

JOINT MEETING OF CSSI and LSMG

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CSSI

- Coordinators for Scientific and Strategic Issues
- Mandate from the Assembly of Partners
- Members: L. Gerard (Be), R. Brozkova (Cz), D. Giard (F), A. Horányi (H), A. Mokssit (Mo), D. Banciu (R)
- Tasks: coordination, establish priorities, survey relations with other SRNWP groups, follow AROME project
- Actions: meetings (Budapest, de Bilt), proposal of new type of coordination, participation on CIPN

LSMG

- LACE (Scientific) Management Group
- Members: Working Group Leaders (G. Bölöni, P. Smolikova, T. Haiden), ALADIN Source Code Coordinator (O. Spaniel), Data Manager (S. Ivatek-Sahdan). Project Leader (D. Klaric)

TOPICS OF DISCUSSIONS (physics)

- Problematics of physics in view of AROME (timestep organisation, diabatic forcing, convection scheme, problems related to the „grey zone”, physics-dynamics interface, first preliminary results, etc.)
 - How to coordinate the different developments (ALADIN, meso-NH, AROME) for a smooth convergence?
 - How to maintain and merge the different versions?

TOPICS OF DISCUSSIONS (data assimilation)

- „Upscaling/downscaling” difficulties, cost issues, longer range plans for 4d-var, new observations)
 - How to distribute (share) the development work (AROME and ALADIN)?
 - How the coordination between the two teams would be ensured (more general)?

TOPICS OF DISCUSSIONS (coupling and dynamics)

- Coupling (progress at HIRLAM for revisiting the Davies scheme, two-way coupling)
 - How to tackle the revisit of coupling strategy?
- Non-hydrostatic dynamics (robust NH dynamics, „chimney” problem)
 - No real obstacles foreseen, common for ALADIN and AROME

TOPICS OF DISCUSSIONS (general)

- Upscaling or downscaling (2-3 km to 10 km or reverse)?
- Cost issue (driven by physics, but applying everywhere)?
- Maintenance, phasing (who, when)??