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**DEKRA Testing and Certification, S.A.U.**

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**Ref.: Smart Badge GPK 500-1 positive assessment**

Dear Sir,

According to LoRa Alliance Certification process description for LoRaWan, the certification by similarity is an option to get the LoRa Alliance Certification.

Based on the information provided by Robert Bosch Power Tools GmbH in their 'CertificationBySimilarityDeclarationV1\_1 20210202' document, the device "Smart Badge GPK 500-1" meets all requirements specified by the LoRa Alliance; this device is a variant device which design is based on the already LoRaWAN certified "IoT Module GCY 500-1".

According to the documentation provided by Robert Bosch Power Tools GmbH the device under certification, has:

- The same LoRa transceiver
- The same LoRa protocol SW version
- The same MCU Core
- The same Clock design and implementation

than the certified integrated module, and the product's application software cannot interfere with the execution of the LoRaWan protocol stack.

Data provided by Robert Bosch Power Tools GmbH comply with LoRa Alliance requirements for certification by similarity.

**Noemi Perez Dans**  
**LoRa Lab Responsible**

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