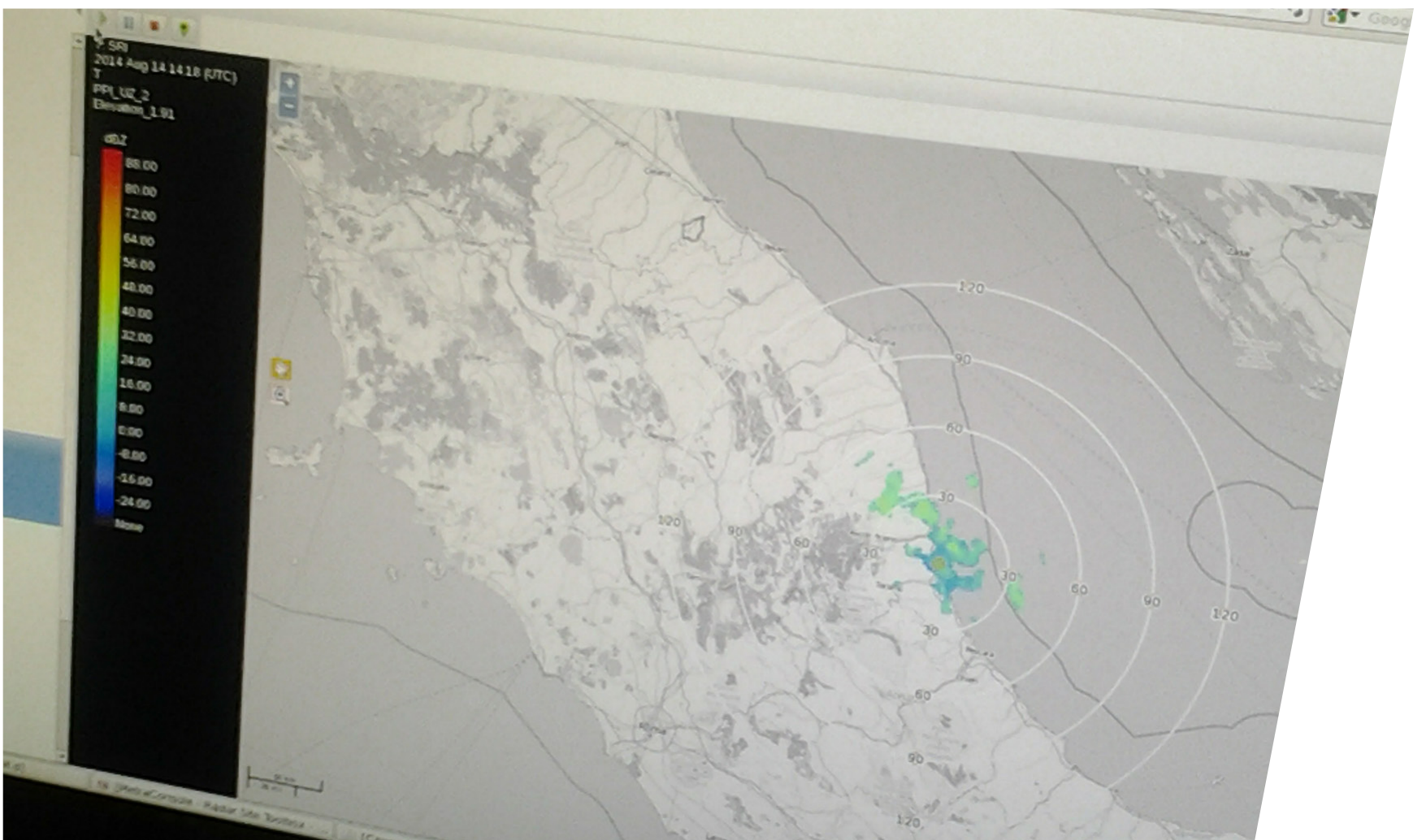


Adriaradnet: A radar has been installed in Abruzzo

An X-band radar system has been installed by Abruzzo Region at Tortoreto (TE) site. This radar is able to provide quantitative precipitation estimation with relatively high spatial and temporal resolution. In addition thanks to the polarimetric capacity and to a special software it is also able to classify the type of hydrometeor including snow and hail.

Technology transfer, approval of the administrative and operational procedures, data sharing, defining a governance model for civil protection focused on regulation and cooperation between the countries bordering on the Adriatic: these are the objectives of Adriaradnet project. One of the actors in this project is CFA (Functional Centre of the Abruzzo Region) led by Antonio Iovino who wanted to emphasize that “several excellent Italian technologies emerge in the Adriaradnet project. As an example the ELDES company that awarded three of the four tenders for the supply and the installation of the miniradar planned in the project. As well as CIMA Research Foundation that designed and developed DEWETRA platform for sharing data in real time.”

Mario Mazzocca (Civil Protection - Abruzzo Region) said “the system of Abruzzo Civil Protection is a model of excellence that combines the human factor, a large number of volunteers (grown exponentially after the earthquake that hit L’Aquila in 2009) and national and international technologies: our aim is to improve the forecast, the warning system and information provided by CFA in order to react quickly and efficiently to prevent hydro-meteorological emergencies.”



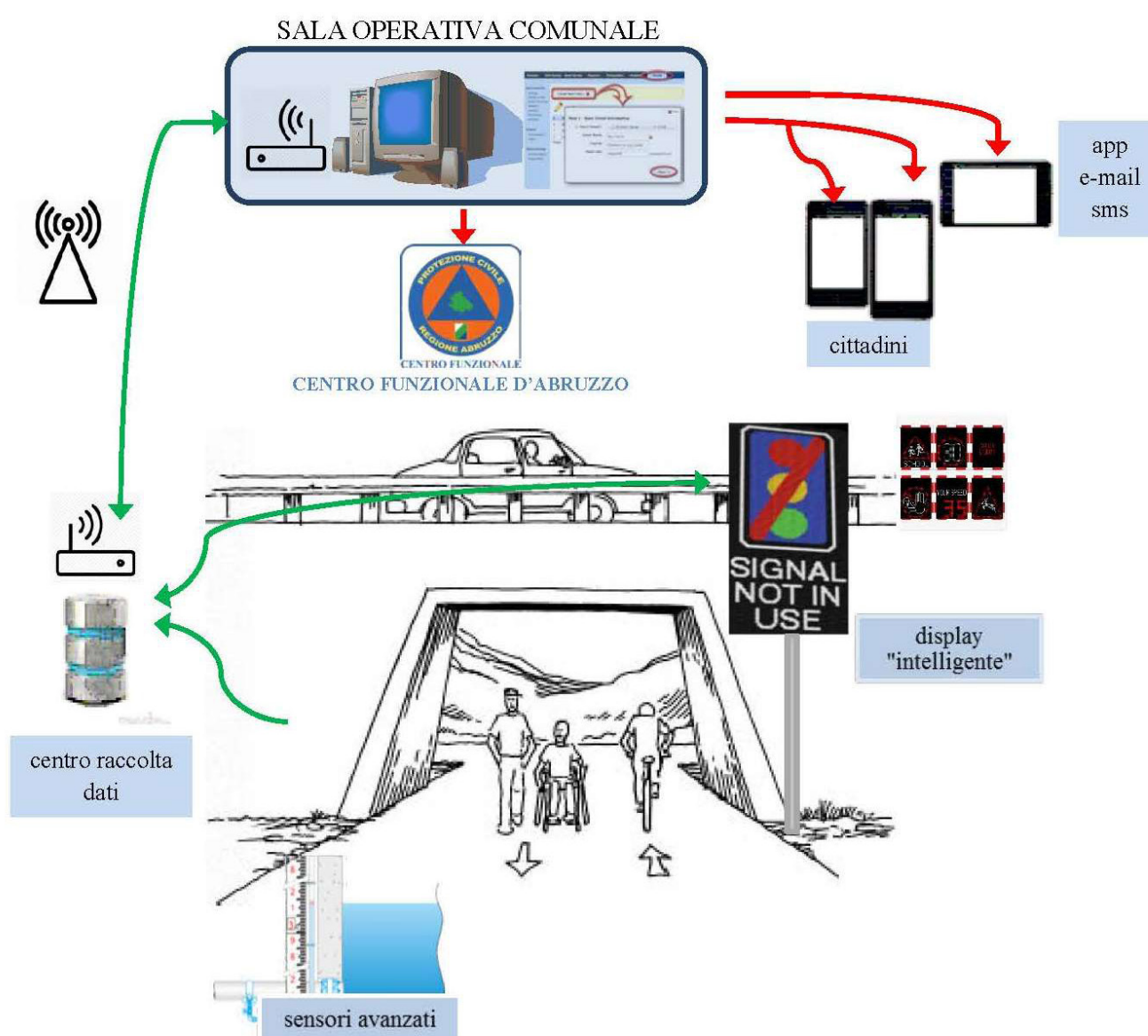
Soon a warning system for vehicular underpasses of the Abruzzo coast

The hydrogeological disasters that repeatedly damaged the Abruzzo territory have left a painful trail of destruction, in some cases marked by casualties.

The key objective of those involved in the “cycle of civil protection” is to improve the state-of-the-art capabilities in risk prevention and management related to hydrogeological hazard.

Mario Mazzocca, Regional Minister for the Civil Protection of the Abruzzo Region said: “I collected all requests received by regional departments to allocate resources for financing works that can support the Civil Protection in this effort. Above all, the prevention of the hydrogeological and hydraulic risk is our aim, financed by the 2007-2013 IPA Adriatic CBC Programme 2007-2013 and by the 2007-2013 Regional Operational Programme of the European Regional Development Fund, Axis IV - Activities 3.1.d. These European funds will allow us to realize preventative measures in municipalities of the Abruzzo coast particularly sensitive to extreme weather events. To this purpose a monitoring system, able to measure the water level, will be installed in underpasses, in order to better manage the traffic and quickly inform drivers and pedestrians in case of flood”. The Regional Minister explained that “the equipment will initially be placed at least in five coastal towns, chosen among those with the highest hydraulic risk and included within the coverage area of the weather radar installed at Tortoreto (Teramo). Data will be collected, processed and converted into warning levels to send to luminous display located near the underpasses in order to forbid the transit in case of flooding”. In this way, if an underpass will suffer flooding, the maximum safety would always be guaranteed to vehicles and pedestrians.

SCHEMA DEL SISTEMA DI ALLERTAMENTO SOTTOPASSI



**THE FINAL MEETING OF ADRIARADNET PROJECT
 WILL BE HELD IN L'AQUILA ON 23-24 JULY, 2015**

<http://cetemps.aquila.infn.it/adriaradnet/>



The project is co-funded by the European Union, Instrument for Pre-Accession Assistance

IPA Adriatic 2007-2013, the cross-border Cooperation Programme is the result of the joint programming performed by the concerned participating countries and it is part of the process of cooperation in the Adriatic.

Several factors make this cooperation important from a political and economic point of view: factors related to the political stability of the area and factors related to geographical and cultural proximity which make possible the intensification of multilateral relations between the Adriatic coastal regions to support local processes of harmonious growth sustainable development and unity among peoples. ■

www.adriaticipacbc.org

ADRIARadNet

It is a project conceived and coordinated by CETEMPS and Abruzzo region and cofunded by the European Union, Instrument for PreAccession Assistance

PARTNER

CETEMPS University of L'Aquila (Italy)
Civil Protection of Abruzzo Region (Italy)
Civil Protection of Marche Region (Italy)
Branch of CIMA Research Found. (Albania)
Institute of Geosciences IGEWE (Albania)
Ministry of Interior, Civil Emergence (Albania)
Dubrovnik Neretva County (Croatia)
Beep Innovation Srl (Italy)

DETAILS

Acronym: ADRIARadNet
Code: 2 ord./0231
Funds: Priority 3 Measure 3.3
Start: 1 October 2012
Duration: 36 months
Partners: 8
Lead Partner: CETEMPS
Budget: 2.668.183,00 €
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