



AĞUSTOS ZAFER BAYRAMI

Kutlu Olsun





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The only way forward, if we are going to improve the quality of the environment, is to get everybody involved.

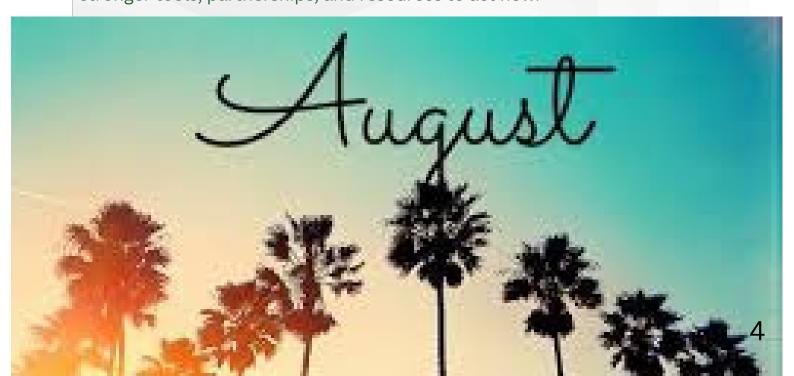
Richard Rogers

August Focus

Building Momentum Through Action - this month showed how MLGP4Climate is moving from planning into practice.

August brought together municipalities and experts in a series of workshops, consultations, and partnerships that reinforced our role as a hands-on support platform. The online session on **sustainable mobility and the Financial Attraction Toolkit** gathered over 80 participants to explore how innovation and finance can accelerate municipal climate plans. In **Antalya metropolitan municipality**, the GM4Finance training provided practical skills on proposal writing, funding opportunities, and innovative financing models.

At the same time, MLGP4Climate continued its **technical consultations**, working directly with municipalities such as Narlidere to identify financing pathways and develop project strategies. Our new cooperation with the **Healthy Cities Association of Türkiye** added another layer to our mission, aligning climate action with urban health and resilience. Internally, the **second coordination meeting** helped refine priorities, welcome new expertise, and reaffirm our collective commitment to supporting municipalities during this transition. With wildfires, heatwaves, and water shortages present in national headlines, the urgency of climate action was once again felt across the country—reminding us why municipalities need stronger tools, partnerships, and resources to act now.

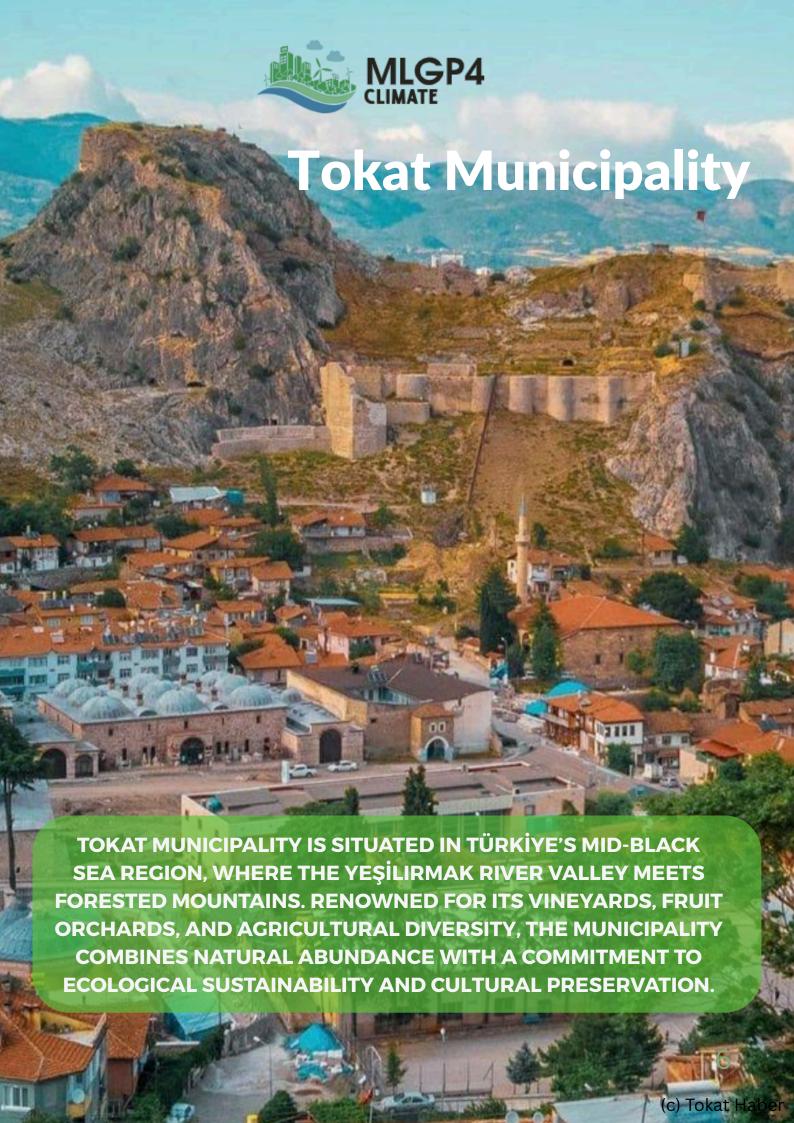




Congratulations new MLGP4Climate platform members!
Welcome Tokat muncipality and Environment Project Management Agency (APVA)!

Together, let's grow, innovate, and make a real impact for sustainable green future!











Congratulations, Tokat Municipality New Member at MLGP4Climate!

Tokat Municipality, located in the fertile Mid-Black Sea region and framed by the historic Tokat Castle and lush valleys of the Yeşilırmak basin, has officially joined the Global Covenant of Mayors for Climate & Energy (GCoM) as a member of the MLGP4Climate platform. Known for its unique blend of Anatolian heritage and diverse ecosystems, Tokat is now stepping into a new chapter of climate leadership.

As part of this global alliance, Tokat commits to preparing a Sustainable Energy and Climate Action Plan (SECAP), systematically tracking emissions, and strengthening local resilience across sectors such as transport, energy, and health. The municipality's ambition is reinforced by its **2025–2029 Clean Air Action Plan**, which sets concrete steps to reduce emissions and improve air quality for its residents.

By aligning heritage preservation with innovative climate solutions, Tokat municipality is charting a pathway toward a greener, healthier future





Congratulations, APVA – Environmental Project Management Agency of Lithuania New Member of MLGP4Climate!















We are delighted to welcome **Lithuania's Environmental Project Management Agency (APVA)** as the newest member of the MLGP4Climate platform. As institution under Lithuania's Ministry of Environment, APVA stands at the forefront of delivering climate-smart investments—from energy efficiency and pollution control to resource management—leveraging EU and national funding instruments.

APVA has a long-standing from 2002 track record of administering significant EU programs e.g., Modernization Fund, LIFE, Climate Change Programme and more.

Delivery of large-scale training programmes, workshops, and stakeholder engagement platforms for municipalities, businesses, and government institutions in Lithuania and internationally (e.g., Twinning projects in Serbia, Georgia, North Macedonia).

APVA's participation in the EU4ETTR Working Group-2 and a previous study visit in Vilnius highlighted its leadership in crafting innovative financial models for energy and climate projects. The agency's Director, Gvidas Dargužas, shared inspiring success stories that underscore APVA's role as a beacon of strategic, resilient project implementation.

Through its new membership, APVA will strengthen the platform's capacity for cross-border collaboration, knowledge sharing, and support for SECAP-related initiatives—bringing its deep expertise to bear in advancing climate-resilient planning and action across the MLGP network.







Sustainable Urban Mobility- key component for SECAP implementation,

Financial Attraction Toolkit- from innovation to finance

On 22 August 2025, more 80 municipal and organisational representatives joined an online MLGP4Climate workshop to explore how sustainable mobility can be integrated into SECAPs and how the Financial Attraction Toolkit can support municipalities in bridging innovation with finance.

The session featured Ms. Kristina Gaučė, who underlined the **critical role of sustainable urban mobility planning** in reducing emissions and improving urban living conditions. She encouraged alternatives like walking, cycling, and public transport while noting the challenges cities face in introducing parking policies and speed controls.

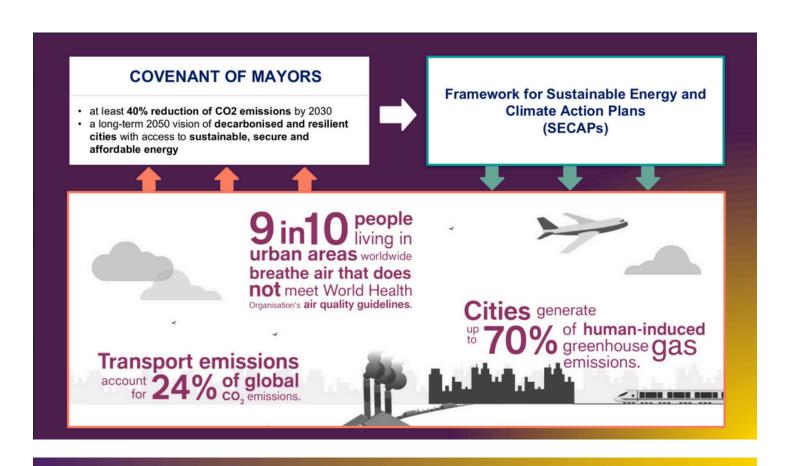
Ms. Daiva Matonienė reviewed and **presented financial programs, presented financial tools** and emphasized importance of communication, collaboration, and local ownership in successful project implementation.

Discussions ranged from **good practices sharing**, highlighting both opportunities and obstacles in advancing greener, more resilient cities. The workshop concluded with a call for municipalities to engage actively with MLGP4Climate and make use of the toolkit to unlock financing for their climate actions.

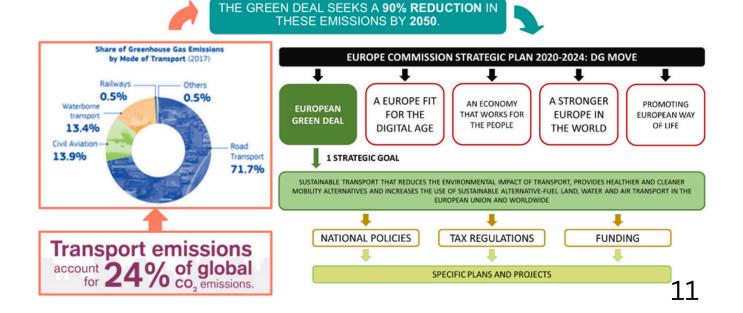




Sustainable Urban Mobility: Key Components for SECAPs dr.Kristina Gaučė

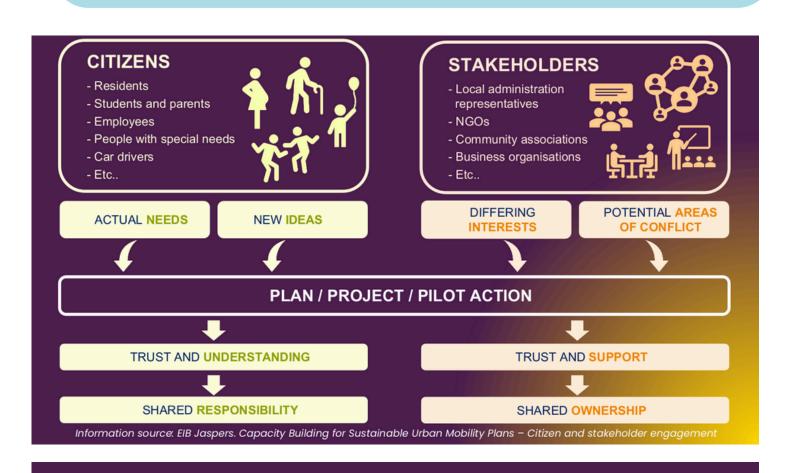


HOW EUROPE TACKLES THESE TRANSPORT-RELATED EMISSIONS?





Sustainable Urban Mobility: Key Components for SECAPs



WHO TO TACKLE IN DIFFERENT ENGAGEMENT AND MANAGEMENT STRATEGIES?

ALL GROUPS OF CITIZENS AND STAKEHOLDERS



INFORM

- · Email newsletters
- Website updates
- Press releases
- Social media
- FAQs
- Fact sheets
- Public presentations

INTERESTED CITIZENS AND STAKEHOLDERS



CONSULT

- Open house meetings
- Workshops
- · Online forums
- · Community events
- Question-and-answer sessions
- Feedback surveys

OPPOSED CITIZENS AND STAKEHOLDERS



COLLABORATE

- Focus groups
- Interviews
- Surveys
- Participatory workshops
- Online consultations
- · Citizen juries
- · Delphi panels
- Scenario planning

ACTIVE CITIZENS AND STAKEHOLDERS WITH ASSETS



EMPOWER

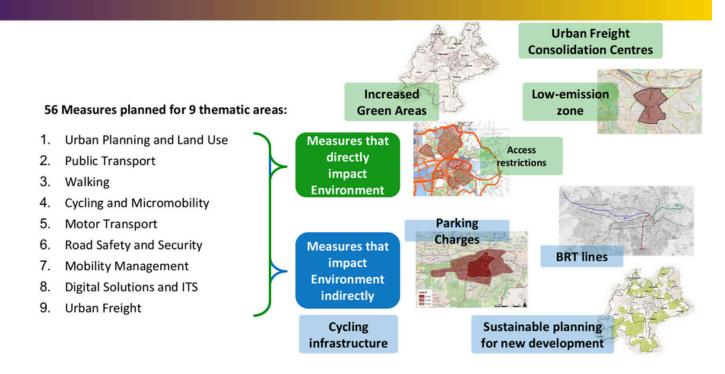
- Collaborative workshops
- Community planning exercises
- Community advisory boards
- Community-led projects
- Participatory budgeting
- Citizen assemblies

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Sustainable Urban Mobility: Key Components for SECAPs

SUMP FOR ANKARA: IMPACT TO THE ENVIRONMENT



COST-BENEFIT ANALYSIS OF SUMP MEASURES FOR ANKARA







See the full

Presentation "Sustainable Urban Mobility: Key Components for SECAPs" by dr.Kristina Gaučė in the MLGP4Climate Library!



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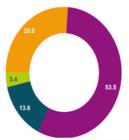




Comprehensive Financial Attraction Toolkit - from Innovation to Finance

Horizon Europe is EU's ambitious 95,5 billion Eur research and innovation programme (2021-2027)





Political agreement December 2020 € billion in current prices

,

- ■Global challenges and European ind. comp.
- Innovative Furone

Excellent Science

■ Widening Part and ERA

New elements in Horizon Europe

- European Innovation Council: Support for innovations with potential breakthrough and disruptive nature with scale-up potential that may be too risky for private investors. This is 70% of the budget earmarked for SMEs
- Missions: Sets of measures to achieve bold, inspirational and measurable goals within a set timeframe. There are 5 main mission areas as part of Horizon Europe.
- Open science policy: Mandatory open access to publications and open science principles are applied throughout the programme

Factsheet: Open science in Horizon Europe @

 New approach to partnerships: Objective-driven and more ambitious partnerships with industry i support of EU policy objectives



Source: https://ec.europa.eu/info/sites/info/files/research_and_innovation/funding

Contractual typology	Source of financing Public	Privat	Mixed		
Non-repayable	Grants				
	Carbon pricing (ETS, taxes)				
	Soft loans	Soft loans Leasing Vendor f	inancing	Revolving funds Traditional bonds	
		Crowdfunding		Project financing Mini-bonds	
Debt		Forfaiting On-bill financing	Third-party financing models	Green bonds Social bonds	
		Risk sharing tools and guarantees	Energy efficient mortgages	Sustainability bonds Green loans	
Equity		Vendor financing			
		Crowdfunding Energy cooperatives			
Hybrid			Public-private partnerships (PPPs)		
				Blended finance	
Other*	Tax increment financing (TIF)	Energy services companies (ESCOs)	Carbon finance	Pay-for-performance (P4P)	
	Tax incentives	Energy performance contracts (EPCs)		Insurance companies	
	ESCO intracting model		Land value capture (LVC)		
		1		Pooled procurement	

 * This category can be used for instruments that don't fit strictly into the repayment or ownership structure.

Level of innovation Traditional Alternative



Comprehensive Financial Attraction Toolkit - from Innovation to Finance

Practical example: Energy Cooperatives

Municipalities join hands through an energy cooperatives

Depending on national legislation, energy cooperatives can also foster cooperation between municipalities, as has been the case in a southern German region.

In the county of "Neustadt an der Waldnaab",

17 municipalities have formed an energy cooperative called

"NEW-Neue Energien West eG" in order to jointly implement renewable energy projects. The cooperative's governing board is led by three mayors, with other municipal representatives on the advisory board.





Comprehensive Financial Attraction Toolkit - from Innovation to Finance

Upcoming calls 2025

	-					CLIMATE
Topic	Name	Link	Grant	Opening Date	Closing Date	Budget / Grant No.
Positive Energy Districts (PEDs)	Innovative approaches for the deployment of Positive Energy Districts HORIZON-CL5-2026-02-D4-04	Link	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	15.000.000 (3 grants)
Low-carbon and climate-resilient buildings (Built4People)	Innovative pathways for low carbon and climate resilient building stock and built environment (Built4People Partnership)	Link	Horizon Europe - Research and Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	5.000.000 (3 grants)
ow-carbon building materials & circularity (Built4People)	Optimal combination of low embodied carbon construction products, technical building systems and circularity principles for climate neutral buildings (Built4People Partnership)	Link	Horizon Europe - Research and Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	12.000.000 (3 grants)
Large-scale advanced biofuels & renewable fuels	Large-scale production of liquid advanced biofuels and renewable fuels of non-biological origin	Link	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	33.000.000 (3 grants)
Smart buildings & societal readiness	Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot	Link	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	12.000.000 (3 grants)
Underground Thermal Energy Storage (UTES) in urban areas	Underground Thermal Energy Storage in dense urban areas	Link	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	18.000.000 (2 grants)
	Phase out fossil fuel in energy intensive industries through the efficient integration of renewable energy sources	<u>Link</u>	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	15.000.000 (2 grants)
Resilient & sustainable transport infrastructure	Innovative construction and maintenance, with the use of new materials and techniques, for resilient and sustainable transport infrastructure	Link	Horizon Europe - Innovation Actions	16.09.25	20.01.26 17.00 Brussels Time	22.000.000 (2 grants)
Art-science collaborations on Mediterranean water pollution	Engaging Mediterranean Communities to prevent, study and tackle water pollution.	Link	PartArt4OW (via Horizon Europe)	01.08.25	02.10.25 17.00 Brussels Time	50 000
Climate-resilient crops & lant-based biomanufacturing	Biotech for Climate Resilient Crops and Plant-Based Biomanufacturing	Link	Horizon Europe - EIC Grants	24.07.25	29.10.25 17.00 Brussels Time	120.000.000 (8 grants)
Climate-Smart Forestry & Participatory Governance	Citizen and Stakeholder Engagement in Climate-Smart Forestry (CSF) and Forest Restoration	Link	European Forest Institute (via Horizon Europe)	11.07.25	12.10.25 23.00 Brussels Time	24 750
Pre-Commercial Procurement for climate-neutral cities	Boosting the transformation towards climate-neutral cities, the net-zero economy and open strategic autonomy through Pre-Commercial Procurement (PCP)	Link	HORIZON Pre-commercial Procurement	06.05.2025	20.01.2026 17:00:00 Brussels time	37.000.000 (4 grants)
Soil literacy & community engagement	SoilTribes Open Call: Supporting Multi-Actor Initiatives to Protect and Restore Soil	Link	SOILTRIBES	11.08.2025	10.10.2025	25.000-100.000
Forest restoration & tourism-linked livelihoods	TUI Forests Program	Link	TUI Care Foundation	N/A	01.11.2025	10.000-150,000
mart & climate-resilient cities	BUILDSPACE Launches Open Call for Replication Potential: join the Future of Smart and Resilient Cities	Link	European Association for Local Democracy	N/A	31.10.2025	







See the full Presentation "Comprehensive Financial Attraction Toolkit - from Innovation to Finance" by Daiva Matonienė in the MLGP4Climate Library!



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GREEN MISSIONS FOR CLIMATE FINANCE: TÜRKİYE-LITHUANIA COLLABORATIVE LEARNING FOR ENERGY SMART MUNICIPALITIES GM4FINANCE

August 27-28. 2025











"This Project is funded under the Lithuanian Development Cooperation and Democracy Promotion Programme"

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Green Missions for Climate Finance: Türkiye-Lithuania Collaborative Learning for Energy-Smart Municipalities (GM4Finance) Training sessions Antalya metropolitan municipality 2025-08-27/28









The Green Missions for Climate Finance: Türkiye-Lithuania Collaborative Learning for Energy-Smart Municipalities project brings together municipal representatives and climate professionals from Türkiye and Lithuania to improve local capacities in designing and financing climate projects. It responds to the urgent need for practical tools, peer learning, and cross-sector cooperation at the local level. Municipalities, especially in Türkiye, are expected to play a key role in reaching national climate targets, yet often face limited access to funding and expertise. This initiative supports knowledge exchange through study visits, trainings, and collaborative work on concrete tools, with a particular focus on green transition, energy efficiency, and project development.



From Learning to Action

GM4Finance & MLGP4Climate in Antalya, 27-28 August 2025



On 27–28 August 2025, Antalya welcomed municipal experts from for a training under the Green Missions for Climate Finance (GM4Finance) project, hosted by Antalya Metropolitan Municipality. The two-day hybrid event mixed practical training, interactive workshops, and peer learning.

Great learning methods lead by dr. Arda Deniz Aksular, Training Coordinator at Ministry of Foreign Affairs in Türkiye – Directorate of EU Affairs.

Participants dived into **EU & international funding opportunities** learned hands-on proposal writing techniques (logical frameworks, budgeting, risk management), and discovered project ideas





From Learning to Action

GM4Finance & MLGP4Climate in Antalya, 27-28 August 2025





From Learning to Action

GM4Finance & MLGP4Climate in Antalya, 27-28 August 2025



The sessions also included **fun and interactive formats:** the Climate Challenge Kahoot quiz and the Lego Serious Play workshop – Build Your Climate Resilient City.

Training it is carried forward through MLGP4Climate: all **toolkits**, **training materials**, **and best practices** developed will remain available to municipalities, ensuring the results continue to inspire action long after the project's formal end.

Sincere thanks dr. Arda Deniz Aksular for great training and enyoyble momentums!







Meeting with Mayor of Antalya, 28 August 2025





in the Press

HABERLER > ANTALYA HABERLERİ

Yeşil işbirliği

Büyükşehir Belediyesi'nin eş koordinatörlüğünde ve Litvanya Dışişleri Bakanlığı desteğiyle yürütülen Green Missions for Climate Finance (GM4Finance) Projesi kapsamında, Antalya'da 'Enerji Akıllı Belediyeler için İklim Finansmanı Öğrenme Süreci' eğitimi gerçekleştirildi.





The **Akdeniz Manşet**, one of Antalya's leading local newspapers, covered the GM4Finance training held in Antalya on 27–28 August 2025, co-coordinated by Antalya Metropolitan Municipality with the support of the Lithuanian Ministry of Foreign Affairs.

The article, titled "Yeşil İşbirliği" (Green Cooperation), highlighted Antalya's leadership in climate and zero waste initiatives, the city's growing portfolio of renewable energy projects, and the potential for new collaborations in ecotourism, agriculture, and sustainable development. It also noted the contributions of the MLGP4Climate Team and its partners from Türkiye and Lithuania, showcasing the platform's role in connecting municipalities to climate finance and capacity-building opportunities.

This media mention underlines MLGP4Climate's growing visibility as a trusted partner in advancing local climate action and international cooperation.

Read the Full Article here





Consultation with Narlidere Municipality, 21 August 2025

MLGP4Climate continues supporting municipalities with tailored technical consultations!

A recent session with Narlidere Municipality brought together MLGP4Climate experts and municipal representatives from Narlidere to explore financial and developmental strategies for SECAP projects. The discussion covered the Zero Waste grant program, the possible role of Finnish municipal experiences, and innovative ideas such as a personal carbon credit trading system to boost recycling.



Ms. Elif Erkan, Project and External Relations Coordinator, Narlidere Municipality



On financing, participants looked into opportunities under Horizon Europe, IPA funds, the EBRD, and the World stressing the Bank, need feasibility study to unlock strong **Public-private** proposals. partnerships were also highlighted as a practical pathway for advancing projects. municipal MLGP4Climate emphasized experts gradual, a collaborative approach, encouraging municipalities to work together while ensuring strategic planning and clear communication guide the way forward 26 for Narlidere.



Our Shared Vision: Sustainable and Healthy Cities

Meeting with Türkiye Sağlıklı Kentler Birliği 5 August 2025

On 5 August 2025, members of the MLGP4Climate platform met with the Türkiye Sağlıklı Kentler Birliği (Healthy Cities Association of Türkiye) to explore avenues for deeper cooperation. The meeting focused on how joint efforts can advance sustainable urban development, climate resilience, and healthier communities across Türkiye.







Türkiye Sağlıklı Kentler Birliği

level.

The Healthy Cities Association has been a pioneer in embedding the concept of "Healthy Cities" into municipal practice since its foundation. Guided by the vision "Geleceği Sağlıkla İnşa Ediyoruz – Building the Future with Health," the Association brings together municipalities under the shared mission of creating sustainable, inclusive, and resilient cities. Through training programs, workshops, symposia, international congresses, competitions, award ceremonies, and awareness-raising activities, the Association unites member municipalities around critical urban and environmental health topics. By producing publications and visual materials, it has helped promote

both awareness and social responsibility at the local

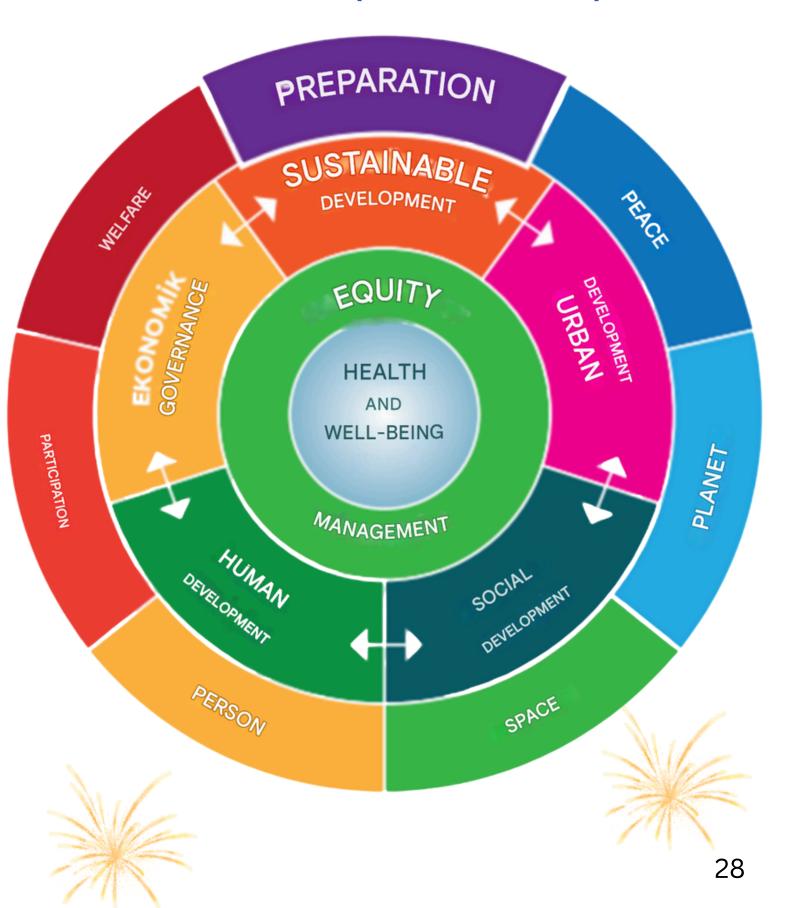
This new cooperation with MLGP4Climate marks another step towards a future where climate action and health go hand in hand —empowering municipalities to build grouper healthior and

greener, healthier, and more resilient cities for generations to come.

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Our Shared Vision: Sustainable development need cooperation



Al x city climate action / HRCKRTHON 2025

MLGP4Climate, in partnership with the Global Covenant of Mayors (GCoM) and other leading organizations, invites Turkish municipalities and associations to join the AI x City Climate Action Hackathon 2025 — a global innovation challenge turning data into bold climate solutions.

This year's Hackathon focuses on two themes:

Theme 1 – Expanding energy access and alleviating energy poverty

Design bold solutions to help cities deliver reliable, affordable, and sustainable energy for all — with a special focus on supporting vulnerable communities.



Theme 2 – Identifying actions and tracking implementation

Develop tools to identify, monitor, and accelerate the actions cities are taking to cut greenhouse gas emissions and strengthen their resilience to climate change.

Up to 10 finalist teams per theme will present their solutions during New York Climate Week 2025, either on stage or virtually. The winning teams will each receive \$15,000 in seed funding to further develop and pilot their projects, along with opportunities for expert mentorship, curated datasets, and partnerships for real-world testing.

Submission deadline: 1 September 2025

More information here



SUBMISSIONS

13 AUGUST - OFFICE HOURS

DEADLINE 1 SEPTEMBER!

Participants must develop a methodology to tackle the challenge statement that must be demonstrated totally or partially by an Al application, by using geospatial tools or data, through dashboards or other data science applications or by providing case studies.

Submissions should have the following components:

- PRESENTATION. Create a comprehensive presentation that explains your solution in detail. This should cover the key features, benefits and challenges of your methodology.
- DEMONSTRATION. Use the methodology to analyze one or more cities for demonstration as case studies, apply the methodology or a fragment of it on an Al tool or any other technology you are familiar with.





PRIZES

13 AUGUST - OFFICE HOURS

REAL WORLD TESTING FOR EACH THEME

Up to 10 finalists per theme will have the opportunity to pitch their solutions during New York Climate Week 2025, either live on stage or virtually.

Up to 10 teams will be invited to participate in a deep dive hybrid workshop at University of Cambridge, delivered in collaboration with the <u>climaTRACES Lab</u>.

All finalists that fit the <u>Tech To The Rescue</u> Al for Climate Innovation Prize eligibility criteria will have the opportunity to be matched with impact-driven tech companies providing pro bono support, enabling them to transform promising Al concepts into implementation-ready

The winning team from each theme will receive \$15,000 dollars in seed funding to further develop and pilot their solutions

City matching is possible to explore implementation on the ground, delivered with the <u>Urban Transitions Mission</u>.

The winners will be invited to join the Build for Earth Acceleration Program, delivered in collaboration with the Hack for Earth Foundation.







The Second MLGP4Climate Experts Coordination Meeting

On 7 August 2025, the second MLGP4Climate Coordination Meeting brought together experts to reflect on July's progress and set the course for the month ahead. The session highlighted that our expert team continues working for municipalities and associations, ensuring support throughout this transition period.

The exchange among experts underlined steady growth and engagement. Updates touched on **new municipal and association applications, cooperation with civil society, expanded visibility, and ongoing improvements to digital tools and resources.** Ideas were also shared on **strengthening accessibility, positioning the platform as a comprehensive hub for municipalities, and sustaining international partnerships**.

The meeting closed with a joint commitment: to keep recruiting new members, expanding resources, and offering hands-on support. The clear message remains — MLGP4Climate is evolving into a stronger and more responsive partner for local climate action in Türkiye.



MLGP4Climate expert pool is growing! Welcome dr. Kristina Gaučė, expert of sustainable mobility

MLGP4

=Welcome=



Dr. Kristina Gaučė

We are delighted to introduce Dr. Kristina Gaučė, a distinguished expert in sustainable mobility and urban transport policy with over 17 years of experience in European and international projects. She began her career with the European Commission's STEP by STEP project in 2003 and has contributed to numerous EU, Interreg, and UNDP initiatives. Dr. Gaučė has advised local authorities, shared best practices at conferences, and supported the development of Sustainable Urban Mobility Plan (SUMP) guidelines. She served as a adviser to Lithuania's Ministry of Environment, Ministry of Transport and Communication, Vilnius City Municipality, and local public transport operators.







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.

How does extreme heat affect our brain?

4 August 2025, BBC News, Turkish <u>Read here</u>

Extreme heat is increasingly shown to strain the brain: heatwaves worsen epilepsy, multiple sclerosis, stroke, dementia, and migraines, while also disrupting sleep, mood, and decision-making. Older adults, children, and people on certain medications face the highest risks, with premature births and mosquito-borne diseases adding new neurological threats. Scientists warn that with climate change accelerating, early warning systems and protective measures are urgently needed as the "era of hot brains" begins.

July was Earth's third-hottest on record, included a record for Turkey, EU scientists say

7 August 2025, Reuters, English <u>Read here</u>

July 2025 was the world's third-hottest July on record and brought Türkiye its highest-ever recorded temperature of 50.5 °C. This milestone highlights the country's growing vulnerability to extreme heat, which scientists link directly to climate change. While global averages remain alarming, Türkiye's new record stands out as a warning sign of intensifying regional climate impacts and the urgent need for stronger adaptation and emission-cutting measures.

Drought depletes Turkey's Tekirdag reservoirs, forcing emergency water curbs

19 August 2025, Reuters, English Read here

A historic drought has emptied Tekirdağ's main reservoirs, with the Naip Dam hitting 0% in August after record-low rainfall. Residents have endured weeks without water, while authorities divert irrigation supplies, drill wells, and install pumps to meet basic needs—an acute sign of how climate change is straining Türkiye's water security.

Sustainable Switch: Severe droughts hit Syria, Turkey and Serbia

20 August 2025, Reuters, English <u>Read here</u>



Türkiye is facing a deepening water crisis as drought grips several provinces. July rainfall was down 71% nationwide, and 95% below average in the Marmara region, marking the driest year in over five decades. Cities like İzmir and Uşak are rationing water, while emergency measures divert irrigation supplies to households. Officials warn that shrinking rainfall over the past decade, intensified by climate change, is leaving Türkiye's water security increasingly fragile.

Monkeys falling from trees and baking barnacles: how heat is driving animals to extinction

20 August 2025, The Guardian, English <u>Read here</u>

Heatwaves are driving biodiversity loss, killing howler monkeys in Mexico, flying foxes in Australia, and billions of shellfish in Canada. Tropical bird populations have fallen by up to 38% in 70 years, while small mammals and insects face fertility loss and mass die-offs. Scientists warn extreme heat is now as destructive to wildlife as deforestation, accelerating the extinction crisis.

Heatwaves are making people age faster, study suggests

25 August 2025, The Guardian, English Read here

A landmark 15-year study of 25,000 people in Taiwan has found that repeated exposure to heatwaves accelerates ageing, with effects comparable to smoking, alcohol use, or poor diet. Researchers measured biological age through health indicators such as blood pressure, organ function, and inflammation, finding that even a few additional days of extreme heat over two years increased biological age measurably, especially among outdoor workers. Scientists warn that as heatwaves grow more frequent and intense due to climate change, billions face long-term health damage, from faster ageing to higher risks of disease and premature death.

'We cannot do it the way our fathers did': farmers across Europe struggle to adapt to the climate crisis

25 August 2025, The Guardian, English Read here

To cope with worsening droughts and heat, southern European farmers are turning to new methods such as advanced irrigation systems, water storage, planting vegetation among vines to retain moisture, shifting to higher-altitude land, and testing more resilient grape varieties. These costly adaptations show farming can continue under climate stress, but many small producers struggle to afford them, raising concerns about the future of traditional crops.

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



s mlgp4climate.com/mlgp-library

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mlgp4climate⊚gmail.com

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FAQ

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Capacity Building

Find a Partner

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Among them are the **22 August workshop presentations** on Sustainable Urban Mobility for SECAPs and the Financial Toolkit for Local Action, as well as **major climate finance reports** such as the Global Landscape of Climate Finance 2024 and the Joint Report on Multilateral Development Banks.

New studies also cover gender-responsive finance, green bonds, the Turkish banking system's role in green finance, and the State of the Climate in 2024, offering members a broad mix of practical tools and global insights. With this expansion, the library continues to grow as a hub for knowledge and collaboration on climate action.

Explore our Library <u>here!</u>





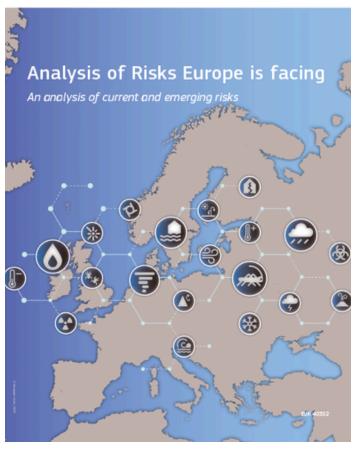
Interesting to Read

AUGUST RECOMMENDATIONS









JRC Report: Analysis of Risks Europe is Facing (June 2025)

The European Commission's Joint Research Centre has released a landmark report examining 47 current and emerging risks across Europe—from climate-driven disasters and pandemics to cyber threats and geopolitical instability. The study underpins the new EU Preparedness Union Strategy, calling for a more proactive, science-based approach to risk anticipation and governance.

Why is this relevant for MLGP4Climate members? Because municipalities are at the frontline of resilience: floods, heatwaves, wildfires, infrastructure disruptions, and even systemic risks like disinformation directly impact local communities. This report highlights the importance of multi-hazard risk assessments, cross-border cooperation, and integrated planning—all of which echo the challenges Turkish municipalities face in developing and implementing SECAPs. For local authorities, the findings serve as a reminder that urban climate action must be embedded within a broader risk governance framework to strengthen resilience and preparedness.

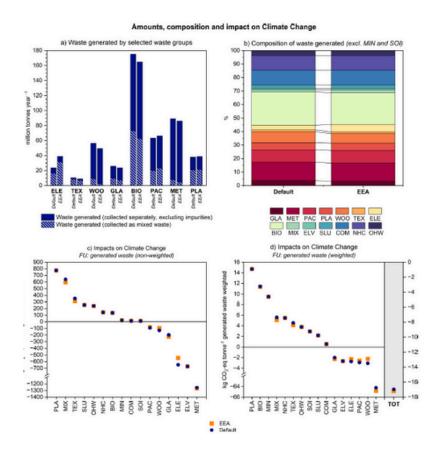


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Sund et al.: Comprehensive Assessment of the EU Waste Management System (2025)

A new study by the Joint Research Centre provides the first EU-wide life cycle assessment and costing of all major waste streams, offering a full picture of both the environmental and economic impacts of waste management across the EU27. The findings reveal that while recycling metals delivers strong climate benefits, significant challenges remain with mixed waste, plastics, textiles, mineral waste, sludge, and biowaste—often due to misallocation into residual waste streams.



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Why is this relevant **MLGP4Climate** members? Because municipalities are key actors in waste collection, recycling, and circular economy strategies. The report shows how inefficiencies at the local level (e.g. mis-sorting limited recycling capacity) translate into major EU-wide costs and emissions. municipalities Turkish **SECAPs** developing CCAPs, insights these highlight the importance of data, collection better systems, and partnerships to unlock environmental and economic gains.



Türkiye's 2025–2030 Climate & Forestry Action Plan

The General Directorate of Forestry (OGM) has launched its Climate Change Mitigation and Adaptation Strategy & Action Plan (2025–2030), setting out 49 mitigation strategies with 260 actions and 40 adaptation goals with 129 actions. The plan aims to expand carbon sink capacity, strengthen wildfire prevention with AI and satellite technologies, promote green transformation in forest villages, roll out large-scale reforestation, and fully digitalize forest management. It also envisions new urban green corridors, stronger ecosystem protection, and climate literacy programs in schools and universities. This roadmap aligns with Türkiye's national climate targets, combining ecosystem protection with socio-economic development.



Why is this relevant for MLGP4Climate Because municipalities will members? role implementing play a vital in elements of this plan-whether wildfire preparedness, urban greening, community engagement-making close cooperation with authorities essential for advancing local climate resilience.

This has not been uploaded in the MLGP Library yet - once it is, I can add the link!



Gender & Climate Finance: Why Inclusion Matters?

A recent UNDP policy brief highlights that while climate finance is growing globally, only a fraction directly supports projects that empower women. Yet evidence is clear: gender-responsive climate finance is more effective, more equitable, and more sustainable.

Women are disproportionately affected by climate change due to barriers in access to land, credit, and decision-making. At the same time, their knowledge and role in communities make them essential actors in adaptation and resilience. By integrating gender into funding mechanisms, project design, and governance, climate finance can drive both emissions

Why relevant this is MLGP4Climate members?

Because inclusive planning isn't smart optional—it's action. Ensuring that women's voices are heard and funded in local climate projects strengthens community resilience and unlocks pathways for sustainable development.



GENDER AND CLIMATE CHANGE Gender and climate finance

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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 TTS' COMMUNITY.

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