



Flood protection thanks to Slovak-Polish cooperation

The consortium of Slovak and Polish partners implements the FLOPRES project – a unique system for forecasting and preventing against flash floods in response to the increasing threat of flash floods due to climate change. The project started in September 2023.

The contract was signed with CINEA – European Climate, Infrastructure and Environment Executive Agency, as a delegate of the European Commission.

The FLOPRES project is implemented by these partners:

- **ESPRIT spol. s r.o., Banská Štiavnica**
- **GOSPACE LABS s. r. o., Bratislava**
- **Prešovský samosprávny kraj**
- **Mateo Spółka Z Ograniczoną Odpowiedzialnością, Warszawa a Małopolska Agencja Rozwoju Regionalnego S.A., Krakow.**

FLOPRES project proposes an integrated solution to support flood modelling, forecasting, early warnings, integration and analysis of multimodal data both for authorities responsible for water and emergency management at all levels and private persons who might be impacted by the consequences of climate change-related hazardous events. Our intention is also to raise awareness of the public and various stakeholders on a nature-based solution to adapt to climate change and make local communities and authorities work together efficiently under the same objective. As a result, the resilience of municipalities and their citizens to climate-change-related events will be strengthened and the risks stemming from climate change lessened.

Project progress and results

Final selection of pilot plots where we will develop the early-warning system (12/2023)

Within Prešov Self-Governing Region in Slovakia and Malopolska region in Poland, we finally selected pilot plots – the areas, where the monitoring elements of the warning system will be subsequently installed. The sites were identified and selected in cooperation with local authorities with an emphasis on maximum efficiency and stability of the system, minimisation of damage to life and property, as well as availability of historical meteorological and hydrological records of the sites necessary for calibration and validation of the system.

Signing of Memorandums of understanding (02/2024)

To set out the principles of cooperation in the implementation of project tasks with relevant stakeholders, we signed Memorandums of Understanding with some municipalities within selected pilot plots in Slovakia and Poland.

Support letters from Slovak and Polish water agencies (02/2024)

To underline the full support of project stakeholders for the project idea, the regional Slovak Water Management Authority in Košice signed a support letter on Slovak side and the Regional Water Management Authority in Krakow signed a support letter on Polish side.

Installation of first sensors in Slovakia (05/2024)

We started to install the first sensors in pilot plots in Slovakia!

Project events

- [Kick-off meeting in September 2023](#)
- [First roundtable about project in Slovakia on 7th February 2024](#)
- [First roundtable about project in Poland on 27th February 2024](#)
- [Second roundtable about project and its updates in Slovakia on 29th May 2024](#)
- [Second roundtable about project and its updates in Poland on 5th June 2024](#)

For more information, see the project's website: www.flopres.eu
Contact with us: flopres@flopres.eu

Kristína Maretová – project manager, marettova@esprit-bs.sk

Maroš Nikolaj – communication manager, nikolaj@esprit-bs.sk