

# Press Release

July 10, 2018

## **Electric Bus as test vehicle for innovative energy-efficient solutions:**

### **eBus-Cluster Concept presents „ColumBus“ at INNOTRANS 2018**

In eBus-Cluster Concept bundled competences of renowned companies working in the field of vehicle and system development, software engineering, digitization as well as interior and exterior design. Together they develop energy-efficient solutions for electric-driven busses. At the same time comfort and safety of the busses are improved. Within the project all individual solutions of the partners have been integrated and intelligently linked-up in the test vehicle “ColumBus”. Because only intelligent linking individual systems to a harmonized system improves energy efficiency of e-busses significantly. This will give new opportunities for economical operation of e-busses to OEM and operator.

### **„ColumBus“: test vehicle of innovation of eBus-Cluster Concepts**

„ColumBus“ as test vehicle of innovative solutions proves success of eBus-Cluster project and perfect interplay of all systems. The scope of integrated solutions ranges from new heating pump, PCM heating panels through roof-mounted pantograph to innovative interior and exterior design.

The „ColumBus“ e-bus – bearing all innovations of eBus-Cluster Concept development project – will presented first time on INNOTRANS 2018 (18. – 21.09.2018). At demonstration runs of „ColumBus“ on „Demonstration Course“ of „INNOTRANS Bus Displays“ visitors can experience the innovative approach of eBus-Cluster Concepts and inform themselves on individual solutions of the partners.

### **About eBus-Cluster: A development project of INDUS-Förderbank**

eBus-Cluster is a project of INDUS-Förderbank with the target to design electric mobility in public transportation in an energy and resource efficient way without having to forgo any comfort or information features like air conditioning and infotainment.

In addition to INDUS subsidiaries AURORA with its subsidiary HEAVAC, KSG Kieback-Schäfer Group und SMA also companies like Bitzer, CELLOFOAM, FarHym, Kiel Sitze and Schunk Carbon Technology signed up as partners of the project. The project is managed by WSCON. Fraunhofer Institute for Transportation and Infrastructure Systems IVI is responsible for scientific monitoring as well as the topic Internet of Things and therefore linking-up the systems All solutions developed in the project were integrated by Bus Trailer Service GmbH in a e-bus provided by Fraunhofer IVI: ColumBus. Furthermore, the companies Continental and Hella Aglaia support the eBus-Cluster.

**Further information on eBus-Cluster Concept at [www.ebus-cluster.de](http://www.ebus-cluster.de)**