IBERARRAY: The Seismic Component of the TopoIberia Research program (current state).

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SUMMARY

Iberarray is a dense seismic array deployed following the spirit of US EarthScope project with the aim of studying the links between the deep litosferic processes and the crust in the Iberian peninsula. Therefore, a dense network of broad band seismic stations is being deployed in southern Spain and northern Morroco. This network is dedicated to produce a relatively large dataset with an unprecedented resolution in the area of the complex interaction between the European and African continental plates. A 50x50 km grid has been deployed in southern Iberia, 30 BB stations, and similarly 20 BB stations have been deloyed in northern Morroco. The Iberarray is the seismic part of the multidisciplinary TOPOIBERIA project which aims to constrain the processes forming the landscape of the Iberian Peninsula.

