



## Progress Report – January-June 2021

Throughout the first semester of 2021, CLGE has defined and put in place all the necessary infrastructure to carry out the pilot projects in the 7 countries, including:

- Negotiation and formalisation of legal and technical agreements with National Cadastral and Mapping Agencies to grant us **access to local augmentation networks**, that will be used for pilot project in each European country,
- **Selection of supporting local surveyors** in each country. This task was conducted by CLGE project Team in close cooperation with national professional organisations,
- **Selection of survey sites** for each cadastral scenario / environmental condition. This task was carried out and achieved on the basis of the proposals formulated by the surveyors identified to benevolently support the operation.

On the basis of number of technical and organisational assumptions and prerequisites, we estimated that at least 5 consecutive months were considered necessary. We have also considered and planned that the order in which countries would be visited may be changed due to seasonal weather conditions (adequate atmospheric temperatures, absence of snow, etc.), or constraints in the availability of benevolent local surveyors.

Since mid-July, the full Galileo HAS (High Accuracy Service) signal that was opened by EUSPA (formerly GSA) has allowed project's technical team to conduct the calibration and testing phase of the equipment and networks prior to launching the test campaign.

We have been informed on Friday 27<sup>th</sup> of August that field operations could begin as from mid-September 2021, as expected.

However, this good news came with a constraint as we have learned that the availability of the signal is not guaranteed for as long as we would need to implement our pilot projects' sequence following our initial scenario.

Indeed, EUSPA is already planning to upgrade the signal and has therefore informed us of its intention to suspend the broadcast of the current signal before the end of 2021.

This would challenge us to conduct a maximum of tests in a maximum of countries in a minimum of time in the next few weeks. Also, we are thinking about **the feasibility of a new sequence to cover the 7 countries (or the maximum of them) by 15 December 2021.**

We stressed to the Project Coordinator that this operating scenario is quite a great challenge for the CLGE and all our partners on this activity, and that nothing can be imagined without the support and participation of our colleagues and fellow surveyors in each country.

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If this new assumption were to come to pass, we are planning to start in Italy during the third week of September (between the 20th and the 24th) before continuing in the other countries as follows:

- Italy (launch mission)
- France
- Germany
- Spain
- Czech Republic
- Estonia
- Croatia

Of course, in order to make this new organization possible, we plan to adjust the technical modalities of our intervention and to reduce the number of sites and therefore of cadastral scenarios and environmental conditions to 3 instead of 5.

The CLGE Project Team is currently discussing these options with local surveyors and partners in each country, all with the objective to guarantee, despite of this necessary choices and adjustments, the relevance and the quality of our work.

The Project Coordinator expects CLGE to submit a new work plan by Monday 6<sup>th</sup> of September before initiating formal discussions with EUSPA to obtain its formal agreement.

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Finally, in parallel with the continuation of operational activities, the first semester was punctuated by the **production of a new deliverable D4.2 - Pilot Project Surveying Standard and Data Collection Procedures (31<sup>st</sup> May 2021)**. The document describes the operational procedures for carrying out the Pilot Project survey on-the-field. This was followed by the **submission, on the 15<sup>th</sup> of July, of the Interim Technical and Financial Periodic report** by the consortium to the EUSPA (former GSA), on completion of the first 18 months of the project.

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