



Sustainable energy Positive & zero cARbon Communities

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Topic: LC-SC3-SCC-1-2018-2019-2020: Smart Cities and Communities

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SPARCS objectives

Enable and support urban transformation

Generate a bold city-vision 2050

Replicate PED solutions in Fellow cities

Demonstrate innovative PED solutions in Lighthouse Cities



Cooperate with various projects, networks and initiatives

Roll out a monitoring and evaluation programme

Business models and financing instruments for sustainable PEDs

Community engagement and citizen-centric approach

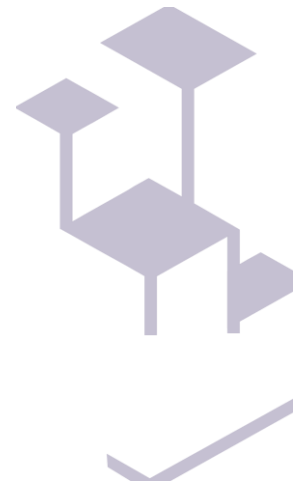
Share the SPARCS learnings and experiences



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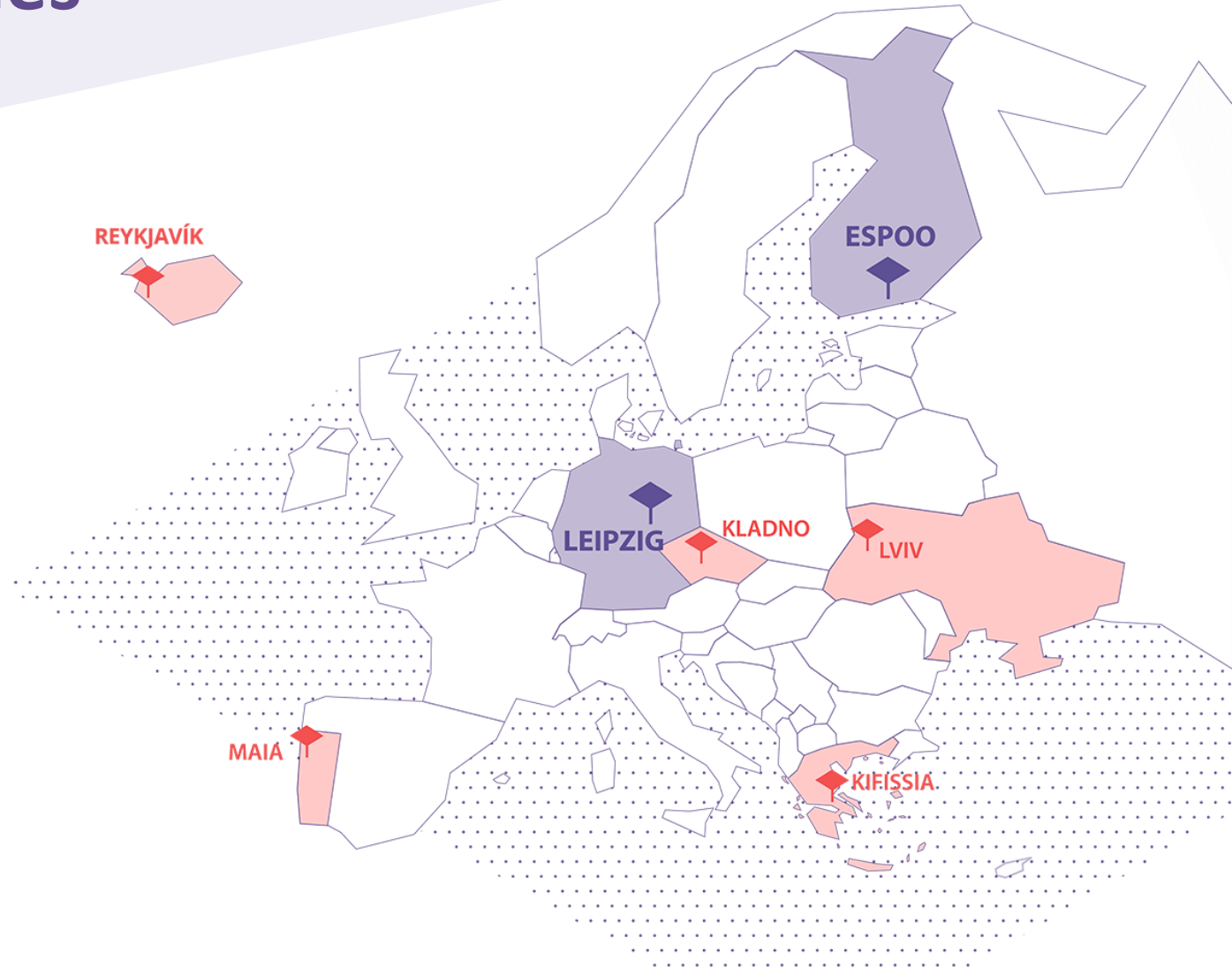
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SPARCS Cities



-  LIGHTHOUSE CITIES
-  FELLOW CITIES



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Interventions & actions at city level

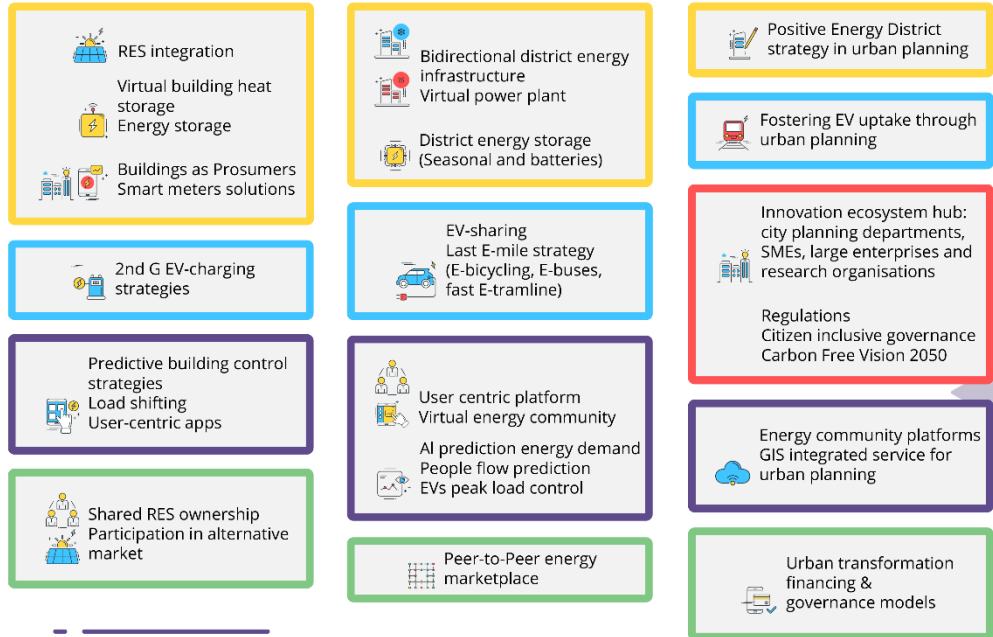
Designing Positive Energy Building Blocks and Districts in the two Lighthouse Cities with 44 innovative interventions

Hands-on feasibility studies in 5 Fellow Cities to support replication planning



DEMONSTRATION ACTIONS

- Positive energy transformation
- Electrical mobility
- Digital Integration
- New economy
- Urban innovation ecosystem



Building Block-level interventions

District-level interventions

Macro-level interventions

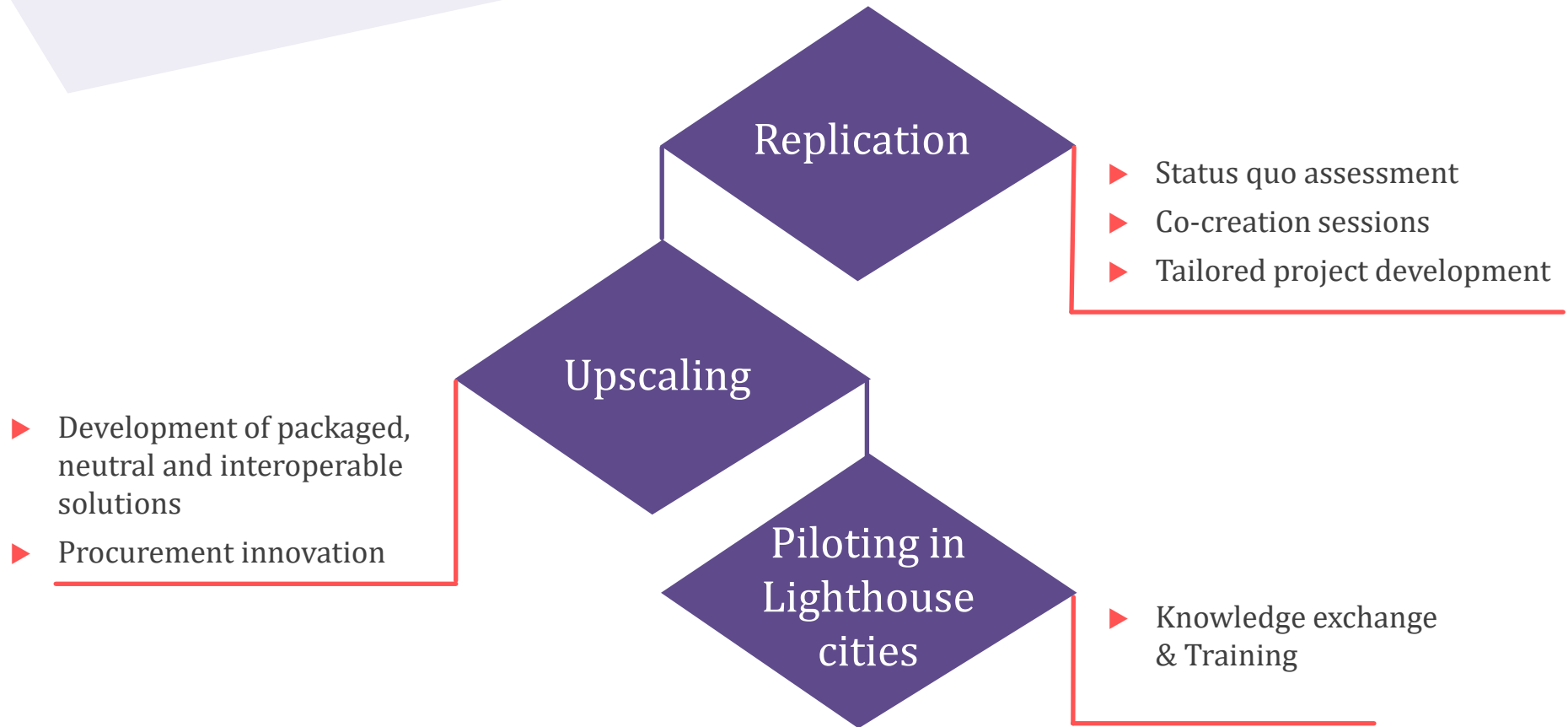


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SPARCS Replication Strategy



SPARCS partners



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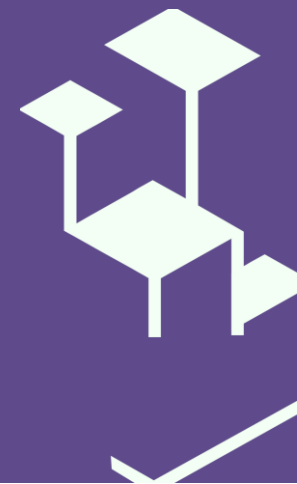
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