

1st Open Call- Normal Projects	
Project code	ROHU-102
Project title	SILVER Mitigating the negative effects of hail in Satu Mare county
Priority axis	Improve risk-prevention and disaster management
Investment priority	5/b Promoting investment to address specific risks, ensuring disaster resilience and developing disaster management systems
Implementation period	70 Months (March 01, 2018- December 31, 2023)
Objective	Project main overall objective is to mitigate hail events in frequency and intensity, in the cross border area of Satu Mare and Szabolcs-Szatmár-Bereg counties by setting up a county level hail suppression system in Satu Mare county.
Partners	Lead Beneficiary: Territorial Administrative Unit of Satu Mare County (Romania)
	Project Partners: PP2: Hungarian Meteorological Service (Hungary)
TOTAL Budget	€ 1,544,205.00 out of which ERDF € 1,312,574.25
Summary	<p>The project aims to combine systems in the territory of Satu Mare county to put up a county-level hail suppression system based on the operation of ground generators in order to detect this natural hazard.</p> <p>The following activities are implemented within the project:</p> <ul style="list-style-type: none"> • Setting up the county hail suppression system (made up of 40 autonomous and energy independent generators, plus 4 additional generators as a reserve) and the command centre with the necessary equipment, hardware and software) • Testing the hail suppression system • Providing the maintenance and operation service for the hail suppression system • Purchasing and installing 50 new meteorological instruments for 9 meteorological stations (Cloud base meter, Visibility meter, present weather sensor, Disdrometer , Radiation detectors to measure components of net radiation, Sensors to measure soil humidity and soil temperature, Basic meteorological sensors, anemometer, thermometer and humidity meter, rain gauge). <p>The Programme Output Indicator is "5/b 1 <i>Population safeguarded by improved emergency response services</i>". Through the project ROHU-102, 350,000 people are better-protected by improved emergency response services.</p>

Main results	<p>The main results of the project are related to the installation of the new hail suppression system in Satu Mare county and the modernization of 9 meteorological stations from the Programme eligible area in Hungary.</p> <p>https://www.youtube.com/watch?v=-sUjdDKydwQ</p> <p>https://www.youtube.com/watch?v=q02ExoohVCg</p>
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