



Looking Back

Piet Termonia

<http://www.umr-cnrm.fr/aladin/>

COPIE

MINISTERE DE L'EQUIPEMENT, DU
LOGEMENT,
DES TRANSPORTS ET DE LA MER

DIRECTION DE LA METEOROLOGIE
NATIONALE

27 NOV. 1990

Boulogne, le

ETABLISSEMENT D'ETUDES ET DE RECHERCHES METEOROLOGIQUES	
908542	27 NOV. 90
ARRIVEE	

Affaire suivie par : J.P. Celegn et

O. Lanoogson

Reference à appeler : MN/RIy 045466

Monsieur le Directeur et cher Collègue,

Par cette lettre, la Direction de la Météorologie Nationale souhaite proposer aux services météorologiques des Pays d'Europe Centrale une collaboration dans le domaine de la Prévision Numérique du temps (P.N.). Cette proposition s'inscrit dans une perspective à moyen terme et vise à valoriser et à accroître l'expertise déjà existante dans votre Service ou votre Pays, tout en générant des retombées positives pour nos propres actions. Elle est complémentaire de la distribution RETIM des produits du système français de P.N. EMERAUDE/PERIDOT (bientôt remplacé par le système ARPEGE).



1990

2007



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**Seminar on High Resolution Modelling
Radostovice, 15-26 May 2000**

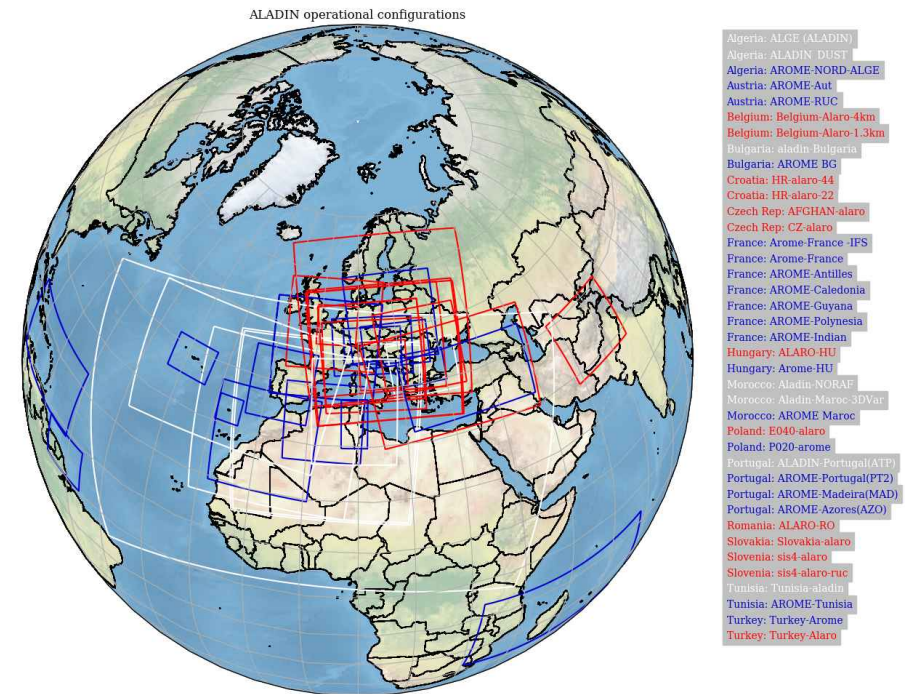






Principles

- care for code engineering (phasings, NWP code norms, ...),
- scientific autonomy of the participating members
- the quest for cheap solutions to make sure all participating members could run a state-of-the-art NWP system.





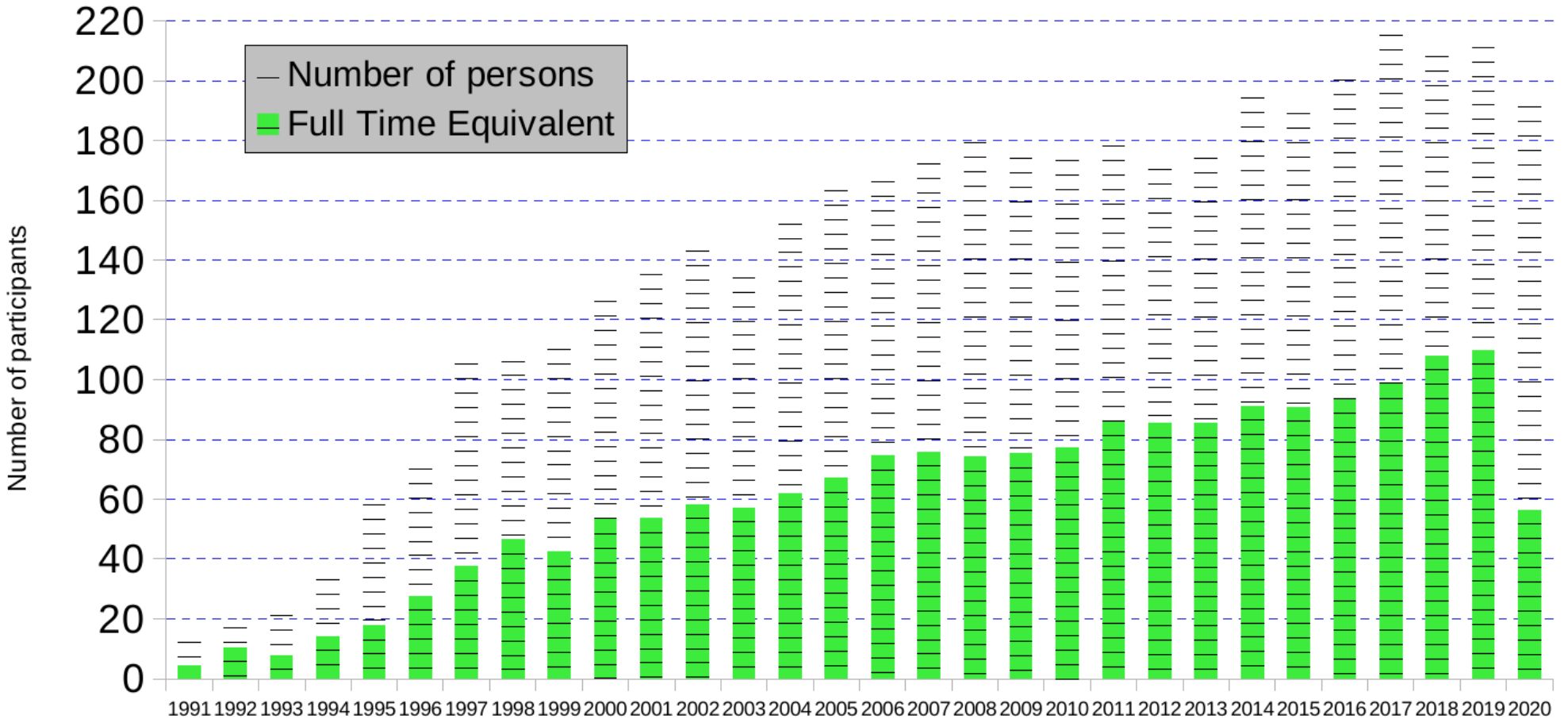
From 2010 onwards





Total participation in the ALADIN project

Evolution of the yearly Full Time Equivalent (green)







BIRTHDAY Cake
26th ALADIN WK
& HIRLAM ASM
Icebreaker
April 4, 2016
Lisbon



ALADIN 25th Anniversary

1991-2016

So many events ...

From 4 to 16 Partners

ALADINers ...

Pioneers :

- Diazmi, Jean-François, Raubéa, Vlat
- Alan, Arntsen, Zylke, Vanoverga, Victor
- Gabon, Mousi, Marik, Martin, Marali,
- Chene, Klaus, Lubon

Golden ages of
Toulouse
developments
and
Aladist adventures

Top 15 of the biggest contributors (manpower)

- 1. Radmila 2. Lili 3. Jean-Raviv 4. Nava 5. Clasio
- 6. Patricia 7. Pily 8. Paul 9. Andrey 10. Marko
- 11. Alex 12. Syut 13. Alex 14. Doris 15. Jean-François

So many achievements ...

Total participation in the ALADIN project

Since 1991:

- +15000 registered actions
- 1270 Full Time Equivalents
- 35 persons year over 25 years
- 600 persons (1 week to 21 effective years of contributions)
- 30% Women (30% manpower)
- 2500 stays/visits, 300 persons, 17% non-europeans, 1 year duration: 3 months
- 30 2015: 46 FTE, 140 persons, 25 persons 2 50% on ALADIN
- 20 persons a 1/3 registered work

So many achievements ...

- Coordinating training courses (ALADIN, ALARD, AROME), seminars (ALATNET), WW, WD, ...
- 41 ALADIN Newsletters + 2 ALADIN HIRLAM Newsletters
- 23 PAC deliveries + 46 going FMOs
- 23 Local Team Managers meetings
- 12 PAC meetings and 2 joint HIRLAM meetings
- 46 Management Meetings (mostly Sundays meetings until 2008)
- 20 (General) Assemblies of ALADIN Directors (and 1 joint meeting with HIRLAM Council)
- 26 ALADIN Workshops - 15 ALADIN Who only, 6 Who in parallel with ASM, 5 fully joint meetings

2500 decks to ALG (1990), 11000 in cycle 40 (2010)

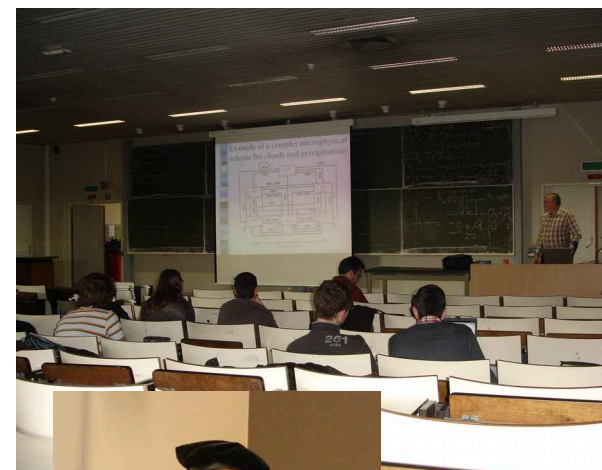
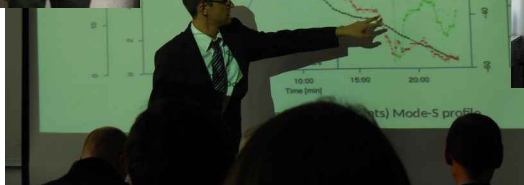
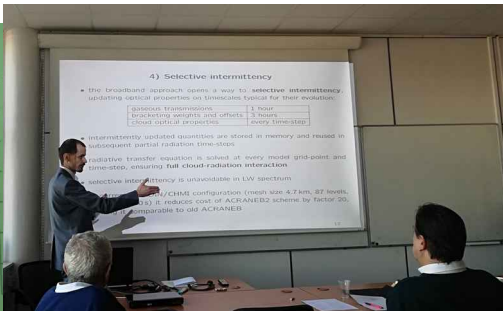
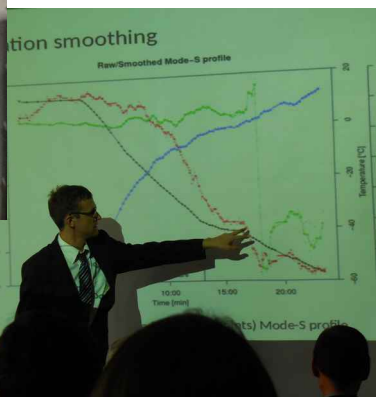
2 Millions lines in the code (48% per year in 1995-2007, less nowadays)

26 operational configurations all around the world, running on a wide range of computers





Academics





2014



Recognizing the capabilities and achievements of the NMHS belonging to Aladin and Hulam consortia:

1. The NMHS present at the joint Aladin-Hulam meeting (dec 2, 2014) share the same objective to jointly develop and maintain the best possible skilled limited area weather forecasting system, building on the developments of the IFS/Arpege global forecast system and on the Aladin and Hulam limited area systems. This limited area system is defined as a set of data pre-processing, data assimilation, atmospheric model and postprocessing tools for producing the best possible operational mesoscale weather forecasts.

2. Aladin and Hulam consortia will work together with the aim of forming one single consortium by the end of the 2016-2020 MoUs. To this aim, the following issues have to be resolved:

- code ownership (software IPR) : current situation and suitable evolutions. In particular advantages vs drawbacks of open source solutions should be assessed;
- data policy (access to model outputs) ; to this aim a map of the various current operational configurations of the limited area system should be produced and scenarios for data dissemination should be assessed;
- global picture of annual contribution of countries to the various types of activities (from fundamental research to code implementation);
- identification of common activities and specific activities (possibility of core and optional programs);
- branding (including suitable evolution of the name of the system).

3. Human resources to support the work will be identified.

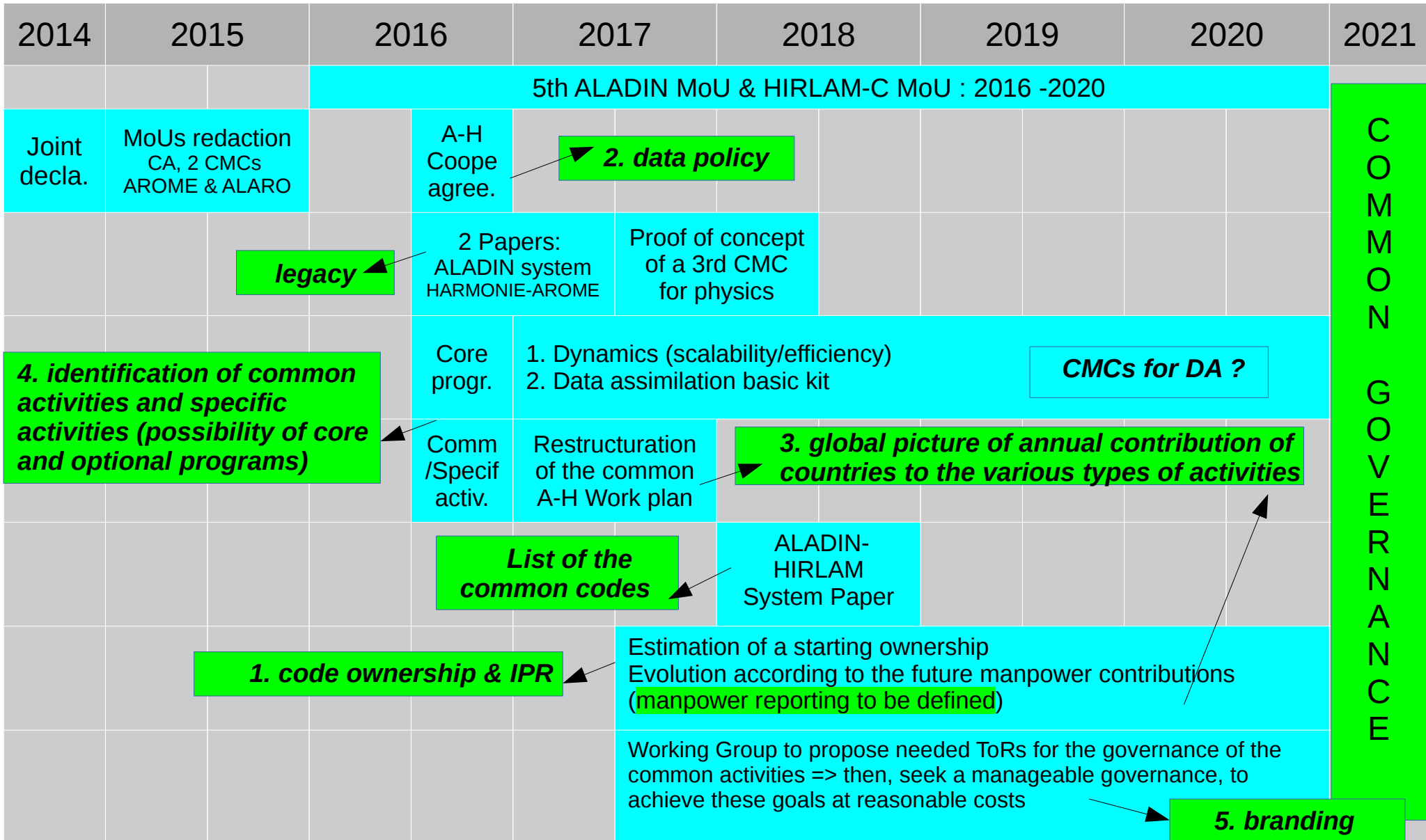
4. Both PM will report every six months on those issues to the consortia governing bodies.

5. Joint meeting of governing bodies of both consortia will be held at least once a year.





ROADMAP





Jean-François Geleyn liked big ambitions and he strongly believed in international collaboration within and outside Europe.

His principles are today more relevant than ever. His legacy on the science, the work practices and the coordination aspects will continue to live within this new consortium.