

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

MEMBER STATE: France (in association with other Member and Associated States)

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Project title: Investigation of coupling the ALADIN and AROME models to boundary conditions from ECMWF and ERA model data

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Project account: SPFRCOUP

Additional computer resources requested for	Current Year (2009)
High Performance Computing Facility (units)	30 K
Data storage capacity (total) (Gbytes)	200 Gb

Continue overleaf

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

Technical reasons and scientific justifications why additional resources are needed

The Special Project seems somewhat ... victim of its success in 2009 ! Several Aladin partner countries have now been able to identify local human resources for exploiting the S.P.'s provided facilities, like access to the HPC, ready-to-use scripts for model data conversions, some allocated computational resources for testing.

The general goals of SPFRCOUP have not changed: any involved partner is invited to test the available facilities and participate on the evaluation of coupling strategies with respect to his own, local forecast system. This type of effort presently also is more inline with the general trend fostered for instance by the Eumetnet/Interoperability Project. Thus, whatever experience Aladin partners can gain via the SPFRCOUP effort, can be a valuable step for any future application of the Interoperability concept.

After three years where the Billing Units mostly were under-consumed, 2009 appears eventually as a year of more steady activity in the partner centers. I therefore propose that the computational resources for 2009 shall be expanded by about a factor 2 (we're in June, taking into account possible autumn and winter activity). This thinking leads to asking for an additional 30 k SBU for 2009. Some extra storage space also is requested, for the sake of security ($\frac{1}{4}$ more than the yearly request for the Project).

Kind regards,
Claude Fischer