CELTIC-NEXT Proposers Day
23rd of February 2021, Online via WebEx

Pitch of the Project Proposal

<Smart City Microgrid Management Platform>

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Digital AI&IoT technology infrastructure upgrades and adaptations are accelerating in cities to address connected cities, buildings, storage battery technologies, renewable to grid integration, electric vehicles and all.

Cities are looking for the most rational technological solution options to implement smart infrastructures and systems.

City 5.0, Dilara Goker, Reengen, dilara.goker@reengen.com
Reengen is a high-tech SME providing IoT based tools and services for the energy domain.

end-to-end digital energy management solutions for buildings and corporates. turning data into actionable intelligence.

Reengen has been a technology and solution provider for several international R&D smart city solutions as well, such as Game4Seen, SolarPact, CITyFiED, R2CITIES, ebalanceplus.
AI & IoT Based Smart City (Energy) Management PaaS

Our project idea is for an AI and IoT based smart city microgrid management platform to be developed where the optimization will be studied for the aspects of ICT, communications, energy and sustainability.

City 5.0, Dilara Goker, Reengen, dilara.goker@reengen.com
Proposal

Introduction

Microgrid City Optimisation via innovations on ICT & Energy

• Optimum communication technologies, digitalized energy solutions, infrastructure, and user interactions will be studied, tested.

• The collaborative applicable innovative solutions will be an essential output.

• The project will be enhanced with the participating partners' industrial know-how and expertise.

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Some of Our Project Ideas

• Platform-as-a-Service Application Marketplace for Smart Cities
• Wireless sensor network-based demand response platform
• AI-powered chatbot based utility customer engagement portal
• IoT Monitoring and Gamification based End User Behavior Enhancement for Energy Efficiency
• Big Data for Energy Efficient Buildings & Cities
• Blockchain-based microgrid optimization
• Gamification supported customer engagement for demand side management
• LoRaWAN & NB-IoT hybrid network based smart sensor management platform
• Solar Plant Supply Side Management & Real Time Control
• Renewables integrated Smart Grid optimization

AND MANY MORE....
CONTACT US FOR DETAILS!

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<table>
<thead>
<tr>
<th>Reengen</th>
<th>Turkey</th>
<th>SME</th>
<th>Platform Developer, Energy Analytics</th>
</tr>
</thead>
<tbody>
<tr>
<td>All participating countries</td>
<td>Small and large enterprises</td>
<td>Technology providers, Algorithm developers, Utilities, Energy and ICT companies and experts</td>
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Contact Info

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Presentation available via:
25th February  14.00 CET
Join the follow-up Telco

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