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Holzkirchen, August 30, 2019

Statement on the Doctoral dissertation „Studies on the integration of personal air transport in urban environment“ of Georgi Georgiev M.Sc., born on 22.01.1987 in Haskovo, Bulgaria

Dear colleagues,

I am happy to contribute to the assessment of the doctoral dissertation of Mr. Georgi Georgiev in my role as his external doctoral supervisor, and as his superior at the Fraunhofer Institute for Building Physics IBP.

Mr. Georgiev has been working at the Fraunhofer IBP since 2011 and has performed multiple and challenging research projects in the field of sustainable urban development. Amongst others, he has advanced several national and EU-funded projects on the integration of Urban Air Mobility in the urban context. At this time, he has been an active member of the initiative for Urban Air Mobility of the European Innovation Partnership for Sustainable Cities and Communities, launched and led by AIRBUS, and was selected by its steering committee as Ambassador of the Initiative for Bulgaria. During this time he has acted actively and coordinative in the project proposal preparation and later on the internal coordination of the project OBUAM, dedicated to the Urban Air Mobility integration in the region of Upper Bavaria, Germany.

Consequently, Mr. Georgiev oriented his academic research activities towards the urban air mobility and now provides his doctoral dissertation "Studies on the Integration of Personal Air Transport in Urban Environment". I am convinced that Mr. Georgiev is delivering a serious and useful contribution for the successful integration of the Urban Air Mobility UAM in the European cities. The thesis contains an advanced foresight analysis of the development of urban aviation mobility as well as a new methodology for integrating urban aviation mobility into an existing urban environment, intended for residential areas of different size and urban morphology. He these scientific advances on the implementation of urban aviation mobility in exemplary cases in the Cities of Ingolstadt and Plovdiv, supported by empirical studies and simulations.

Therefore I suggest considering Mr. Georgievs work for doctoral dissertation.

Prof. Dr.-Ing. Gunnar Grün

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