

# COOPERATION AGREEMENT WITH HIRLAM

Agenda: 3.2

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# CONTENT

- Background
- Main elements (research and development)

## BACKGROUND (1)

- October, 2004: ALADIN Assembly, resolution
- April, 2005: HIRLAM Council, nomination of task force for the HIRLAM-ALADIN cooperation agreement (Bartolome Orfila, Jörgen Nilsson, Christian Blondin)
- June, 2005: HIRLAM Council, decision on bilateral agreement (HIRLAM and ALADIN)
- August, 2005: Nominations to the task force from ALADIN
- August-September, 2005: formulation of the draft agreement

## BACKGROUND (2)

- September, 2005: HIRLAM Council, discussions about the agreement
- ALADIN Assembly: discuss the recent version of the agreement and give a mandate for the chairman of the Assembly for signing it at the beginning of December at the HIRLAM Council (proposal)

# COOPERATION AGREEMENT (1)

- Objective: to provide state-of-the-art NWP model for short and very short range for ALADIN and HIRLAM members
- Scope:
  - Mesoscale modelling including the full NWP suite (observation processing, assimilation, forecasting, post-processing, verification, probabilistic forecasting)
  - Strategic framework (5-10 years of period)
  - Research and development activities around the HIRLAM-ALADIN system
  - Cornerstone: code cooperation about the IFS/ARPEGE/ALADIN/AROME code system

## COOPERATION AGREEMENT (2)

- Commitments:
  - Contribution to research and development based on annual arrangements
  - Contribution to code coordination and phasing
  - New joint developments to be put into the common code
  
- Collaboration:
  - Coordination group: Programme Managers from HIRLAM and ALADIN
  - Details of the work are specified in annual common research/work plan (including deliverables and milestones)
  - Number of projects might be defined (with objectives and targets)

## FINAL REMARKS

- Code cooperation around the ARPEGE/IFS software system
- Strategic (5-10 years) and annual planning
- Commitments for research and development and for code maintenance
- More details about common scientific planning under Agenda point 4.4