

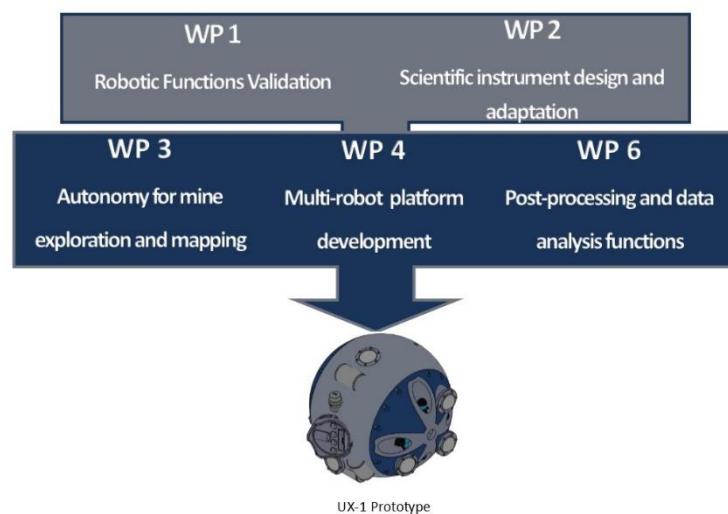
PRESS RELEASE

Hardware and software tests on UX-1 continue: prototypes in the lab and the field

Between the 4th and 6th of July, UNEXMIN partners got together in Porto, Portugal, at INESC TEC 's facilities to discuss the project in an interim Progress Workshop. The main goal of the workshop was to give an update of the work done before the meeting, to give an overview of future developments, and to further discuss the many achievements of the project and specifically of the UX-1 robotic system, for which the software and hardware tests being developed are of critical importance.

The first day consisted of a review of the work developed within the nine Work Packages (WP), with a focus on the technical work. On the second day of the workshop, a review meeting was held with a representative from the European Commission and an official external reviewer. The third and final day was dedicated to discussions on WP3 (autonomy for mine exploration and mapping), WP4 (multi-robot platform development) and WP6 (post-processing and data analysis functions); all of which are related to software and hardware developments of UX-1 and the multi-robotic platform.

The last few months have set the ground for many developments, notably: 1) UX-1's hull design is finalised and its manufacturing is starting this Autumn (WP1) and 2) laboratory and real environment tests for the instrumentation units have been completed (WP2). Progress in these two work packages is the first step for the work that recently started in WP3, WP4 and WP6, which will be the main focus from the consortium from now on.



Prototypes are being developed and tested by the project's technical teams. Software and hardware tools are being constantly designed, developed and perfected. The first real UX-1 prototype will be built starting from the end of 2017. This first fully functional UX-1 prototype is envisaged to be ready at mid-2018, in time for the first field demonstration in the UNEXMIN project, in the Kaatjala Mine, Finland.

MORE INFORMATION

<http://www.unexmin.eu/>



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