

Summary of Agile Pilot

Company name	Association of Electric Bicycles Lovers
Company location	Belgrade, Serbia
Domain	Sustainable mobility / E-mobility / Renewable energy
Municipality	Čukarica
Project period	July 2025 – March2026
Solution	An off-grid, solar-powered charging station for electric bicycles, designed as modular urban infrastructure for public spaces with high user frequency.
Stakeholders	ULJEB - Association of ebike enthusiastic, City of Belgrade - Public Company Ada Ciganlija, Initiative “Digital Serbia”, local authorities, cyclists, Filbo Eko technical company
Lessons learned	Strong user demand confirms the relevance of e-mobility infrastructure; early engagement with municipalities and clear operational responsibilities are critical for successful deployment. The project timeline should be extended wherever possible to accommodate the processing of necessary permits and approvals for installation.
KPI 1	Utilization rate of the charging station (number of charging sessions).
KPI 2	Operational availability and system reliability during the pilot period.
Evaluation of the business model focusing on its viability and potential for growth	The business model demonstrates viability in high-traffic urban areas and strong potential for replication through public-private partnerships, sponsorships, and integration into municipal mobility strategies.
Impacts	Contribution to decarbonization of urban transport, increased accessibility of e-mobility solutions, and strengthened awareness of sustainable mobility among citizens.
Suggestions for future actions, especially focusing on sustainability and replication	Integrate the solution into municipal mobility and climate action plans; replicate across multiple urban locations; explore co-financing models with public and private stakeholders.
Next steps	Performance monitoring, technical optimization, and preparation for scaled deployment in additional municipalities.
Provider's Reflection	The pilot phase validated the technical concept and confirmed market and institutional interest, supporting further investment and scaling.
Municipality's Reflection	The project aligns with local sustainability and mobility objectives and enhances the attractiveness and functionality of public spaces.
Expert's Reflection	The solution represents a scalable, low-carbon infrastructure model with high replication potential across urban environments in the EU and neighboring regions.