuring innovation and inclusion remain central to local climate action.

Consultation with MLGP4Climate International Partner – Karlovac Municipality (Croatia)

On **23 October 2025**, MLGP4Climate held a consultation with our long-standing partner **Karlovac Municipality** to explore new opportunities for collaboration under the **C4T GROUNDWORK** initiative and other EU programs. In the meeting with **Ms. Eva Sobotik-Pavan**, Senior Advisor for Local and International Co-operation, the discussion covered energy transition, renovation models, and financing mechanisms inspired by European best practices. **Ms. Daiva Matonienė shared success stories** from energy renovation program and provided consultation for proposal submission

Consultation with Denizli Metropolitan Municipality

On 22 October 2025, MLGP4Climate held a consultation with **Denizli Metropolitan Municipality,** reinforcing our collaboration with Türkiye's leading cities in climate governance. Consultations provided platform experts Daiva Matonienė, Vahap Sevim, and Doğukan Aycı, focused on **aligning Denizli's Local Climate Action Plan with the SECAP framework under the Covenant of Mayors.** Discussions also explored Denizli's plans to **strengthen international cooperation** and **participate in EU Horizon projects** as a partner municipality. The session once again showcased **Denizli's commitment** to advancing climate resilience and low-carbon transition within the MLGP4Climate network.



Strengthening Cooperation with the Healthy Cities Association of Türkiye

On 22 October 2025, MLGP4Climate held a consultation meeting with the **Healthy Cities Association** of Türkiye (Sağlıklı Kentler Birliği) to explore new avenues of collaboration and joint training activities. The discussion, attended by **Daiva Matonienė, Abdulvahap Sevim, Cem Türkay, and Gökçe Küçük,** focused on designing a **joint training for SECAPs** and for Association's more closer participation in the MLGP4Climate Platform. Both parties expressed strong interest in developing joint training modules, pilot SECAP projects, and future EU-funded initiatives, including potential partnerships with Turkish municipalities. The meeting concluded with a **shared vision** to combine the Association's public health and sustainability expertise with MLGP4Climate's international networks and technical know-how paving the way for a formal cooperation agreement in the coming months.

The Fourth MLGP4Climate Experts Coordination Meeting

3 October 2025

The MLGP4Climate expert team convened its **Fourth Coordination Meeting** to review the platform's progress throughout September and coordinate upcoming activities. The session highlighted **key achievements in visibility, partnerships, and project development** across Türkiye and the wider region.

The team celebrated the **platform's growing visibility** — reaching 3,100 followers on LinkedIn and 1,000 on Instagram — and discussed the **submission of two Horizon Europe proposals** and **preparations for the Green Missions for Climate Finance training series**. Updates also covered the **Driving Urban Transitions (DUT) call**, new collaboration opportunities, and communication milestones.

The meeting concluded with **next steps to expand municipal engagement, enrich the MLGP Library, and prepare for the October workshops and the final Green Missions event** in **Vilnius** — strengthening MLGP4Climate's role as a bridge between local expertise and international cooperation.

MLGP4 CLIMATE

The MLGP4Climate Newsletter is introducing a new section: ***The Latest News on Environmental and Climate Change Issues*** *- designed to keep our readers up-to-date with national and international headlines. For suggestions, please contact us at mlgp4climate@gmail.com.*

EU and Türkiye hold High-Level Dialogue on Climate

On 1 October 2025, Commissioner Wopke Hoekstra and Minister Murat Kurum met in Brussels for the 3rd EU–Türkiye High-Level Dialogue on Climate. Following Türkiye's new Climate Law, both sides reaffirmed commitment to the Paris Agreement and COP30 goals, agreeing to deepen cooperation on carbon pricing, adaptation, and just transition. (EU Commission, 2 October 2025)

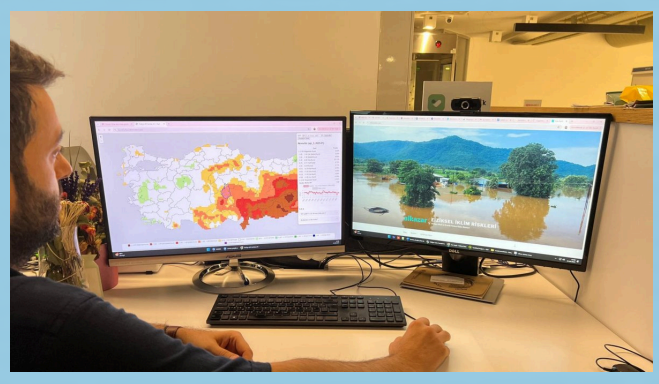
MLGP4 CLIMATE

Türkiye launches interactive drought map to track climate impact

On 1 October 2025, Türkiye introduced a new interactive drought map displaying provincial and district-level data from 1990 to 2025. Developed by Güven Fidan and his team at Istanbul Technical University ARI Technopark, the platform uses AI-based analysis and visualization to track drought severity and duration nationwide.

The free, color-coded tool helps citizens, farmers, and experts monitor regional drought risks, compare historical data, and support climate adaptation and water management efforts. (Daily Sabah, 1 October 2025,)

Your paragraph text



Mardin Metropolitan Municipality great actions for Zero Waste movement

On 15 October 2025, Mardin Metropolitan Municipality launched the Integrated Waste Management Plan to create a sustainable and efficient citywide waste system. Led by Governor Tuncay Akkoyun, the project aligns with Türkiye's Zero Waste Movement and aims to make Mardin cleaner, greener, and circular by 2050. (Mardin Metropolitan Municipality, 17 October 2025)

MLGP4 CLIMATE

Financing opportunities for SECAP actions

Get the financial boost your SECAP implementation

Open Calls

- ClimAccelerator 2025: Call for Start-Ups
- LAB: 2026 Call for Ideas
- Horizon Europe

LEARN MORE

Funding opportunities and calls

OPEN CALL

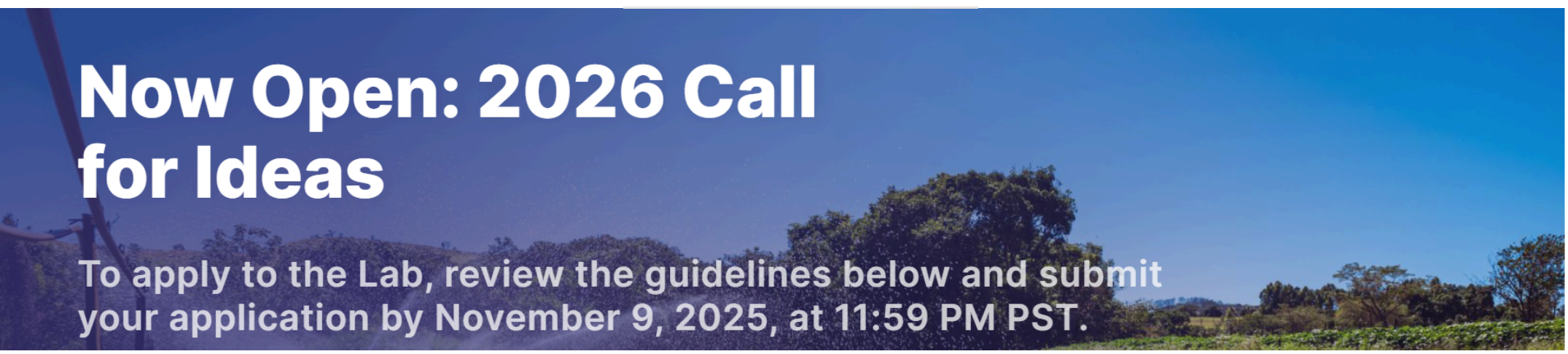
ClimAccelerator 2025: Call for Start-Ups

ClimAccelerator is a global programme for **start-ups to innovate, catalyse and scale the potential of their climate solutions**. We are turning cleantech start-ups into successful businesses and harnessing the power of human ingenuity to drive rapid impact and unlock a net-zero, resilient future for all. Over the past 15 years, our accelerator programme powered by Climate KIC has been a major climate innovation solution provider. We're scaling the globe to break new ground in carbon reduction, adaptation and resilience

MORE INFO

https://climaccelerator.climate-kic.org/programmes/?_sft_status_type_taxonomy=open-calls

Funding opportunities and calls



The Lab will select and develop eight innovative ideas to drive climate finance in 2026. This cycle will focus on regional programs, designed to draw on local expertise and address the unique financial and climate challenges

MORE INFO

Apply for the Global Innovation Lab for Climate Finance

Selected ideas will demonstrate the potential to solve barriers to unlock climate investment in emerging markets.

The Global Innovation Lab for Climate Finance

Funding opportunities and calls

Horizon Europe Energy: over €300 million available to fund new energy research projects

The European Commission has launched new calls for projects under Horizon Europe's 2025 Work Programme for Cluster 5.

European Climate / Sep 16

Deadline: 17 February 2026

Collaborate for Sustainable Future

We are committed to empowering the Covenant of Mayors municipalities in Türkiye and wider partner...

mlgp4climate.com /

Explore, learn, and act: the MLGP4Climate Library

MLGP4 CLIMATE

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MLGP Library

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- SECAP Assistance
- Guide SECAP
- FAQ
- SECAP Toolkits For Municipalities
- MLGP Library
- Capacity Building

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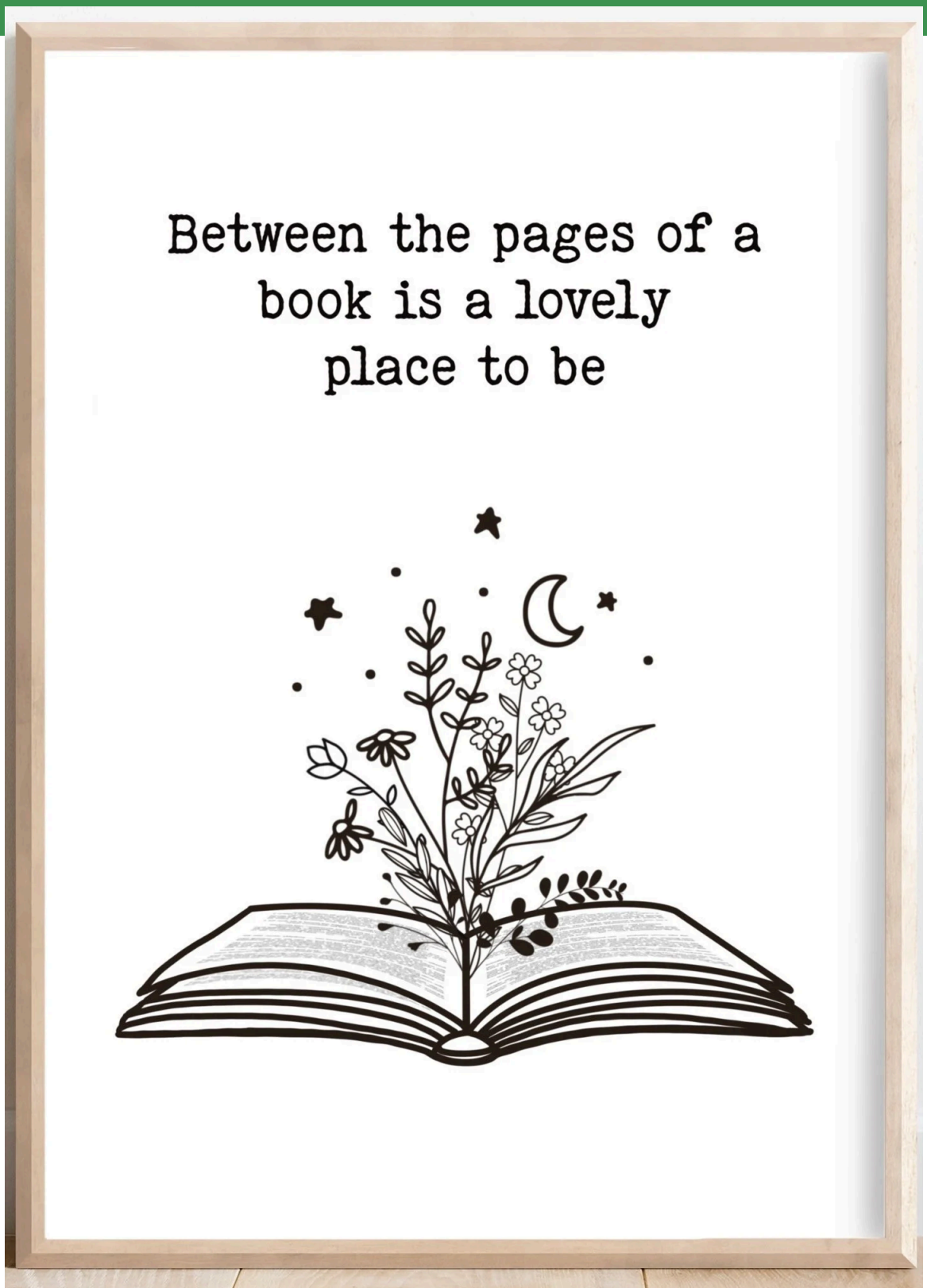
MLGP Library



The MLGP4Climate Library Reaches 1213 Resources!

Our knowledge base keeps growing! As of October 2025, the MLGP4Climate Library now hosts over 1213 resources — from international climate policies and SECAP guides to project toolkits, reports, and municipal best practices.

Explore our Library here!

MLGP Library

Home / MLGP Library

MLGP4
CLIMATE

Interesting to Read

OUR OCTOBER RECOMMENDATIONS

Aliabadi et al. (2025): Climate change may impairthe transition to a fully renewable energy system: A German case study

A recent Energy journal article titled “Climate Change May Impair the Transition to a Fully Renewable Energy System” explores how **rising temperatures, shifting wind patterns, and changing precipitation could affect renewable energy production**. Using advanced global modeling, researchers found that while renewable technologies remain viable, **climate-induced variability may reduce the reliability and predictability of energy systems—particularly in regions relying heavily on hydropower, solar, or wind.**

Why is this relevant for MLGP4Climate members?

this study highlights the importance of integrating climate resilience into local energy and SECAP planning. As municipalities across Türkiye invest in renewables, understanding how climate change can influence generation potential is key to designing adaptive, future-proof local energy systems and ensuring long-term sustainability.

EXPLORE IN THE MLGP LIBRARY

MLGP4 CLIMATE

Ma et al. (2025): Impact of public environmental participation on air pollution control: A dual examination of we-media attention and government environmental regulation

A recent study published in Sustainability titled “Impact of Public Environmental Participation on Air Pollution Control Efficiency” investigates **how citizen engagement and environmental awareness can enhance the effectiveness of air pollution management** across Chinese cities. Using spatial econometric analysis, the authors found that higher levels of public participation significantly improve pollution control outcomes, especially when combined with **transparent governance and environmental education.**

Why is this relevant for MLGP4Climate members?

This article is a valuable reminder that community participation is as crucial as technology or funding in achieving sustainable urban transformation. It underscores how active public engagement and communication strategies can strengthen local climate governance—an approach directly relevant to the participatory ethos of the MLGP4Climate network. 🌿

EXPLORE IN THE MLGP LIBRARY

Economidou et al. (2024): The role of European municipalities and regions in financing energy upgrades in buildings

A recent Environmental Economics and Policy Studies article titled “The Role of European Municipalities and Regions in Financing Energy Upgrades in Buildings” highlights **how local authorities across Europe are driving energy efficiency renovations through grants, subsidies, and innovative financing tools**, often supported by EU Cohesion Policy funds and the Covenant of Mayors framework.

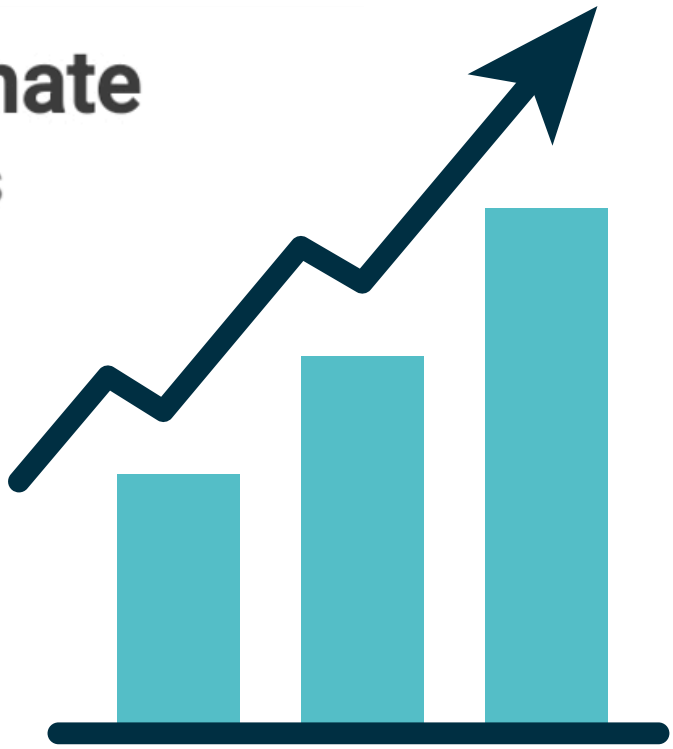
Why is this relevant for MLGP4Climate members?

This article offers practical insights on mobilising local and EU-level financing for building upgrades—showing how cities can lead the Renovation Wave and advance their SECAP goals through strategic multi-level cooperation.

EXPLORE IN THE MLGP LIBRARY

MLGP4Climate

3,200 followers



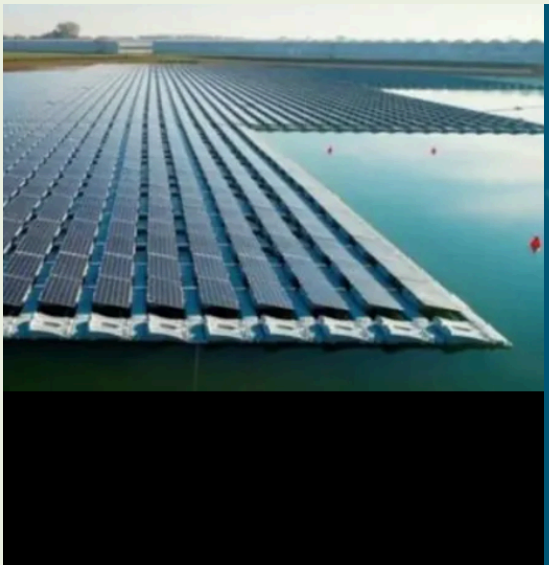
With your support, we have reached nearly 3,200 LinkedIn and 1032 Instagram Followers this month! Keep engaging with our posts to raise our visibility and make climate action a common matter!

MLGP4CLIMATE

1,172	1,032	410
posts	followers	following

MLGP4Climate Visibility

MLGP4Climate is keeping you updated and informed with 43 new posts on LinkedIn and Instagram October 2025!



Announcements from MLGP4Climate November 2025

- **17- 18 November 2025**

Baltic Sea Regional Forum for the EU Mission on Adaptation to Climate Change, Estonia

Register here:
htts://mission-adaptation.forum/#:~:text=10%20November%202025.-,Register%20here,-The%C2%A0EU

- Financial Toolkit for SECAP training with AI integration

- Financial Consultations for MLGP4Climate Members Upon Registration

  - New Calls
  - New Partnerships
  - New Library Entries

Our Note:

WE ALWAYS VALUE HEARING FROM OUR MEMBERS AND READERS!
IF YOU HAVE SUGGESTIONS, OR IDEAS FOR FUTURE EDITIONS, FEEL FREE TO REACH OUT TO US BY EMAIL: MLGP4CLIMATE@GMAIL.COM.
YOUR INPUT HELPS US GROW STRONGER TOGETHER AND KEEP MLGP4CLIMATE A PLATFORM SHAPED BY ITS COMMUNITY

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Use your voice, use your vote, use your choice

Al Gore

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THANK YOU FOR BEING A PART OF POSITIVE CHANGE

Cooperation makes us grow more connected, more knowledgeable and ultimately, more capable!