

Organisation name: CENTUM ADENE

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Targeted preferred topics

<u>LC-SC3-SCC-1-2018-2019-2020</u>	<i>Smart Cities and Communities</i>	IA
<u>SU-INFRA02-2019</u>	<i>Security for smart and safe cities, including for public spaces</i>	IA
<u>SC6-Transformations 2018-2019-2020</u>	<i>Innovative solutions for inclusive and sustainable urban environments</i>	RIA / CSA

Competencies

- *Electronics & Power electronics, batteries & supercaps, algorithm, encryption...*
- *Experience in European project as partner and as coordinator*
- *We're able to involve ourselves in any project where electronics is needed, are tasks could be around: feasibility & architecture; development; norms management; standardization; value analysis and cost reduction; industrialization; ramp-up up management; prototyping; manufacturing...*

Example of project

- Centum Adeneo, through Ausar Energy, its JV with Engie Africa, has developed a solar plant solution with storage capacity for off grid application.
- The solution is plug & play, container based and build on a modular approach 60kW – 480kWh
- Topics / partners are :
 - Introduce micro-hydropower and bioenergy sources in the Energy Management System
 - Improve the packaging of the storage container to avoid thermal issues
 - Find experimentation partners or cities
 - Work on global workflow for efficient supply chain solution for far Africa countries

