



FORM BEST PRACTICES CONTEST 2025

Municipality Tatlısu Municipality Country Northern Cyprus
Contact person Mr./Mrs. Assist. Prof. Aziz Çalışkan Telephone +905338596053
E-mail azizcaliskan96@gmail.com

Name project

Integrated Waste Management and Renewable Energy Applications: The Case of Tatlısu Municipality, Northern Cyprus

Category Certification Criteria: mark the category of your project

- ☒ (x) Energy and environmental policies (politiche energetiche e ambientali);
☐ Infrastructure policies (politiche infrastrutturali);
☐ Quality of urban life policies (politiche per la qualità urbana);
☐ Agricultural, touristic and artisan policies (politiche agricole, turistiche, artigianali);
☐ Policies for hospitality, awareness and training (politiche per l'ospitalità, la consapevolezza e la formazione);
☐ Social cohesion (coesione sociale).

Summary project

The project titled "Integrated Waste Management and Renewable Energy Applications: The Case of Tatlısu Municipality, Northern Cyprus" presents Tatlısu Municipality's exemplary efforts in implementing a comprehensive zero-waste and sustainable energy system. The municipality collects and recycles various types of waste—including plastic, paper, glass, green waste, medical waste, and batteries—achieving an impressive 76% recycling rate, well above the EU average.

Innovative practices include converting green waste into compost, repurposing glass in handicrafts and construction, and producing biodiesel and biogas from household waste oil. A solar power plant provides 160 MWh of clean energy annually, powering municipal facilities and reducing carbon emissions.

Sustainable transport initiatives like 13 km of bike paths and community environmental education reinforce eco-conscious behavior. Fully aligned with Cittaslow values and the UN Sustainable Development Goals, Tatlısu's model showcases how local governments can lead the way in environmental sustainability, circular economy practices, and lifestyle transformation.

Goal project

The goal of the project "Integrated Waste Management and Renewable Energy Applications: The Case of Tatlısu Municipality, Northern Cyprus" is to develop and implement a sustainable, environmentally friendly urban management model that integrates zero-waste practices, renewable energy production, and community-based environmental education, in alignment with the Cittaslow philosophy and United Nations Sustainable Development Goals.

This model aims to:

Reduce environmental pollution and resource consumption through efficient waste separation, recycling, and upcycling.

Generate clean energy via solar power to decrease dependence on fossil fuels.



Promote sustainable lifestyles by encouraging public participation, eco-friendly transportation, and awareness-raising activities.

Serve as a replicable best-practice example for other local governments, particularly in small municipalities and island communities.

Result project

As a result of the Integrated Waste Management and Renewable Energy Applications project, Tatlısu Municipality has successfully implemented a holistic and sustainable environmental management system that significantly reduces waste, conserves natural resources, and promotes clean energy. The municipality achieved an impressive 76% recycling rate, well above the European Union average, and produces 160 MWh of solar energy annually, meeting the electricity needs of all municipal facilities. Through innovative upcycling practices—such as converting green waste into compost and reusing glass in construction and handicrafts—the project not only reduces environmental impact but also supports the local economy. The construction of 13 kilometers of bike paths and ongoing public education campaigns have further enhanced environmental awareness and encouraged sustainable lifestyles within the community. This integrated approach has positioned Tatlısu as a leading example among small municipalities, demonstrating how local governments can effectively contribute to global sustainability efforts in line with the Cittaslow values and UN Sustainable Development Goals.

Finance (costs and benefits)

200.679 Euro

Staff (staff involved and use of time)

3

Additional information (if necessarily)

Link website
(if available)

Once filled in this form please send it to: info@cittaslow.net

- Participation Deadline, 12 May 2025 -