

PROJECT

**"Green missions for climate finance:
Türkiye-Lithuania collaborative learning
for energy-smart municipalities (GM4FINANCE)"**



**Financial Attraction Toolkit
for Local Climate Action
Based on lessons learned
from trainings and study visits**

Manual

The development of a financial attraction toolkit for local climate project aims to strengthen the capacity of Turkish local authorities to secure financing for climate-related initiatives while promoting international cooperation. The project focuses on equipping municipalities with practical tools, guidance, and best practices to identify, access, and manage financial resources dedicated to local climate action.

By strengthening cooperation with Lithuanian municipalities, the initiative promotes the sharing of knowledge, the exchange of practical experience, and the development of joint strategies for sustainable urban development. The toolkit will act as a hands-on resource, helping municipalities identify financial opportunities for climate-related projects, engage with international donors and financial institutions, and embed climate considerations into their local planning processes.

The scheme of the Financial attraction Toolkit is presented in the Figure 1.



Figure 1. Scheme of Financial attraction Toolkit

This heatmap provides a clear visual summary of how different institutions are engaged. Added value for Heatmap users would be:

1. Quick identification of activity:

- yellow/green/red squares indicate active engagement (Figure 1,2,3);
- light blue/light green/light red indicate no activity (Figure 1,2,3). This allows users to instantly see which areas an institution is involved in, without reading through detailed tables or reports;
- Institution by Country listed in user friendly table (Figure 4).

Institution Name	Cooperation Areas					
	Exchange ideas on challenges and solutions	Explore financing opportunities	International common project developments	Experience sharing	Capacity building on SECAP preparation	Bilateral cooperation
Oğuzlar Municipality						

Figure 1. Example of Heatmap 1: Cooperation Areas

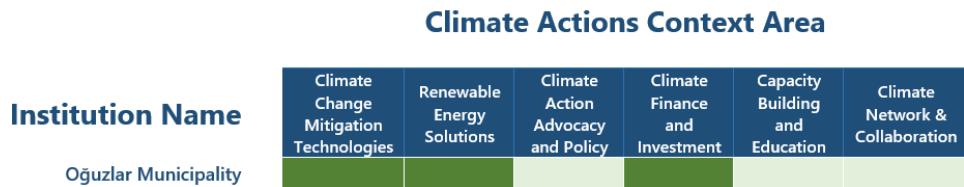


Figure 2. Example of Heatmap 2: Climate Actions Context Area

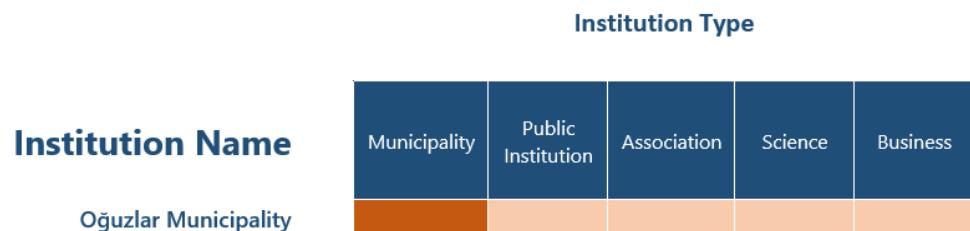


Figure 3. Example of Heatmap 3: Institution Type



Figure 4. Example of Heatmap/List 4: Institution by Country

2. Comparison across institutions:

- users can easily compare multiple institutions at once to identify which ones are active in similar action areas. For example, municipalities tend to have broad engagement across multiple areas, while some cooperatives or specialized institutions may focus on specific actions.
- grouping by Institution-Type, enabling users to compare engagement patterns across different types of organizations, such as municipalities, cooperatives, or research institutions;
- grouping by country allows to find partners from different countries.

3. Pattern recognition:

- the heatmaps highlights trends across the dataset, such as which climate action areas are most commonly addressed. For instance, “Exchange ideas on challenges” and “Bilateral cooperation” often show high activity across institutions, while “Experience sharing” may have fewer active participants.

4. Resource allocation insights:

- policymakers and project managers can quickly identify gaps where certain climate action areas/cooperation areas are underrepresented, informing strategic planning, capacity building, or collaborative initiatives.

5. Visual simplicity:

- instead of complex numerical tables, the heatmap condenses data into an intuitive color-coded format, making it accessible to both technical and non-technical audiences.

6. Supports decision-making:

- helps stakeholders identify potential partners for climate action projects based on shared areas of activity;
- facilitates strategic planning by showing where capacity building, knowledge exchange, or international collaboration could be enhanced.

Interactive financial strategy simulator make it easy to explore who is working on what, and where.

Key Impacts:

- Collaboration: connect municipalities, innovators, and funders.
- Efficiency: reduce duplicated efforts; accelerate innovations.
- Strategic Planning: provide insights into global trends for funders and decision-makers.
- Scalable Climate Action: strengthen the ecosystem for machine learning–driven climate solutions.

Heatmaps are provided in **Excel document**.

“Funding Match“ alert system-data base

The “Funding Match” alert system will act as a smart connector between funders and climate innovators. Using filters such as organization type, region, focus area, and project stage, the system will notify organizations of relevant funding calls, grants, or investment opportunities in real time.

Key Features:

- Personalized information. Tailored notifications based on profile preferences;
- Funding Database. Continuously updated grants, calls for proposals, and investment opportunities;
- Direct Connect. Easy communication channels between funders and applicants using Heatmaps.

Example of “Funding Match“ alert system-data base provided in Figure 5.

Topic	Name	Link	Grant	Opening Date	Closing Date	Budget / Grant No.	Call Summary
Positive Energy Districts (PEDs)	Innovative approaches for the deployment of Positive Energy Districts HORIZON-CL5-2026-02-D4-04	https://ec.europa.eu/info/funding-tenders/opportunities/portal/-/green/opportunities/topic-details/HORIZON-CL5-2026-02-D4-04?order=DESC&page=1&size=100&sortBy=startDate&isExactMatch=true&status=31094501,31094502&programmePeriod=201%20-%202027	Horizon Europe - Innovation Actions	16.09.25	17.02.26 17.00 Brussels Time	15.000.000 (3 grants)	This Horizon Europe Innovation Action supports projects demonstrating innovative approaches to overcome technical, business, social, and organisational barriers to deploying Positive Energy Districts. Proposals must showcase solutions in at least three diverse districts, integrating energy efficiency, renewable energy, storage, digital technologies, and community engagement. The aim is to achieve net-positive annual energy balances, improve public acceptance, and develop replicable guidelines and tools for other cities.

Figure 5. “Funding Match“ alert system-data base system example

Impact:

- Increase funding accessibility for underrepresented regions and sectors.
- Ensure funders can identify the most aligned initiatives.
- Accelerate the implementation of climate-focused solutions.

“Funding Match“ alert-data base system provided in **Excel document**.

Green innovation marketplace

The green innovation marketplace will be a dynamic communication through MLGP4Climate for showcasing, exchanging, and scaling innovations in machine learning for climate. It will allow innovators to present their solutions, organizations to find technologies to adopt, and investors to discover promising ideas.

Key Features:

- Innovation Listings. Startups, prototypes, research outputs, and scalable projects ideas;
- Adoption Pathways. Connect innovators with industry players and policymakers;
- Collaboration Hub. Encourage co-development between organizations.

Impact:

- Amplify visibility of climate innovations;
- Support scaling from local pilots to global solutions;
- Enable cross-sector collaboration and technology transfer;
- Drive climate action through real-world deployment.

The **Consultations System** will provide MLGP4Climate users with direct access to expert support and peer guidance. Through structured consultations, users will be able to request advice, book sessions, and connect with experts across academia, industry, and policy.