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LETTER OF SUPPORT

for the project proposal “PEDFLEX: Fully digitalized and automated management of Positive Energy Districts (PEDs) towards seamless and bottom-up integration with energy markets” to be submitted under the Call

HORIZON-CL5-2023-D4-01-03: Interoperable solutions for positive energy districts (PEDs), including a better integration of local renewables and local excess heat sources

Dear Prof. Varvarigos,

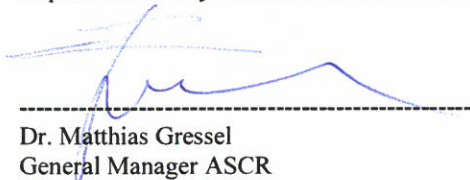
We, Aspern Smart City Research GmbH (ASCR), would like to confirm our advisory support for the project proposal **PEDFLEX** to be submitted to the European Commission under the Call HORIZON-CL5-2023-D4-01-03 of the Horizon Europe Program 2022-2023 by the consortium led by ICCS. ASCR is a large and most innovative energy research project, and it uses real data from the urban development zone of aspern Seestadt to explore solutions for the energy future of our cities.

The overall objective of the **PEDFLEX** project is to propose an enhanced smart grid management architecture, which integrates, and uses as its cell, PEDs in a fully automated, digitalized, and standardized way. Thus, **PEDFLEX** provides all the necessary intelligence to the involved different actors in the energy system and its seamless interaction towards efficient grid, RES and flexibility management. More specifically, **PEDFLEX** targets in the efficient and easy PED asset exploitation (i.e., RES, building assets and flexibility assets) through the interaction between an innovative, interoperable, intelligent, ICT-based, and efficient PED design/management and ii) an efficient, interoperable, multi-purpose and grid-aware flexibility market that integrates PEDs with various grid operator requirements and existing energy markets.

We consider the project as being of very high importance for strengthening the collaborative efforts between stakeholders for PEDs in addressing energy research and innovation bottlenecks that tend to impede innovative and affordable solutions finding their way to the consumer.

ASCR will support and consult the **PEDFLEX** project team on the planned use case – in particular Siemens AG Österreich (who is a **PEDFLEX** consortium partner) has access to the testbed and data according to the existing data usage agreement of the ASCR members. Access of prepared data to others in the consortium (and thus 3rd parties to the mentioned agreement) will be granted by ASCR on a case-by-case bases.

Yours sincerely,
Aspern Smart City Research GmbH & Co KG



Dr. Matthias Gressel
General Manager ASCR

Pammer
Georg

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Dr. Georg Pammer,
General Manager ASCR