

**The Research Projekt Transform+ is providing sustainable urban solutions for climate protection and CO2 reduction, and bringing Vienna closer to a low carbon city. An essential focus is on energy consumption and production as well as distribution. Transform+ supports Vienna's roadmap to a Smart City, which involves intelligent mobility services, a sustainable energy system and efficient and liveable urban design and buildings.**

The project is enabling as well as supporting the work done in the European FP7 project TRANSFORM. This includes concrete and comprehensive concepts for development towards a Smart (Energy) City. In TRANSFORM six European cities (Vienna and Amsterdam, Copenhagen, Hamburg, Genoa, Lyon) are working on city-wide as well as city-quarter level ("Smart Urban Labs") strategies and implementation plans. The shared experiences are summarised by the cities and their scientific and industrial partners. The so called „local environment“, which includes cities, stakeholder and local partner (f.e. energy provider) is organised in a joint working process in Transform+ to get the local results needed for the TRANSFORM and European level, and use this experiences for Vienna in return.



#### **In Transform+ the following task are done:**

- Working out a Smart City Strategy for Vienna, which will be the next step after strategy documents in another Klimafonds projects, and creating a "Transformation Agenda" in exchange with the other cities.
- Concept, organisation and documentation of the ongoing stakeholder process. Here the actual results are exchanged with different stakeholders, to share practical know-how and experiences.
- Setup of a Viennese database to use energy relevant data for the „decision support environment“, an tool that helps with decisions on energy systems, strategies and investments.
- Creating implementation plans for two specific areas, so called „Smart Urban Labs“, Liesing and seestadt\_aspern in Vienna. This includes local energy systems, key projects, and measures. The development of new business models and finance strategies for the areas is another task. The aims are profound decisions for smart energy systems in the development zones.
- The implementation in the „Smart Urban Labs“ will be carried on with two innovative measures, a „Smart Citizen Assistant“(communication toll for citizens) and an e-delivery project (carsharing with e-cars for companies).

- Collection of the cities strategy approaches and dissemination of the results for other Austrian cities.

The fulfilled tasks in TRANSFORM and Transform+ with their connected and integrated results will be a crucial input for the further development of Vienna becoming a low carbon city. Vienna's experiences from existing approaches and the interaction with other leading European cities is a big chance. This will provide a most relevant support for working on the Transformation Agenda(s), raising the dynamic of stakeholder processes and pushing the quality of implementation plan for Liesing and seestadt\_aspern. The project Transform+ enables the positioning of Vienna and Austria as forerunning actors in the global Smart City developments.



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- Wien Energie GmbH
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- Neue Urbane Mobilität Wien GmbH
- AIT Austrian Institute of Technology GmbH, Energy Department
- ETA Umweltmanagement und Technologiebewertung GmbH
- ENERGIE COMFORT Energie- und Gebäudemanagement GmbH
- Technical University Wien, Research Center of Transport Planning and Traffic Engineering
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- ARAC GmbH