

The AdriaArray project

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The AdriaArray is a new European-scale initiative to study the subsurface under our continent, following up on the successful AlpArray project, which has created many new insights about the Alpine region. AdriaArray will (again) have a massive seismological network as its core, federating researchers from 27 European countries, and more than 1,300 seismological stations. The spatial focus of the new AdriaArray will extend from the Alpine region to Southeastern Europe, to Poland, Ukraine and Greece – the region on and around the Adriatic plate. Goals are to better understand the subsurface at crustal, lithospheric and mantle depths, its deformation, seismicity, the major faults, the state of stress of the region, the geometry and nature of mantle slabs, and the geological evolution – and how the transitions between topographic and geological domains of the Alps, Pannonian Basin, Carpathians, Dinarides, Eastern European Craton, Balkans, and the Aegean occur. In this presentation we will revisit some of the major results from the AlpArray project, and present the AdriaArray consortium, and some of its scientific plans.