Press release

Vienna, 11.10.2023

AIT spin-off infrared.city picks up speed

The AIT Austrian Institute of Technology welcomes the successful raising of €1 million in seed funding for AIT spin-off Infrared City GmbH (infrared.city), an innovative start-up specialising in smart and resilient design and planning. The investment round was led by xista science ventures, a renowned venture capital fund focused on scientific research. Other investments come from respected investors 2bX, Heartfelt, Antler and P3A Ventures. The seed funding will enable infrared.city to further accelerate the development and deployment of its cutting-edge technology to help architects and planners deliver more sustainable, intelligent and resilient design solutions.

"We are very pleased with the success of infrared.city.", said **Markus Ray, Head of the Digital Resilient Cities Department at AIT's Center for Energy**. "It is our mission to support all stakeholders in urban planning and construction with evidence-based decision-making right from the early planning process. In this context, it is important to be able to assess a large number of different solution approaches in an integrated and performant manner across the various domains such as climate, energy and mobility. Building on the work of the AIT, infrared.city makes it possible for the first time to provide microclimate analyses for different planning variants in near real time using artificial intelligence - an essential building block and a real gamechanger for urban planning and urban management of the future".

"I am very pleased to announce the successful completion of our seed funding and am grateful for the AIT's support in spinning off infrared.city as a start-up," says **Angelos Chronis, co-founder and CEO of infrared.city.**

AIT contributes broad expert knowledge to the start-up infrared.city

As a spin-off from the AIT City Intelligence Lab, infrared.city can draw on experience from an international showcase project. The City Intelligence Lab is an interactive platform for researching new forms and technologies for the urban planning practice of the future and follows the approach of co-creative development, the joint creation of new knowledge. Key technologies such as augmented reality as well as artificial intelligence are used to create complex simulations and parametric designs. https://www.ait.ac.at/cil

About infrared.city

infrared.city is a platform for intelligent and resilient planning based on artificial intelligence. infrared.city develops digital tools with the aim to make complex environmental simulations accessible and understandable for all stakeholders of the built environment. With AI-driven predictive models, infrared.city can produce simulation results extremely quickly and to

deliver low cost. The state-of-the-art machine learning model provides real-time feedback on the performance of design proposals and can guide climate-aware decisions at every step of the process. infrared.city currently provides feedback on solar, sunlight and wind performance. Further analytics and an intelligent insights wizard will be available soon. For more information, visit www.infrared.city.

About AIT Center for Energy

At the AIT Center for Energy, around 270 employees are researching solutions for the sustainable energy supply of tomorrow under the direction of Wolfgang Hribernik. The many years of experience and scientific excellence of the AIT experts as well as the high-quality laboratory infrastructure and global networking offer companies innovative and applied research services and thus a clear competitive advantage in this future market. The Center for Energy's portfolio of topics is oriented towards three central systems: sustainable public energy supply, decarbonisation of industrial processes and plants, and innovative technologies and solutions for urban resilience (buildings, cities).
More information about the centre: https://www.ait.ac.at/eneígy

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