

REQUEST FOR ADDITIONAL RESOURCES IN THE CURRENT YEAR FOR AN EXISTING SPECIAL PROJECT

Please email the completed form to special_projects@ecmwf.int.

MEMBER STATE: Germany

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Project title: Copernicus Atmospheric Monitoring Service – Air Quality and Composition – Regional Component (CAMS_50)

Project account: SPDEFRIU

Additional computer resources requested for		2019
High Performance Computing Facility	(units)	1,250,000
Data storage capacity (total)	(Gbytes)	

Continue overleaf

¹ The Principal Investigator is the contact person for this Special Project
Jun 2019

Technical reasons and scientific justifications why additional resources are needed

With the regular update of the CAMS_50 operational service in November 2018 the horizontal resolution of the EURAD_IM regional air quality forecast as well as air quality analysis has been increased from 15 km to 9 km. More computing time than expected at the time of application for this special project is needed for the daily model simulations with increased resolution.