

Trikala Local Green Deal – A DRT Agreement for Urban Mobility

Trikala - Greece

Short description

With the LGD, the city of Trikala seeks to digitally transform its local ecosystem toward climate neutrality, primarily by enhancing its sustainable mobility system. Together with key stakeholders, the city aims to provide smart, on-demand public transportation services through Demand Responsive Transportation (DRT). Trikala's 2019 energy system assessment highlighted opportunities to optimize the mobility sector with efficient public transportation, leading to the establishment of carbon-free pathways under the EU's 100 Climate-Neutral Cities mission and Trikala's digital agenda, "Restart mAI City 2025."

These partners are essential to advancing this vision, with mobility stakeholders investing in climate-neutral transportation solutions that align with their social responsibility goals. Additionally, the LGD offers new value creation opportunities, outlined in the following sections, which signed members anticipate leveraging for lasting impact.



Industry/Sector

- Mobility & Transport

Parties of LGD/Participating parties

- Commercial Chamber of Trikala (other), Astiko KTEL Trikalon S.A. (SME), KTEL Trikalon S.A. (SME), e-Trikala S.A. (Municipal Company), Astiki Anaptixi S.A. (Municipal Company), Taxi Trikalon S.A. (SME) and Municipality of Trikala (Public Administration).

Scope of LGD

- The city of Trikala, through its Local Green Deal (LGD), is committed to digitally transforming its local ecosystem toward climate neutrality, with a strong focus on enhancing sustainable mobility systems. Together with key stakeholders, Trikala aims to provide smart, on-demand public transportation services, specifically Demand Responsive Transportation (DRT). In 2019, an analysis of the city's energy system revealed the potential for optimizing the mobility sector through efficient public transit, which aligns with Trikala's carbon-free goals under the "100 EU Climate-Neutral Cities" initiative and its digital agenda, "Restart mAI city 2025."
- These collaborative efforts are expected to increase local business opportunities and stimulate community activities while reducing car usage and associated emissions, optimizing the energy system overall. Mobility stakeholders are advancing climate-neutral mobility, with the LGD contributing DRT and other smart services to their social responsibility plans. By aligning individual strategies with the city's vision for smart, sustainable growth, municipal companies will make data-driven decisions on smart mobility services, such as Mobility as a Service (MaaS) and smart parking.
- The Commercial Chamber will coordinate these efforts, bridging communication among mobility operators, the municipality, and municipal companies. It will also lead initiatives to increase community awareness, encouraging behavioral change around urban transit and supporting the objectives of this Local Green Deal.

Concrete measures/commitments

The Climate All activities will focus on the Mobility & Transport sector, with a dedicated action plan to promote public transportation and integrate mobility services. Each partner is committed to collaborating to achieve the LGD's objectives through the following impacts:

A) Mobility Operators (Astiko KTEL Trikalon S.A., KTEL Trikalon S.A., and Radiotaxi Trikalon S.A.) aim to:

Reduce motorized passenger transport needs.

Achieve 1.8 kt CO₂e reduction.

Shift to public and non-motorized transport, reducing emissions by 0.8 kt CO₂e.

Increase carpooling, reducing emissions by 0.08 kt CO₂e.

Optimize logistics, reducing emissions by 0.3 kt CO₂e.

B) Municipality of Trikala aims to:

Increase the competitiveness of shared mobility by 10%.

Establish a Demand Response Transportation (DRT) platform, creating 2 new jobs for its operation.

C) Commercial Chamber of Trikala will:

Launch a campaign to encourage citizen behavior change and DRT adoption.

D) e-Trikala S.A. will:

Produce and analyze 1 TB of data on DRT and smart transportation services.

Conduct 3 campaigns promoting attitude change and DRT use.

E) Astiki Anaptyxi S.A. will:

Develop a smart parking platform to support DRT.

Create 1 job dedicated to smart parking services.

Produce and analyze 1 TB of data on DRT and smart transportation services.

Conduct 2 campaigns to encourage attitude change and DRT adoption.