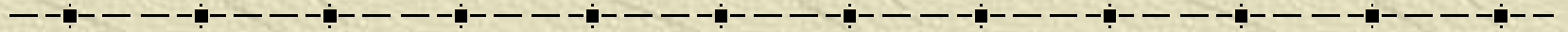


**An attempt to define the scope of
the ALADIN-2 effort from the
'no man's land'**

J.-F. Geleyn

Outline of the presentation

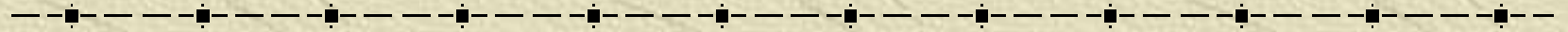


- ✦ Inconsistencies
- ✦ Rights of the Partners?
- ✦ Duties of the Partners?
- ✦ Where to find a compromise space?

Inconsistencies (taken from my says in a discussion with P. Courtier end of March 2003)

- ✦ ALADIN Partners should be drawn in the AROME framework a.s.a.p., but to do what: get ‘ upstream tasks subcontracted to them’ or ‘ treat problems M-F is unintersted in’ ? Is there nothing between these demobilising extremes?
- ✦ Which type of R&D for ALADIN-2? something without operational backconstraints defined at the start is indeed not adapted to what will be useful in operations for only a limited time-window.
- ✦ How can one say that the physics has to become scale-dictated, that the 3-7 km is messed by parameterisation issues but that there is no specific identity at 10km (the ‘ truth’ coming from 2km and/or 50km)?

Rights of the Partners (personal opinion, but based on many input informations)



- ✦ A software transition that will be done at as little as possible meteorological change (this is not comparable to M-F situation where the ‘ new’ AROME application will be de-facto the main tool). This implies specific efforts on each side of the ‘ divide’ .
- ✦ Some focused attention on operational efficiency.
- ✦ A participation in the political decisions concerning the parts where they bring manpower contributions.

Duties of the Partners (personal opinion, but based on many input informations)

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- ✦ To care themselves for protecting AROME from the duplication of efforts that the ‘ convergence’ necessarily requires.
 - ✦ To be selective enough to reduce the above-mentioned burden for themselves.
 - ✦ To organise themselves around a new way to monitor and steer their own progress (M-F provides the ‘ seeding’ means for this and it seems they are sometimes considered as irrelevant).

Where to find a compromise space?

-
- ✦ The dream to go back to the ‘ old situation’ must be forgotten. We need compromises more than post-event agreements.
 - ✦ Flexibility in front of the new challenges is the key issue to finding most of these compromises.
 - ✦ This requires mutual trust (even ‘ triangularly’ !) that the way to use these degrees of freedom will not be channeled for too short term considerations => let us try to do today some first steps in this direction.