



MLGP4
CLIMATE

Monthly Bulletin September 2025



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"I want you to act as if the house is on fire, because it is."

Greta Thunberg

September Focus

Building Momentum Through Action - September marked new tools, global commitments, and fresh community energy for MLGP4Climate.

This month, our platform connected **local priorities with international momentum**. The **UN Climate Summit** in New York set the stage for renewed ambition, with Türkiye unveiling its revised NDC—a welcome but, like other countries' still improvable step toward the 2053 net zero goal. At the same time, MLGP4Climate spotlighted **awareness through the launch of Dr. Figen Ar's "Are We Aware?" video series**. **Innovation** took center stage with the introduction of a **ChatGPT-powered tool** developed by our **expert Doğukan Aycı**, now in testing to support municipalities directly in their SECAP processes. This forward-looking approach demonstrates how AI can accelerate local climate planning.

Meanwhile, our third coordination meeting reaffirmed the strength of our expert community: from approved SECAPs to new entries into and partnerships with the platform, **the network continues to expand and diversify**. Visibility is also on the rise, with MLGP4Climate surpassing **3,000 LinkedIn followers** and **1,000 on Instagram**—clear signs of growing reach and resonance. With these milestones, September underscored that **climate action is advancing not only through policies and plans but also through shared knowledge, creative tools, and collective commitment** across Türkiye and beyond. **We are excited to continue this journey with you and join efforts in our common aim for a sustainable and livable world.**

SEPTEMBER



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This month has been historic: the women's volleyball team reached the final of the 2025 FIVB World Championship for the first time ever. 🇹🇷

Meanwhile, the men's basketball team made it to the EuroBasket final, securing silver after a thrilling showdown. ❤️

Congratulations! We couldn't be prouder of their performances on the world stage. 🙌🌟



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1,169 posts 1,004 followers 410 following

MLGP4Climate | İklim ve Enerji için Yerelden Küresele
Herkes için iklim eylemi, enerji dönüşümü ve çok düzeyli
yönetişim ağı.



Thank you!



Thanks to you the
MLGP4Climate Instagram
account reached **1,000**
Followers this month!

Together, we will continue building a
network for climate action. ❤️



The EU Launches €188 Million Transport Call under Horizon Europe!



A major funding opportunity for sustainable transport is now open. Under Horizon Europe, the EU has launched a new call for projects in the transport and mobility sector.

📌 **What Can You Apply For?** The call supports projects across 16 thematic areas, including: Cross-sector climate transition solutions Clean and competitive transport systems Safe and smart mobility services

📌 **Who Can Apply?** Local authorities, universities, research institutions, technology companies, and sector actors are all eligible. From battery technologies to green shipping solutions, from transport logistics to road safety—innovative projects in all areas are encouraged.



Deadline: 20 January 2026



[More Details here](#)



Presenting: QR Sizing (RIA/IA) (Horizon Europe Proposal)

QR Sizing - Quantifying Resilience through Systems Innovation in Zoned Infrastructure and Nature-based Growth

#@APP-FORM-HERIAIA@ #List of participants

Part .N°	Participant organisation name	Country	Type ¹	Role
1	FHTW -University of AS Technikum Wien	AT	EDU	WP1 lead, Socio-Economy, Gender&Ethic man
2	VVV - Municipality of Vari Voula Vouliagmeni	GR	MUN	WP1&3-co lead, QR-Site lead
3	CMA - Asociația de Dezvoltare Intercomunitară Zona Metropolitană Cluj	RO	NPO	QR Site lead
4	CluBE – Cluster of Bioeconomy & Environ-ment of Western Macedonia	GR	NPO	Cluster partner, WP4 lead, , QR-Site lead
5	TREC - Asociația Cluster TREC - Transylvania Energy Cluster	RO	NGO	Research and technical partner of QR Sites
6	PLANET IDEA SRL	IT	IND	Social inno, ICT moni devi-ces, App features, QR Site
7	Eurac - Accademia Europea per la Ricerca Applicata ...	IT	RC	WP3 lead, Multi benefits, sLCA expertise, acc. QR sites
8	CSI	CY	NPO	Social Innovation, SSH experts
9	Domus - Sociedade Portuguesa de Inovação	PT	NPO	Task 2.1 lead, Intermediary QR Site
10	APB - Environment project management Agency	PT	NPO	Research and technical partner of QR Sites
11	EBB - Eskişehir Science Experiment Center and Sabancı Planetarium	TR/TU	MUN	QR Site lead
12	SP1			
13	KTU- University of xxx	LT	EDU	Circular Economy, Simulation, use case
14	LUAS - University of AS Lappland	FI	EDU	WP2 lead, Intermediary QR Site
15	REGEA	HR	NPO	Reg. Energy Agency, Interurban expertise
16	SAR - Sandbichler architekten zt gmbh	AT	SME	Lead of 2 QR sites

MLGP4Climate celebrates the involvement of Eskişehir Science Experiment Center & Sabancı Planetarium in this Horizon Europe Proposal!





Horizon Europe Proposal: QR Sizing (RIA/IA)

Title: Quantifying Resilience through Systems Innovation in Zoned Infrastructure and Nature-based Growth

What it's about: Demonstrating circular, nature-based and smart-building solutions in European districts to boost energy efficiency, comfort, and resilience.

Innovative idea: Digital tools and data-rich indicators for low-carbon renovations, integrating green roofs/walls, AI-enabled smart controls, and citizen engagement.

Consortium: Led by FHTW Technikum Wien with research institutes, clusters, architects, municipalities, and NGOs across Europe.

Partner in Türkiye: Eskişehir Science Experiment Center & Sabancı Planetarium — retrofitting a public education building with renewables and smart systems, while using it as a youth-focused climate learning hub.

Why it matters: Offers replicable retrofit packages and citizen co-design methods aligned with municipal SECAPs.

The active participation of Turkish municipalities and cooperatives in these ambitious projects is a strong sign that Türkiye is not only keeping pace with Europe's climate transition, but also shaping it with innovative, community-driven solutions.



Presenting: MOMENTUM (CL6 Governance) (Horizon Europe Proposal)

HORIZON-CL6-2025-03-GOVERNANCE-03::MOMENTUM

MOMENTUM - Multifunctional Organic Models Empowering Neighbours on urban/rural Territories with Unified Micro-farming

#@APP-FORM-HERIAIA@# List of participants

Part .N°	Participant organisation name	Country	Type ¹	Role	
1	APB - Environmental Project Management Agency	LT	PI	Exploitation, Diss. & communication in WP1 coordination	
2	ELLER - Sınırlı Sorumlu Beypazarı Kınalı Eller Lezzet Atölyesi Tarımsal Kalkınma Kooperatifi	TR	NPO	Female cooperative, Use case	
3	FHTW -University of Applied Sciences Technikum Wien	AT	EDU	WP4 & WP6 lead, Socio-Economy, Gender & Ethic man	
4	BOKU - University of Natural Resources and Life Sciences, Vienna	AT	EDU	Policy pathways -> environmental & botanical challenges, advancing bioeconomy reporting.	
5	CluBE – Cluster of Bioeconomy & Environment of Western Macedonia	GR	NPO	Cluster partner, Use Case	
6	TREC -Asociatia Cluster TREC -Transylvania Energy Cluster	RO	NPO	Cluster partner, WP2&5 lead, Use case	
7	Centria University of Applied Sciences	FI	EDU	Finnish Use case developer and owner, research partner with digitalization etc. Apps, Tools and System development skills	
8	T2M - Tech2Market	PL	SME	Exploitation, Diss., & communication man. WP9	
9	Sol-Inter - Nazioarteko Elkartasuna-Solidaridad Internacional	ES	NGO	Internat. Relation, Use case	
10	KTU- University of Kauno Technologijos Universitetas	LT	EDU	Circular Economy, Simulation	
11	CMA-Zona Metropolitana Cluj	RO	MUN	WP7&8 lead, Use Case lead, political Representative	
12	PLANET IDEA SRL	IT	IND	Dig. Social innovation, ICT moni devices, App features	
13	REGEA	HR	NPO	Reg. Energy Agency, Interurban expertise	
14	Mabewo	CH	SME	Container development, Licence owner	
15	MH – Dr. Michael Hans Heidenreich	AT	SME	PV planner and distributor via KW Solartechnik	

MLGP4Climate celebrates the involvement of ELLER - Sınırlı Sorumlu Beypazarı Kınalı Eller Lezzet Atölyesi Tarımsal Kalkınma Kooperatifi in this Horizon Europe Proposal!





Presenting: **MOMENTUM (CL6 Governance) (Horizon Europe Proposal)**

Title: Multifunctional Organic Models Empowering Neighbours on Urban/Rural Territories with Unified Micro-farming

What it's about: Developing aquaponics, aeroponics, Agri-PV and urban gardening to connect food, water, and energy solutions at community level.

Innovative idea: Modular, PV-powered micro-farming units with sensor-based monitoring, benchmarked across Europe to support replication.

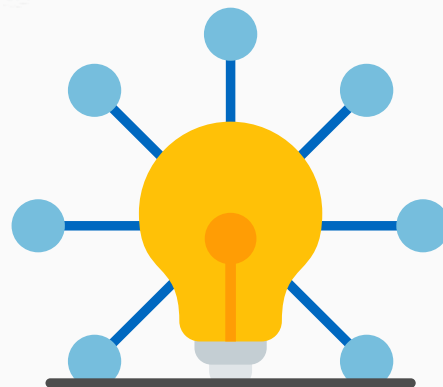
Consortium: Coordinated by MLGP4Climate partner APVA from Lithuania with universities, SMEs, NGOs, and municipalities from multiple EU countries.

Turkish partner: Beypazarı Kınalı Eller Women's Cooperative (Ankara) — piloting aquaponics and Agri-PV to create women's employment, strengthen local food security, and showcase rural climate resilience.

Why it matters: Scalable model linking urban agriculture, social inclusion, and municipal climate strategies.

The inclusion of the Beypazarı Kınalı Eller Women's Cooperative demonstrates how Türkiye is bringing forward community-led, women-driven models into Europe's innovation space. This participation highlights Türkiye's role in shaping resilient food-energy-water systems while promoting social inclusion and local empowerment.

COMING SOON



Upcoming Workshop on “Nature-based Solutions and other Adaptation Practices for SECAP” by Alejandro Jimenez Hernandez



We are excited to announce that the MLGP4Climate Platform is preparing a workshop with **Alejandro Jimenez Hernandez**, an international expert with over 20 years of experience in climate change adaptation. He has worked with the World Bank, IUCN, UNDP, UNEP, and FAO, supporting governments and civil society worldwide in designing ecosystem- and community-based adaptation initiatives, including nature-based and hybrid solutions. Currently a Senior Expert in Adaptation and Nature-Based Solutions for the Global Covenant of Mayors for Climate and Energy, Alejandro supports 17 cities across 8 countries.

In this newsletter, we are pleased to share highlights from his earlier presentation on “Nature-Based Solutions and Other Adaptation Practices for SECAP” during the EU4Energy Transition project.

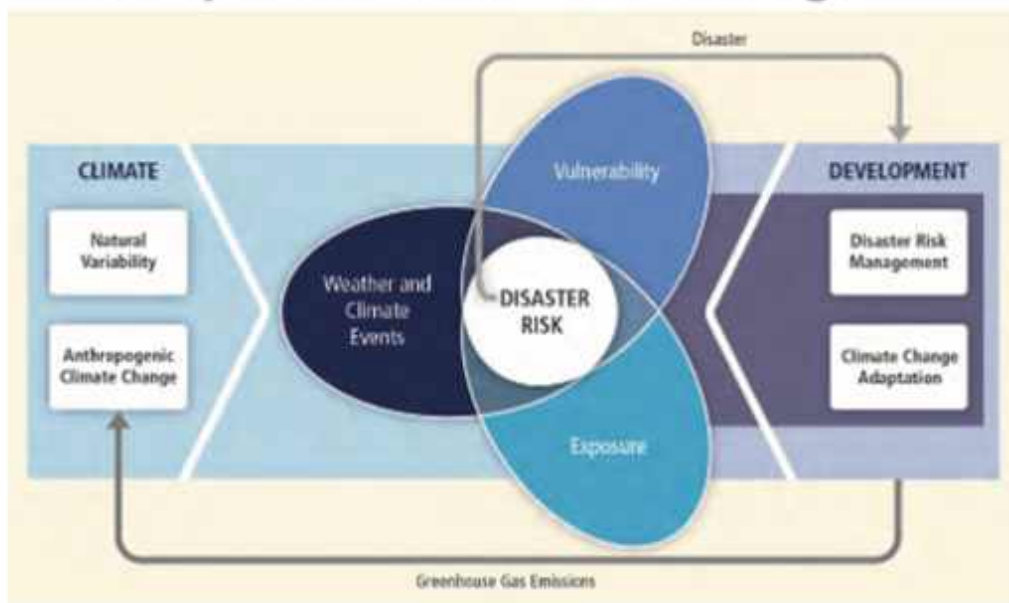
Stay tuned—full details of the workshop will be posted soon on our social media channels and website!

Presentation “Nature-based Solutions and other Adaptation Practices for SECAP” by Alejandro Jimenez Hernandez

 Funded by the European Union



Understanding climate Risk and Adaptation to Climate Change



Adaptation & Mitigation: synergy

Adaptation options: aligned with: *national & local Disaster Risk Reduction Strategies* –; Adaptation Target: aligned w/ NDCs & NAPs;

Adaptation options:

- Infrastructure,
- Nature-based Solutions
- Hybrid

 Funded by the European Union

Ecosystem services and Services to Ecosystems

RECIPROCITY

Cornerstone of NbS in urban areas

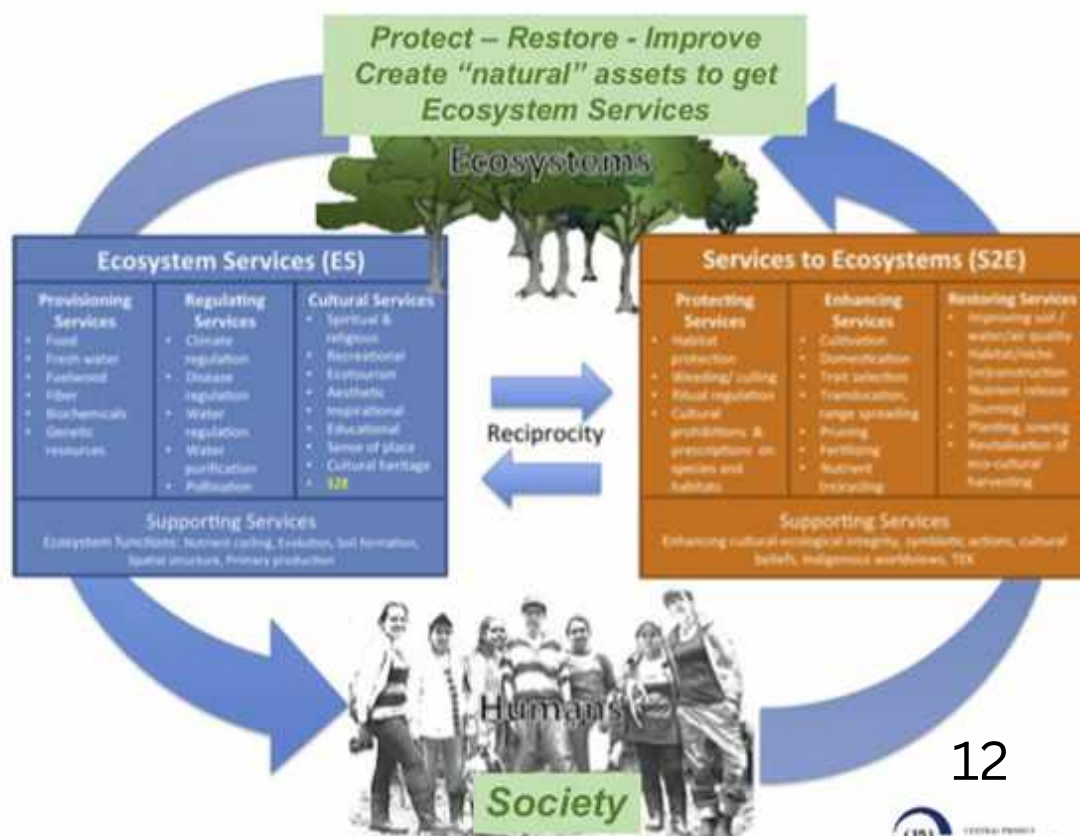


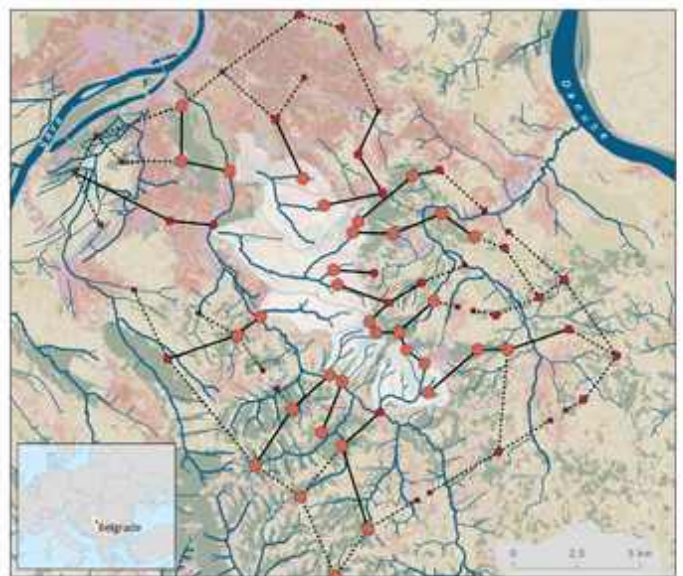
Fig. 1. A revised framework showing the ES-S2E loop of reciprocity.

Presentation “Nature-based Solutions and other Adaptation Practices for SECAP” by Alejandro Jimenez Hernandez

SECAP approach to Risk & Vulnerability Assessment –

(1) *A spatially explicit approach:*

TIP: “mapping” e.g. flood models – flood maps: identify vulnerability hotspots.



(2) *An Indicator-Based Assessment:*

a vulnerability “score”

Analysis of the city:

TIP: identify climate hazards; select vulnerability indicators; Generate a vulnerability score – for each hazard.

Designing adaptation actions including NbS

- ❖ SECAP: Adaptation Actions (AA) suggested template
- ❖ TIP: AA designed to respond to climate hazards with higher impacts;
- ❖ TIP: Consider AA infrastructure, NbS or Hybrid;
- ❖ TIP: collect all data available: a climate-risk profile, hazard maps and data on climate & environment;



Presentation “Nature-based Solutions and other Adaptation Practices for SECAP” by Alejandro Jimenez Hernandez

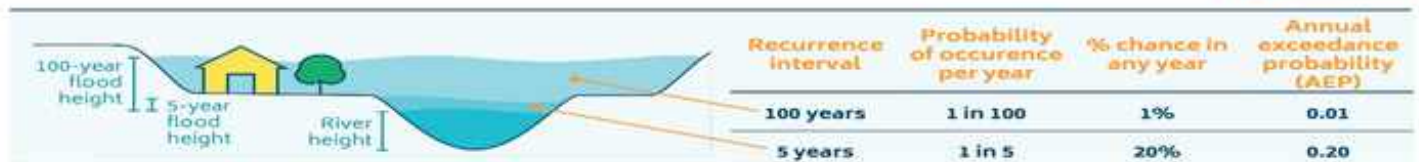
 Funded by
the European Union

 CENTRAL PROJECT
MANAGEMENT AGENCY

Information and data we need

TIPS for designing Adaptation Actions:

- ❖ Define adaptation targets: NDCs & NAPs;
- ❖ Climate risk profile;
- ❖ Climate risk maps: zones at risk
- ❖ Data on weather & hydrology: weather extremes;
- ❖ A history of climate risk;
- ❖ Climate change analysis;
- ❖ Environmental profile;
- ❖ Ecosystem services;
- ❖ Cost-benefit analysis;



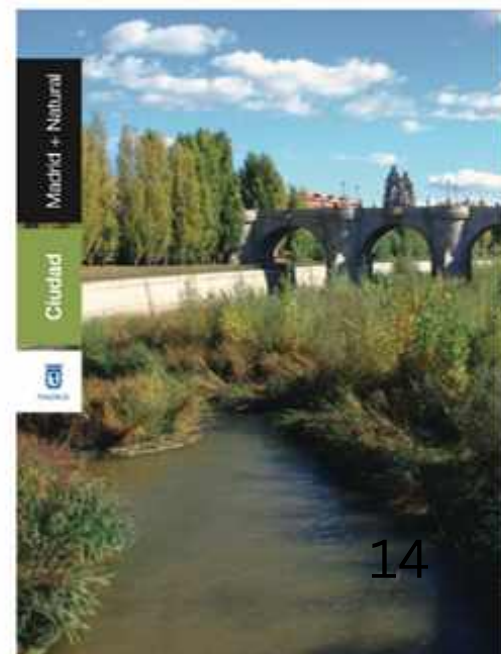
 Funded by
the European Union

 CENTRAL PROJECT
MANAGEMENT AGENCY

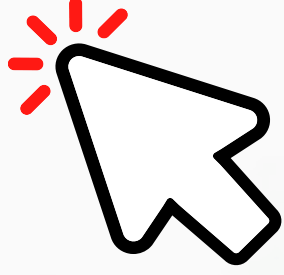
Example 1: Madrid, Spain – Green infrastructure & biodiversity plan Local CCA Strategy: 17 NbS

Restoring the Manzanares riverside:

1. Opening dams: sedimentation: marsh vegetation & riverside trees;
2. New habitat emerged, river: green corridor;
3. Removing sections of breakwater
4. Planting 15,000 trees to connect 2 large parks
5. A bicycle lane & recreational areas are built;



See the full Presentation “Nature-based Solutions and other Adaptation Practices for SECAP” by Alejandro Jimenez Hernandez in the MLGP4Climate Library!



+90 537 747 62 69

mlgp4climate@gmail.com

EN / TR



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SECAP Masterclass 9. Hafta Alejandro Jimenez Sunumu (Türkçe, İngilizce...

Home / MLGP Library / SECAP Masterclass 9. Hafta Alejandro Jimenez Sunumu (Türkçe, İngilizce) - 4 Mart 2025




EU Covenant of Mayors Ceremony 2025 | 16 October 2025

On 16 October 2025, the European Parliament in Brussels will host the EU Covenant of Mayors Ceremony, bringing together mayors, regional leaders, and EU decision-makers at a decisive moment for Europe's climate and energy future.



The event will highlight how towns and cities are driving clean and affordable energy, local resilience, and a secure Europe. High-level speakers include Ursula von der Leyen, Roberta Metsola, Kata Tüttő, Raffaele Fitto, and mayors from across Europe. The Ceremony will also celebrate the 2025 EU Covenant of Mayors Award for outstanding municipal achievements in decarbonising heating and cooling.

 **While registrations are now closed, the outcomes will guide the next chapter of municipal climate and energy action across Europe.**





The UN Climate Summit 2025

On September 24, more than 100 heads of state and national leaders convened in New York at the UN Climate Summit to announce new climate commitments and call for accelerated global action ahead of COP30.



What is the UN Climate Summit?

The UN Climate Summit is a high-level meeting convened by the UN Secretary-General during the UN General Assembly in New York. It is not a negotiation forum like the COP but a platform where world leaders, cities, businesses, and civil society announce new commitments and partnerships to cut emissions, boost adaptation, and mobilize climate finance. It serves to raise global ambition and build momentum ahead of formal COP negotiations.



Ulusal Katkı Beyanı (NDC), Paris Anlaşması taraflarının iklim kriziyle mücadelede etkin rol alacaklarına dair verdikleri taahhüdü temsil eder.

During the summit, Türkiye announced its new Nationally Determined Contribution (NDC), marking an important step in the country's climate policy. Here are some key points:

Emission Trends:

While annual emissions grew 3% on average over the past 30 years, the new reference scenario foresees a 6% rise—twice the historic pace.

2035 Target:

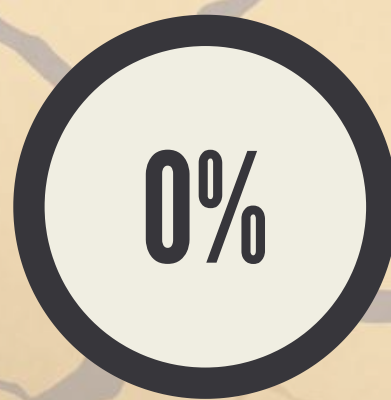
Türkiye pledges to reach 643 Mt CO₂e by 2035, with annual growth limited to 1.3%. Experts note this remains close to a “no-action” path.

Improvement but Limited:

The projected increase is reduced from 9% in the previous NDC to 6%—a positive adjustment, though not yet aligned with net zero.



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To achieve net zero by 2053, emissions would need to decline by 10–12% annually after 2035—a pace far steeper than the 7% drop seen globally during the COVID-19 pandemic. Currently, Türkiye stands at rank #53 in the Climate Change Performance Index.

Türkiye's new NDC is a welcome step and so are the ongoing efforts—but it is not aligned with the 2053 net zero target yet. To achieve net-zero, either the goals need to be revised or far more ambitious policies need to be implemented.

 ***The climate crisis
won't wait.
The time to act is
now.***



FARKINDA MIYIZ

İKLİM DEĞİŞİKLİĞİNDEN BÜYÜKBAŞ HAYVANLAR MI
SORUMLU ?



“Are we aware?” *Climate Realities with Dr. F. Figen Ar*

With over 41 years of expertise in the energy sector, our esteemed expert Dr. F. Figen Ar has voluntarily prepared the “Are We Aware?” video series, presenting the true causes of climate change through data-driven insights. 👉 We are delighted to share the first video of this special awareness series with you. The full series will also be published on our website soon.

🌿 According to official TÜİK statistics, the energy sector is the primary driver of climate change. While cattle farming is often highlighted in public debates, the technical data clearly shows that energy-related emissions hold the largest share.

🙏 We extend our sincere thanks to Dr. Figen Ar for her voluntary contribution!





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Growing Together: Ayrancım Association in Talks to Join MLGP4Climate

MLGP4Climate continues expanding cooperation networks. We are currently in talks with the **Ayrancı District Urban Culture and Solidarity Association (Ayrancım Association)**, which will officially join us next month. Based in Ankara, Ayrancım unites residents from several neighborhoods to promote participatory, democratic, and sustainable urban life

With strong experience in **green space protection, waste management, and community-led climate initiatives**, Ayrancım is known for its project on Nature-Based Solutions Against the Urban Heat Island in Ayrancı, linking local challenges with practical climate solutions

Their upcoming participation will add fresh community-driven perspectives to MLGP4Climate, reinforcing our shared efforts to develop international projects and share hands-on experiences.

With Ayrancım on board, MLGP4Climate not only grows in numbers but also strengthens its community-driven voice in the fight against climate change.





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&



yeni nesil
şehircilik

Expanding Partnerships: Yeni Nesil Şehircilik Derneği (*New Generation Urbanism Association*) in Talks to Join MLGP4Climate

MLGP4Climate continues to expand its cooperation networks. We are currently in talks with the **Yeni Nesil Şehircilik Derneği** (New Generation Urbanism Association), which will officially join our platform next month. Based in Bursa, YNŞ promotes **innovative, inclusive, and sustainable urbanism with a strong focus on climate-sensitive city policies and Sustainable Energy and Climate Action Plans (SECAPs)**.

Founded in 2024, YNŞ is already developing projects on climate-neutral urban regeneration, renewable energy initiatives, and nature-based solutions to urban heat islands. Their upcoming participation will bring fresh expertise in climate policy, capacity development, and international cooperation, adding strong momentum to MLGP4Climate's shared mission of building resilient, future-ready cities.

By joining MLGP4Climate, YNŞ brings the energy of a new generation of urban thinkers, ensuring that community voices and innovative ideas are at the heart of our collective climate action.





**COMING
SOON**

New ChatGPT Tool for SECAP Support

The MLGP4Climate team has an excited announcement to make: **A ChatGPT-based tool, developed by our expert Mr. Doğukan Aycı is currently being tested to support municipalities with their SECAP processes.** The tool is designed to answer practical questions, such as which emission items should be included in an inventory, or how to approach different sections of SECAPs. Early trials have already shown that it can provide **detailed, supportive guidance** for municipal teams working on climate planning.





🔍 At the moment, the tool is in a testing phase. Experts are reviewing its answers to ensure accuracy and usefulness before it is rolled out more widely. Once finalized, it will be shared across the MLGP4Climate Platform, offering municipalities a fast, user-friendly way to access technical knowledge and improve their climate action planning.

💡 This innovation shows how AI can become a valuable ally for local governments in Türkiye and beyond, making climate action more accessible, efficient, and data-driven.

Stay tuned — the official launch is coming soon!



The Third MLGP4Climate Experts Coordination Meeting 12 September 2025

 EXPERT

On 12 September, the MLGP4Climate expert team reconnected online to celebrate summer achievements and spark ideas for the busy months ahead.



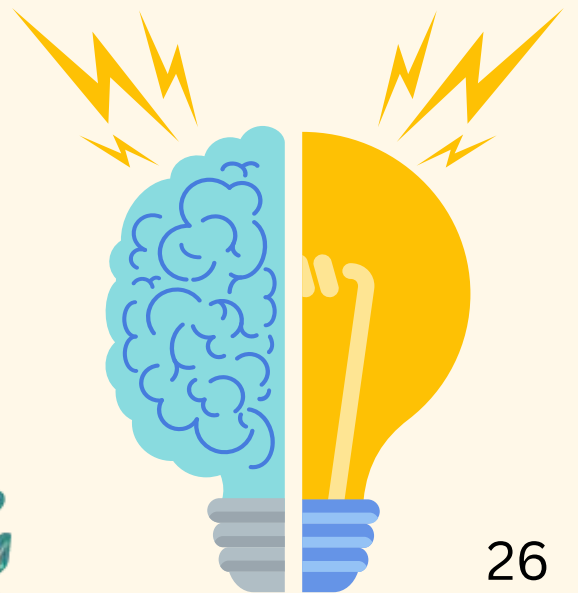
The Third MLGP4Climate Experts Coordination Meeting

12 September 2025

The Antalya “Green Missions for Climate Finance” training shone as a highlight — rated a full success by participants, featured in local media, and a big boost for the platform’s visibility. August also brought new milestones: Tokat Municipality joined the platform, Balıkesir’s SECAP was approved, and fresh partnerships with APVA and the Healthy Cities Association moved forward.

Experts added new energy with creative contributions, from a **ChatGPT-based SECAP Guidebook** to **campaigns linking agriculture and climate**, while setting plans to reach out to municipalities in all regions of Türkiye and expand the library with resources on Türkiye’s new Climate Law.

With visibility on the rise and plenty of fresh ideas on the table, the meeting once again showed our experts’ commitment and drive to take MLGP4Climate to the next level.



Presentation by Arda Deniz Aksular

12 September 2025



Governance and Coordination



Evaluation Results of the Capacity Building in Antalya in August 2025



Capacity Building: Evaluation



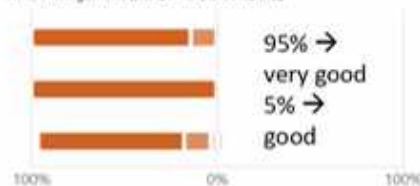
Please evaluate the training according to criteria below:

Very good Good Medium Bad Very bad

Content quality (depth of presentation and narration, etc.)

Interactivity (communication, participation, answers to questions, tools used, etc.)

Time management (start, finish, breaks, etc.)



What is your assessment of the general environment of training?

After this training, do you feel like you are at the right place to start developing projects?

Presentation by Daiva Matonienė

12 September 2025



MLGP4Climate Platform Progress in August 2025



- New Members of MLGP4Climate – Tokat Municipality & the Environment Project Management Agency of Lithuania (APVA)
- 22 August 2025 Workshop in Antalya – Sustainable Urban Mobility: A Key Component for SECAP implementation
- Presenting the Financial Attraction Toolkit - From Innovation to Finance
- 27–28 August– GM4Finance & MLGP4Climate Training
- Cooperation Meeting with Türkiye Sağlıklı Kentler Birliği
- Technical Consultation with Narlıdere Municipality
- AI x City Climate Action Hackathon 2025
- Looking Ahead – September Activities and Plans



3

Sustainable Urban Mobility: A Key Component for SECAP Implementation

The Financial Attraction Toolkit - From Innovation to Finance



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MLGP4Climate Workshop – 22 August 2025

80+ municipalities & organizations joined to explore:

- Dr. Kristina Gaučė: role of sustainable mobility in SECAPs—walking, cycling, public transport, plus challenges with parking & speed policies
- Daiva Matonienė/MLGP4Climate: financial programs & tools, stressing communication, collaboration & local ownership

👉 Call to action: Municipalities to engage with MLGP4Climate & use the toolkit to unlock climate finance.



Presentation by Abdolvahap Sevim

12 September 2025

MEDIA & SOCIAL MEDIA

- ❑ Antalya press: strong MLGP visibility
- ❑ Social media growth: LinkedIn 3,060+, Instagram 920+
- ❑ New newsletter format: headlines, gender & climate finance highlights



ANTALYA BELEDİYESİ

Yeşil İşbirliği

Bölgesel Belediyeler Birliği koordinatörlüğünde ve Çevre, İklim ve Enerji Bakanlığı desteğiyle yürütülen Green Mission for Climate Finance (G4MFinance) Projesi kapsamında, Antalya'da 'Yeşil Akademi' Belediyeler için İklim Finansmanı Okuma Salonu' açılmış ve gerçekleştirilmiştir.



MLGP4Climate growing Reaches 3,060
Followers on LinkedIn As well as 920
Followers on Instagram!

Visibility

NEXT STEPS

- ❑ Short-term (Sept 2025): NY Climate Week, SKB cooperation, campaign
- ❑ Medium-term (late 2025 – early 2026): AI-driven SECAP, funding guidance, membership growth
- ❑ Long-term: CoM Türkiye Secretariat, permanent financing bridge platform



Driving a citizen-led energy
transition

CITIZEN
ENERGY



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Funding and Finance
for Municipalities
A Hands-on Guidance to Improve Project Funding



Presentations, 3rd MLGP Expert Coordination Meeting

12 September 2025



Capacity Building

IP4Demi

→ Training in Climate4Finance Project
→ 27-28 August, Hybrid Antalya Training

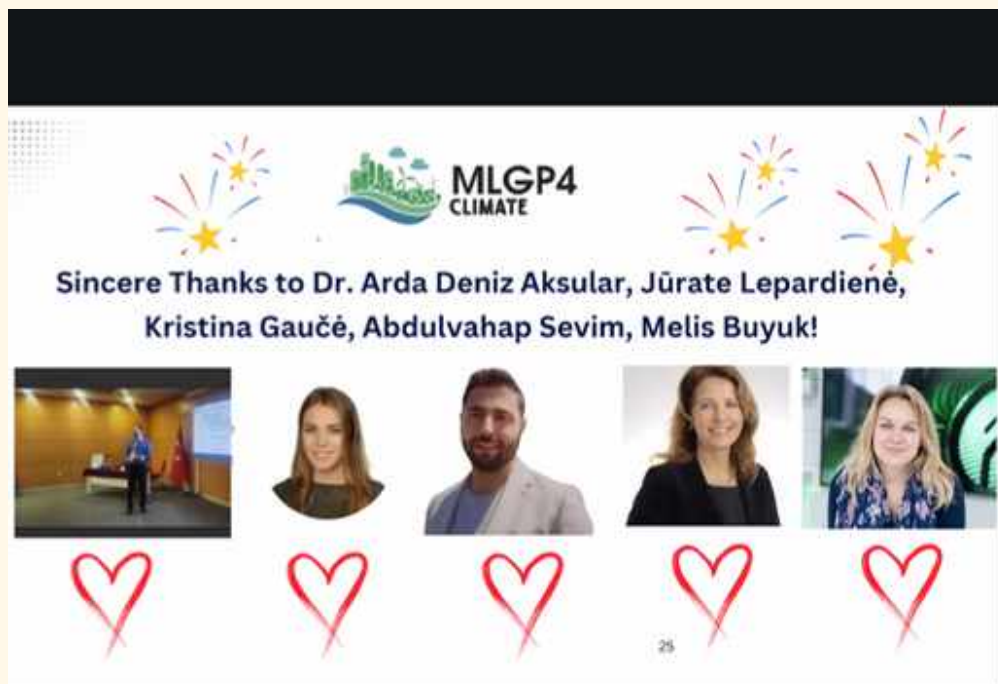
Trainings
Financial toolkit
Capacity Building

Arda Deniz Aksular



Participants in the video call:

- Melis Büyük
- Daiva Matoniene
- Figen AR
- Jurlep
- Arda Deniz Aksular
- Ilksen Yücel
- Arif Künar
- Serdar Karaduman
- Tuncer Demir - Kula-Salih...
- Uzay Vardar
- Kristina Gaučė
- vahap sevim
- read.ai meeting...
- read.ai meeting notes
- Local Expert



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Sincere Thanks to Dr. Arda Deniz Aksular, Jūrate Lepardienė,
Kristina Gaučė, Abdulvahap Sevim, Melis Buyuk!

Arda Deniz Aksular

Jūrate Lepardienė

Kristina Gaučė

Abdulvahap Sevim

Melis Buyuk

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Participants in the video call:

- Ilksen Yücel
- Uzay Vardar
- read.ai meeting...
- read.ai meeting notes
- Local Expert

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*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.*

Minister of Energy and Natural Resources Bayraktar spoke at the 14th Turkish Wind Energy Congress:



5 September 2025,
Anadolu Ajansı, Turkish
[Read here](#)

At the 14th Türkiye Wind Energy Congress, Energy Minister Alparslan Bayraktar announced new YEKA auctions in late 2025 for 2,000 MW of renewable capacity, including Türkiye's first floating solar plant in Manisa. He emphasized that wind and solar have expanded from near zero in 2002 to 37,118 MW today, now 31% of installed capacity and part of a broader 61% renewable share. These investments cut gas imports, prevent 12.5 million tons of CO₂ annually, and support the 2035 Renewable Energy Roadmap, which also requires \$28 billion in new grid infrastructure and faster approval processes.



Türkiye repurposes idle coal mines for renewable energy and reforestation

22 September 2025,
Anadolu Ajansı,
Turkish [Read here](#)

Türkiye is turning idle coal mines into hubs for clean energy and reforestation. The state-run Turkish Coal Enterprises has already built two 5 MW solar plants in Soma (Manisa) and Çan (Çanakkale), together producing 18 million kWh annually for its own use, and plans to expand solar capacity to 24 MW by 2026 with new projects in Tavşanlı (Kütahya) and Afşin (Kahramanmaraş). Alongside solar power, the agency is restoring mine lands through large-scale tree planting—over 12 million trees on 6,265 hectares in 2024 alone—cutting carbon emissions and supporting Türkiye's 2053 net zero targets. This dual approach positions the country as a regional example in linking renewable energy with ecological rehabilitation.

Air pollution can affect how well we sleep, scientists discover

19 September 2025,
The Guardian, English
[Read here](#)



A global review of 25 studies with 1.2 million participants found that long-term exposure to air pollution significantly reduces sleep quality, particularly among older adults. Lowering pollution levels was shown to reduce the risk of poor sleep, while indoor sources such as heating with solid fuels were also linked to insomnia and shorter sleep. Researchers emphasize that clean-air policies must address both outdoor and indoor sources, as improving air quality not only protects health but also supports better sleep and resilience.

'It's the best feeling': how Copenhagen gave cyclists a green wave



26 September 2025,
The Guardian, English
[Read here](#)

Copenhagen is expanding its pioneering “green wave” system, which synchronizes traffic lights so cyclists riding at 20 km/h can hit continuous greens during rush hour. First piloted on Nørrebrogade, the system will now cover 15 more routes under a new €70 million cycling package that also funds the country’s longest bike bridge and improved lane lighting. Officials say the scheme encourages commuters to leave cars behind, cutting congestion, emissions, and air pollution. While crowded lanes and trade-offs with car traffic pose challenges, Copenhagen’s model shows how smart traffic management and investment in cycling infrastructure can make bikes the fastest, cleanest option—an idea other cities, including those in Türkiye, are increasingly exploring.



Fossil fuel burning poses threat to health of 1.6bn people, data shows

24 September 2025,
The Guardian, English
[Read here](#)

A new Climate Trace map reveals that fossil fuel facilities are not only driving global warming but also endangering the health of 1.6 billion people through toxic air pollution. About 900 million live near “super-emitters” such as coal plants, refineries, and mines that release dangerous PM2.5 particles, linked to 8.7 million deaths annually. Cities like Karachi, Guangzhou, Seoul, and New York are among the worst affected. The tool, now publicly available, tracks pollution plumes via satellites to identify at-risk communities. For countries like Türkiye, where coal and fossil fuels remain in the mix, the findings highlight the dual climate and health benefits of accelerating the transition to cleaner energy.

'Something is working': UN climate chief optimistic about green transition

UN climate chief Simon Stiell says countries’ new pledges will fall short of the Paris 1.5°C goal, but the economic benefits of green transition make faster action inevitable. With global clean investments topping \$2 trillion last year—twice fossil fuels—he points to China’s boom in renewables and EVs as proof. While the EU and others have offered weaker targets, Stiell warns that the costs of inaction—soaring prices, uninsurable homes, deep recessions—are far greater, urging leaders to see climate action as an economic opportunity, not just a necessity.

20 September 2025,
The Guardian,
English
[Read here](#)



Wildfire smoke will kill nearly 1.4m each year by end of century if emissions not curbed - study

18 September 2025,
The Guardian,
[English Read here](#)

New research warns that wildfire smoke could kill up to 1.4 million people annually worldwide by 2100 if emissions are not curbed, with the U.S. alone projected to see over 70,000 deaths per year by 2050—nearly double today's toll. Smoke particles (PM2.5) are highly toxic, causing severe respiratory and heart problems, and their impacts are already being felt across continents, from Canada to Europe. Africa is expected to be hardest hit, facing an elevenfold increase in deaths. Scientists stress that while cutting emissions is vital long term, immediate action must also focus on fuel management and better protection against smoke exposure.

Only a third of world's river basins experienced normal conditions in 2024

18 September 2025,
The Guardian, English
[Read here](#)

A UN report finds that only a third of the world's river basins had normal conditions in 2024, as climate change drove severe droughts, floods, and record glacier loss. The disrupted water cycle is worsening food insecurity, prices, displacement, and conflict. Experts urge governments to cut emissions, restore wetlands, improve water storage, and invest in early warning systems before costs spiral further.

Turkey's nearshoring boom comes with a climate catch

20 September 2025,
Reuters, English
[Read here](#)

Türkiye's nearshoring boom is drawing manufacturers from Europe with its skilled workforce, strong logistics, and low energy costs—but at a steep climate price. Subsidized electricity has kept industrial power prices far below Europe's, fueling a surge in energy-intensive industries like cement and chemicals, and pushing Türkiye's CO₂ emissions above Germany's to make it Europe's top power polluter in 2025. While this shift boosts exports and jobs, it also locks in higher emissions and air pollution risks. For municipalities and policymakers, the challenge is balancing economic gains from industrial growth with the urgent need to accelerate the clean energy transition and avoid becoming a global emissions hotspot. (Opinion Piece)



Collaborate for Sustainable Future

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

 [mlgp4climate.com /](http://mlgp4climate.com/)

✨ *Explore, learn, and act: the MLGP4Climate Library brings climate solutions right to your fingertips.*



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Dive into the MLGP4Climate Library – a treasure chest of nearly **1,150 resources! From hands-on toolkits to forward-looking policy briefs, it empowers you to lead on climate, seize financing opportunities, and turn bold ideas into real impact.**



***Explore our
Library here!***



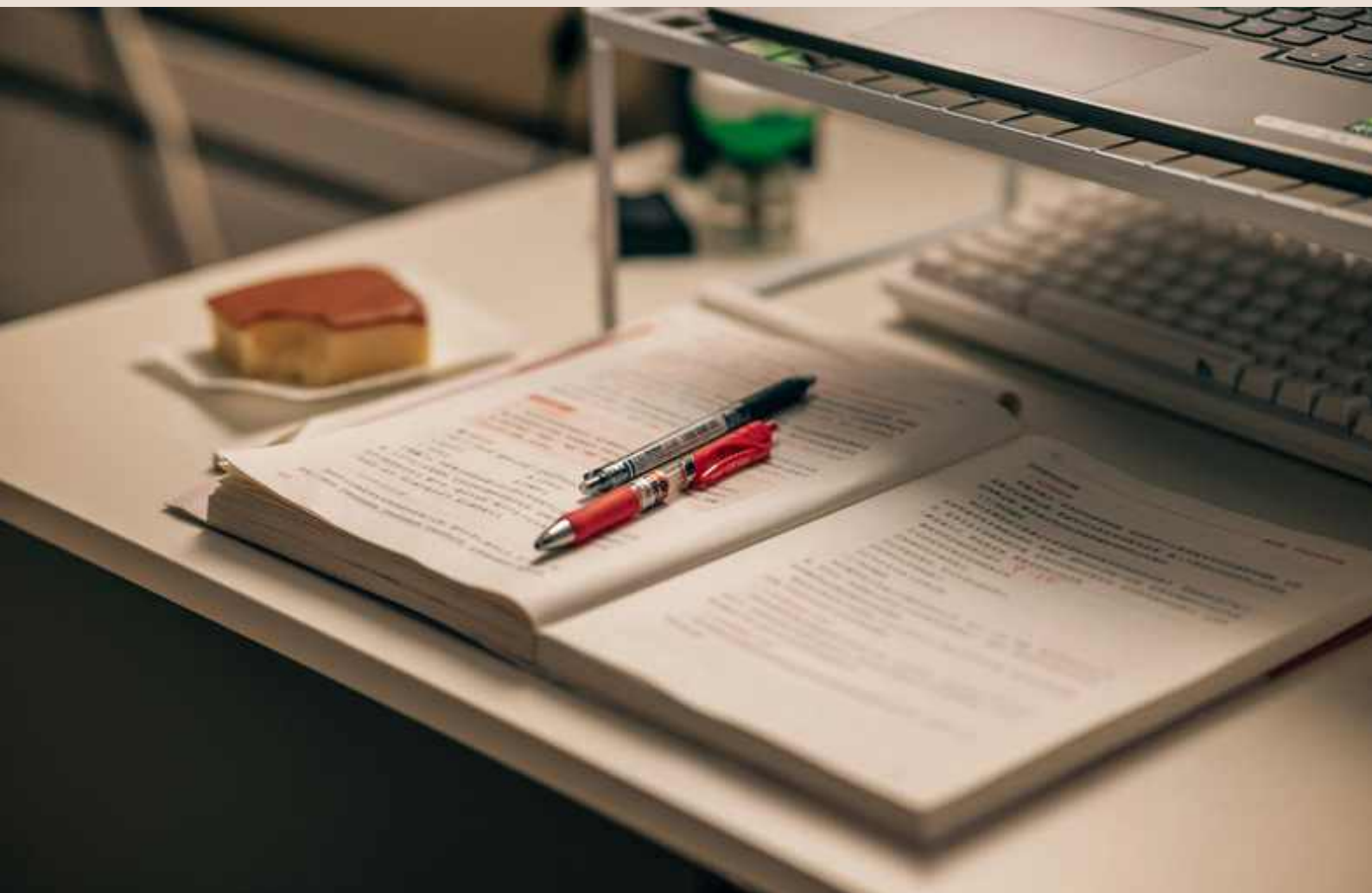


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Interesting to Read

OUR SEPTEMBER RECOMMENDATIONS

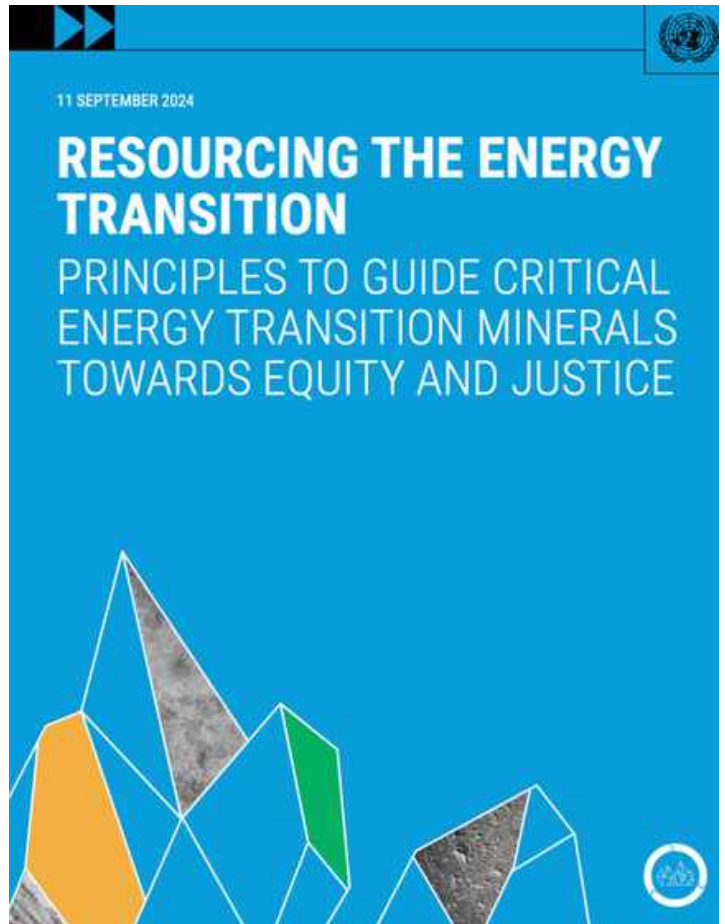
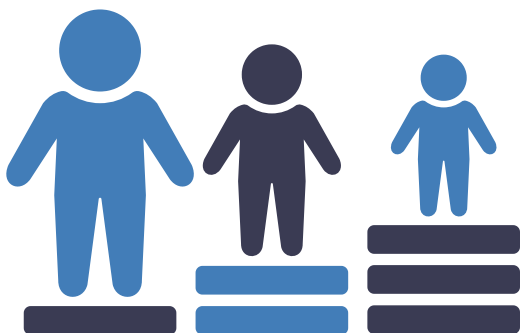




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The UN Secretary-General's Panel on Critical Energy Transition Minerals (2025)

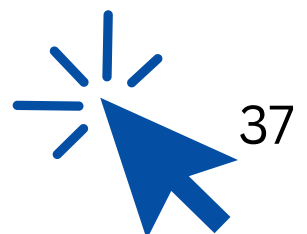
This landmark UN report lays out seven guiding principles for managing critical energy transition minerals—such as lithium, cobalt, copper, and rare earths—at the heart of renewable technologies. It emphasizes human rights, environmental protection, equity, and responsible value chains while offering actionable recommendations like global traceability frameworks, support for artisanal miners, and circular economy targets

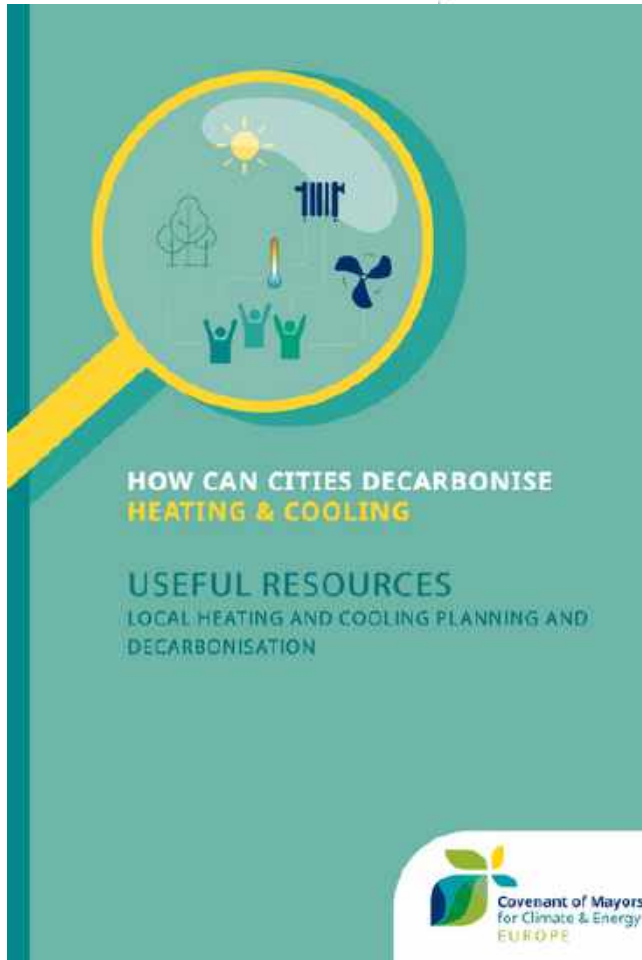


Why is this relevant for MLGP4Climate members?

For municipalities, understanding these global principles is crucial: renewable deployment in Türkiye relies on minerals sourced worldwide. The report shows how justice, transparency, and fair finance in mineral supply chains directly shape the accessibility and sustainability of clean energy solutions.

EXPLORE ON
THE UN
WEBSITE





How Can Cities Decarbonise Heating & Cooling – A Structured Summary of Useful Resources (2024)

This EU resource hub compiles initiatives, guidelines, case studies, and toolkits to support municipalities in planning and decarbonising local heating and cooling systems. It covers the full cycle—from commitment and mobilisation, to mapping, scenario planning, and implementation—while aligning with new EU obligations under the Energy Efficiency Directive.

Why is this relevant for MLGP4Climate members?

Heating and cooling account for a large share of municipal emissions, and efficient planning is now a legal requirement for many cities. This summary offers practical pathways, from citizen engagement to financing models, that municipalities in Türkiye can adapt as they develop SECAPs and prepare for future EU-aligned obligations.

EXPLORE ON
THE COM
WEBSITE





From Past to Present: Forestry Policies in Turkey (1923–2024)

This comprehensive study, co-authored by our MLGP4Climate expert Tuncer Demir and by Seçkin Çakmak, traces the evolution of Turkey's forestry policies across a century. It examines shifts from early state-led conservation and rural development, through neoliberal reforms, to today's sustainability- and climate-focused governance frameworks.

Why is this relevant for MLGP4Climate members? Forests are central to Türkiye's climate resilience and carbon storage. Understanding how forestry policies have shaped land use, biodiversity, and rural livelihoods provides valuable context for municipalities developing SECAPs. This resource also highlights the long-term link between governance models and ecological outcomes—an insight directly relevant for local climate planning.

EXPLORE VIA THE
MLGP4CLIMATE LIBRARY





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Our LinkedIn *Question of the Day*

We want to hear from you! This is why we have brought to life the “Question of the Day” on our LinkedIn Channel, designed for our community and everyone interested to exchange views and information about important climate matters.

This month, we asked the following 3 questions:



Question of the Day: Last Chance?

193 world leaders are gathering in New York. Without the Paris Agreement, we were heading towards nearly 5°C of warming. Current pledges brought it down to 3°C — but the safe limit is still 1.5°C.

Do you think this summit will be a real turning point for humanity, or will climate goals be postponed once again?

This is what our community said:

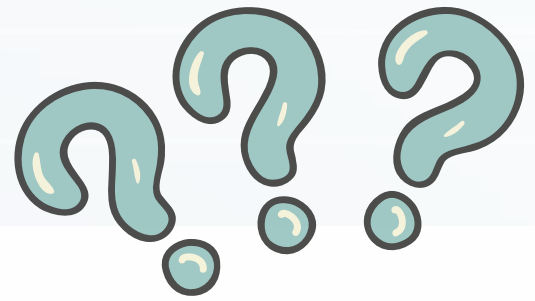
*“Climate targets are only meaningful if we change our habits.
Awareness, sensitivity, simplicity, efficiency for climate...”*

**What do you think?
Tell us your thoughts
by leaving a
comment here!**

COMMENT



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Global rules, local influences

Most decisions about energy, climate, trade and health are made by institutions that most people don't vote for. These decisions affect everything from the air quality of our cities to water resources.

✦ What rule or practice do you think should be rewritten on a global scale so that climate actions at the local level are stronger?

Global governance is making rules without world government.

This is what our community said:

- ◆ **Inclusive governance:** Lasting solutions require transparent, participatory decision-making where governments, businesses, civil society, and citizens share responsibility.
- ◆ **Innovative tools:** Bringing artificial intelligence into global, national, and local governance could help overcome bureaucracy and ensure more consistent, future-oriented decisions.
- ◆ **Direct climate finance:** Municipalities – especially small and medium ones – need fairer and more direct access to international climate funds to accelerate energy transition and achieve real impact.

💡 **The takeaway: stronger local climate action depends on shared responsibility, innovation, and accessible finance.**

*What do you think?
Tell us your thoughts
by leaving a comment
here!*



Tons of organic waste (food, park-garden waste) are produced every day in our cities. Which method do you think can be the most efficient use of these wastes?

- a) To make compost and use it in agriculture and landscaping
- b) Converting it into energy in biogas plants
- c) Direct waste-to-energy conversion
- d) A more creative, innovative solution?

This is what our community said:

- ◆ “Ideally, all of them combined”

*What do you think?
Tell us your thoughts
by leaving a comment
here!*



***With your support, we
have reached **3.101**
LinkedIn Followers this
month! Keep engaging
with our posts to raise our
visibility and make climate
action a common matter!***



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MLGP4Climate is keeping
you updated and informed
with **30 new posts** on
Instagram this month!



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Announcements from MLGP4Climate October 2025



**Financial Consultations for
MLGP4Climate Members
Upon Registration**

**Nature Based solutions workshop
Online, Upon Registration**

Financial Toolkit Assistance

**New Calls
New Partnerships
New Library Entries**





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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 AT
MLGP4CLIMATE@GMAIL.COM.**

**YOUR INPUT HELPS US GROW STRONGER
TOGETHER AND KEEP MLGP4CLIMATE A
PLATFORM SHAPED BY ITS COMMUNITY.**

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**The antidote to climate
change is community.**



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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!