

# Deliverable D5.3

## Sensor platform prototype

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**Tekes**



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# 1 Summary

This deliverable is dedicated to the sensor platform, which is demonstrable and a technical document will be delivered (D5.3).

In the previous deliverable (D5.2), we have described the laboratory tests, which were mainly carried for the sensors but also the higher level components have been taken into account, since the high level modules, like sensor data sensor fusion, depend on performance of the low level sensors. Therefore, understanding performance of the object data was the main focus of this deliverable. The measures for the expected accuracy and the performance assessment module output quality was estimated for having indication concerning performance of the RobustSENSE final prototypes.

Here, this document covers a next step after the laboratory tests, illustrating the updates, enhancements and related results (after such tests described in D5.2), towards a final version of the sensor platforms to be integrated in the demonstrator vehicles. Thus, the main goal of this deliverable is to show the work done so far to arrive to a final version of the sensor platform, considering also pictures and schemes of such platforms.

The deliverable has been divided to the two main sections:

- Test descriptions: overview of the tests related to the specific platform.
- Results: reporting the lab test results.

Finally, the concluding remarks concerning the tests are given for making the assumptions if the RobustSENSE platform will meet the objectives of the project.