



## **PRoViScout - Planetary Robotics Vision Scout**

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## **D2.1.1 Science Requirement Document**

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Dissemination level: Restricted to other programme participants (including the Commission Services)

### **EXECUTIVE SUMMARY**

This document reviews previous landed missions with a remotely-controlled mobile component with respect to their overall characteristics and their main scientific goals. We critically assess their scientific achievements, considering the geological context in which they operated. Future mission characteristics and objectives (astrobiology) are considered, and incorporated into knowledge gained from previous experience. Based on these considerations, we define the scientific objectives that will be addressed by the project. We classify science requirements with respect to different instrument classes, which might be probing different objects or geologic environments. We also define the products that will be the results of the project, based on their benefit to scientific analysis. Finally, we discuss the respective merits of different candidate field sites for the PRoViScout field test.

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