

# **ALADIN WORK PLAN FOR 2004**

## **" BOUNDARY CONDITIONS "**

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# 1. Operational suites

→ One must keep them running !

→ Forecasts must keep improving !

**Examples of problems mentioned :**

- ✓ low cloudiness & winter inversions ⇒ bad T2m (Cz, Be)
- ✓ bad T2m last summer (Fr)
- ✓ "warm Aladinades"
- ✓ ...

**Required effort :**

- ✓ at least 1 full-time person at home (minimum minimumum)
- ✓ including updates, case studies, objective verification : **≥ 18 p.m. per team**

## 2. People

→ **No super-women, no super-men ! :**

maximum effort :  $\leq$  **11p.m. per**

**person**

→ **Considering the size of teams**

→ **Considering individual experience, topics of interest, and constraints**

→ **What about training in 2004 ?**

## 3. Money : Fundings for stays

### → Météo-France

#### "Maintenance" (per-diem + travel costs), in Toulouse

× 29 travels , 48 months per-diem

× already scheduled :

- ✓ Phasing : 9 stays, 10 months
- ✓ PhD theses : 5-6 stays, 8-10 months
- ✓ radar : 3-4 stays, 7-9 months
- ✓ 3d-FGAT : 1 stay, 1.5 months

× left : at least 9 stays of 2 months

#### "D2I/INT" (per-diem), in Toulouse

× 1 stay of 1.5 months from 2003, 6 stays of 1.5 months for 2004

× already scheduled / done : 2 (S. Stefanescu – PhD-, J. Cedilnik – 2003-)

× left : 5 stays of 1.5 months

#### "JFG"

× no constraint on the place, 2 stays of 1 month

#### "Embassy" (per-diem)

× Algeria, Morocco : not yet scheduled

× Tunisia : 1.5 months on source code management  
+ 11 months PhD thesis (including a 6 months ELDAS grant)

## → LACE

x in Toulouse : 3 stays of 1 month (*dyn.*) + 2 stays of 1.5 months (*phasing*)

x in Prague : 2 stays of 1 month (*dyn.*) + 2 stays of 1 months (*D.A.*)

x in Vienna : 1 stay of 1 month (*dyn.*) + 2 stays of 1 month (*phy.*)

x in Budapest : 2 stays of 1 month + 2 stays of 1.5 month (*D.A.*)

x in Bruxelles : 1 month ? (*phy.*)

x + ?

## → ALATNET

x 2 stays of 1 month in Toulouse in February)

## → Else

x 4 p.m. stays for Cz

x ?

## 4. Money : Fundings for meetings

→ none for some teams, limited for all ...

→ extra support from Météo-France : 25 travels

→ several European / international workshops !!!

<i>dates</i>	<i>place</i>	<i>meeting</i>
12-13 February	Prague	AAA
1-3 March	Madrid	All Staff Meeting HIRLAM
Spring	Norköpping	workshop HIRLAM-SRNWP on surface and PBL
Spring	De Bilt	workshop SRNWP on verification methods
23-28 May	« Naples »	Adjoint Workshop
1-5 June	Innsbrück	workshop ALADIN
4-7 October	Oslo	workshop EWGLAM-SRNWP
28-30 October	Split	Assembly of partners ALADIN
15-17 November	Exeter	workshop SRNWP-HIRLAM on variational assimilation
Autumn	?	workshop SRNWP on numerical techniques

⇒ careful schedule of coordination meetings !!!

# 5. Coordination

## **Absolutely necessary**

✗ inside sub-projects

✗ between sub-projects

✗ between "thematic" and "national" coordinators

## **By email first**

✗ update of diffusion lists ?

## **Only a few meetings allowed**

## **Participation from all partners required !**

✗ for the draft plan, we got answers from the following : Belgium, Croatia, Czech R., France, Hungary, Poland, Romania (+LACE)

## **List of coordinators needed**

## 6. Maintenance

evolution of contributions along the last years

effort / year	1998	1999	2000	2001	2002	2003
maintenance (p×m)	32.5	25.0	55.0	53	66.5	~66
phasing teams* (p)	12	13	14	11	14	15

- excluding the French contribution, and including deported work

### Distribution of work

% of phasing and maintenance efforts,  
excluding the French team,  
including deported maintenance (after corrections !)

	1998		1999		2000		2001		2002		2003	
Belgium	6.3	3.1	3.0	14.0	0.0	4.6	8.1	13.5	8.1	3.5	11.6	6.7
Bulgaria	28.1	16.9	24.2	16.0	5.0	6.2	24.3	21.6	8.1	7.1	14.0	10.1
Morocco	18.8	18.5	24.2	16.0	0.0	6.2	0.0	8.1	21.6	10.6	14.0	13.5
Moldova	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poland	0.0	4.6	0.0	0.0	5.0	12.3	8.1	10.8	8.1	8.2	7.0	16.9
Portugal	0.0	6.2	0.0	0.0	0.0	0.0	8.1	5.4	0.0	1.2	0.0	1.1
Romania	15.6	10.7	6.1	12.0	7.5	7.7	0.0	4.1	0.0	1.2	7.0	4.5
Tunisia	-	-	-	-	-	-	0.0	0.0	0.0	4.7	0.0	0.0
Austria	0.0	0.0	0.0	0.0	7.5	4.6	0.0	0.0	8.1	4.7	0.0	1.1
Croatia	9.4	4.6	9.1	6.0	20.0	12.3	8.1	5.4	0.0	5.9	14.0	13.5
Czech R.	6.3	3.1	6.1	4.0	17.5	12.3	10.8	6.8	13.5	10.6	2.2	2.2
Hungary	0.0	9.2	12.1	8.0	15.0	9.2	13.5	12.2	21.6	10.6	16.2	12.4
Slovakia	15.6	20.0	9.9	12.0	15.0	15.4	13.5	8.1	10.8	7.1	14.0	14.6
Slovenia	0.0	6.1	6.1	12.0	7.5	9.2	5.4	4.1	0.0	24.6	0.0	3.4
<i>total effort</i>	16.0	32.5	16.5	25.0	20.0	32.5	18.5	37.0	18.5	42.5	21.5	44.5

Common verification project

## PHASING : WHAT MUST BE IMPROVED ?

More balanced contributions

The target size of 8 persons per phasing team in Toulouse was never reached

More experts in data assimilation needed

Not only beginners !

Schedule of operations : seems ok now

Organizing another workshop/training on maintenance in 2004