

MINUTES: SRNWP BUSINESS MEETING

Compiled by Andras Horanyi
Date and time: 1st of October, 2009, 11:00 – 12:00
Chairman: Andras Horanyi

The discussion was triggered by the powerpoint presentation of Andras Horanyi, however due to the lack of time not all the issues were discussed in details. Just three issues are mentioned hereafter: membership, Expert Team and forthcoming workshops

Membership: Serbia recently joined EUMETNET and also the C-SRNWP Programme. Their representative was already taking part in the meeting. Russia became full member of COSMO, therefore they became also (informal) member of C-SRNWP. Poland is the only EUMETNET member, who is not formally (contributing) member of the C-SRNWP Programme. The Programme Manager was asked to introduce the new members at the beginning of the meeting (rather than at the end during the SRNWP Business Meeting). There are some changes in the contact points for the members, therefore the list will be updated after the meeting.

Expert Teams (ET): The list of Expert Teams were revised and it was decided not to modify the existing list, rather to specify the scope for the “Link with applications” ET. Based on the proposal coming from the ET it was supported to define the scope for this ET as “interpretation of mesoscale forecasts for the forecasters” and “numerical weather prediction as tool for nowcasting”. Also about the “link with applications” ET it was raised whether “link with regional climate modelling” in the framework of this ET can be considered or a separate ET might be created. After all it was agreed that this topic neither will not be taken by the “applications” ET and nor a new ET will be created (since this topic is not really fitting into short range weather prediction). The Advisory Committee (its meeting was held afterwards) can finally confirm these proposals around the Expert Teams. Also some membership issues were raised and will be directly addressed to the heads of the Consortia.

List of planned workshops: A preliminary list was presented and will be circulated after the meeting in order to have this part of the SRNWP webpage up-to-date.

ANNEX: PRESENTATION OF THE PROGRAMME MANAGER

<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <h2 style="text-align: center; color: orange;">SRNWP: BUSINESS MEETING, 2009</h2> <p>C-SRNWP „responsible member”: Hungarian Meteorological Service (OMSZ)</p> <p style="text-align: center;">Period: 2008 - 2011</p> <div style="text-align: center;">  </div> <p style="text-align: center;">András Horányi (horanyi.a@met.hu)</p> <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 1</div>	<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <h2 style="text-align: center; color: orange;">CONTENT</h2> <ul style="list-style-type: none"> Basic information about the C-SRNWP programme Expert Teams and some related issues Content of EWGLAM/SRNWP meetings Advisory Committee Some remarks on the other SRNWP programmes Administrative matters (contracts, invoices) Planned workshops Additional issues Strengths and weaknesses <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 2</div>												
<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <h2 style="text-align: center; color: orange;">C-SRNWP: MAIN OBJECTIVES</h2> <ul style="list-style-type: none"> Improved scientific cooperation between the 5 LAM Consortia (ALADIN, COSMO, HIRLAM, LACE, MetOffice) in Europe for numerical weather prediction (NWP) through the initiation and execution of joint projects <ul style="list-style-type: none"> – Expert Teams and their workplans Enhanced operational cooperation through harmonisation of standards and increased interoperability between models <ul style="list-style-type: none"> – Interoperability (SRNWP-I) and verification (SRNWP-V) programmes Effective diffusion of NWP knowledge and enhanced practical cooperation in NWP <ul style="list-style-type: none"> – Thematic SRNWP workshops – Webpage: srnwp.met.hu <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 3</div>	<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <h2 style="text-align: center; color: orange;">PARTICIPATION (TWO LEVELS: CONSORTIA and PARTICIPATING STATES)</h2> <ul style="list-style-type: none"> Consortia: ALADIN, COSMO, HIRLAM, LACE, MetOffice Serbia (welcome!!) recently joined EUMETNET and C-SRNWP! <ul style="list-style-type: none"> – EUMETNET members (and): Austria, Belgium, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Luxemburg, the Netherlands, Norway, Poland, Portugal, Serbia, Slovenia, Spain, Sweden, Switzerland, United Kingdom – Non-EUMETNET members: Bulgaria, Czech Republic, Romania, Russia, Slovakia, Turkey, (Lithuania) <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 4</div>												
<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <h2 style="text-align: center; color: orange;">SRNWP CONSORTIA (5) and MODELS (4)</h2> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: yellow;"> <th>CONSORTIA</th> <th>MODEL</th> </tr> </thead> <tbody> <tr> <td>ALADIN</td> <td>ALADIN (ALARO, AROME, HARMONIE)</td> </tr> <tr> <td>COSMO</td> <td>COSMO</td> </tr> <tr> <td>HIRLAM</td> <td>HIRLAM (HARMONIE: ALADIN, ALARO, AROME)</td> </tr> <tr> <td>LACE</td> <td>ALADIN (ALARO, AROME, HARMONIE)</td> </tr> <tr> <td>MetOffice</td> <td>Unified Model</td> </tr> </tbody> </table> <p style="color: white;">Remark: ALADIN (LACE) and HIRLAM are working on code collaboration around the IFS/ARPEGE/ALADIN/ALARO/AROME (HARMONIE) code</p> <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 5</div>	CONSORTIA	MODEL	ALADIN	ALADIN (ALARO, AROME, HARMONIE)	COSMO	COSMO	HIRLAM	HIRLAM (HARMONIE: ALADIN, ALARO, AROME)	LACE	ALADIN (ALARO, AROME, HARMONIE)	MetOffice	Unified Model	<div style="text-align: right; font-size: small; color: white;">SRNWP</div> <div style="text-align: center;">  <p style="text-align: center; color: white;">Latest change: Russia became full member of COSMO!</p> </div> <div style="font-size: x-small; color: white;">EWGLAM/SRNWP, Athens (Glyfada) 1 October, 2009 6</div>
CONSORTIA	MODEL												
ALADIN	ALADIN (ALARO, AROME, HARMONIE)												
COSMO	COSMO												
HIRLAM	HIRLAM (HARMONIE: ALADIN, ALARO, AROME)												
LACE	ALADIN (ALARO, AROME, HARMONIE)												
MetOffice	Unified Model												

SOME RECENT CHANGES IN CONTACT POINTS

COUNTRY	OLD	NEW
ROMANIA (COSMO)	VICTOR PESCARU	GHEORGHE STANCALIE
ITALY	MASSIMO BONAVITA	ADRIANO RASPANTI MASSIMO FERRI
POLAND (COSMO)	ANDRZEJ MAZUR	JOANNA LINKOWSKA
the NETHERLANDS	GERARD CATS	GERRIT BURGERS
SERBIA	-----	LJILJANA DEKIC ANA MIHALOVIC
PORTUGAL	MARIA MONTEIRO	VANDA COSTA
RUSSIA	-----	???

SOME BASIC FACTS ABOUT THE CONSORTIA SRNWP

	ALADIN	COSMO	HIRLAM	LACE	MetOffice
Model	spectral	gridpoint	gridpoint/spectral	spectral	gridpoint
Highest body	Assembly	STC	Council	Council	„internal”
Advisory body	CSSI	SMC	HAC	LSC	MOSAC
Management	PM (full)	SPM (part)	PM (full)	PM (full)	„internal”
Scientific organisation	through CSSI members	WG + PP + PT	Project Leaders	Area Leaders	„internal”
Annual meeting	ALADIN workshop (ASM)	General Meeting	ASM (ALADIN workshop)	ALADIN workshop (ASM)	Users Meeting
Budget	„flat-rate”	---	two-scale	GNI-based	„internal”

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C-SRNWP GOVERNANCE SRNWP

- Programme Manager (coordinator)
- SRNWP Advisory Committee: heads of LAM Consortia and PM (fellow SRNWP PMs)
- Programmes: interoperability (SRNWP-I), verification (SRNWP-V)
- Expert Teams
- Annual meeting (EWGLAM/SRNWP)

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LIST OF EXPERT TEAMS (CROSS-CONSORTIA WORKING GROUPS) SRNWP

- Data assimilation and use of observations
- Diagnostics, validation and verification (→ SRNWP-V)
- Dynamics and lateral boundary coupling
- Link with applications
- Predictability and EPS
- Surface and soil processes (mode)
- System aspects (→ SRNWP-I)

New ETs: Sport Expert Teams



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EXPERT TEAMS: MAIN TASKS SRNWP

- The members are nominated by the Consortia (max. 3 members per Consortia), so they represent their respective LAM Consortia (chairpersons are elected by the ET members)
- ETs prepare workplans for their area of interest
 - Specific areas of interest for cross-Consortia cooperation
 - Ideas and plans for workshops, meetings
- Help in the organisation of the annual EWGLAM/SRNWP meeting
- Execution of the workplans (frequent email exchanges; generic email addresses exist, informal meetings, research stays, projects, SRNWP workshops etc.)

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EXPERT TEAM: DATA ASSIMILATION AND USE OF OBSERVATIONS (6 members present) SRNWP

13 members	CORE	ADDITIONAL
ALADIN	<u>Claude Fischer</u>	Loik Berre <u>Maria Derkova</u>
COSMO	<u>Christoph Schraff</u>	---
HIRLAM	<u>Nils Gustafsson</u>	Harald Schyberg
METOFFICE	<u>Bruce Macpherson</u>	Sue Ballard Richard Renshaw
RC LACE	<u>Gergely Boloni</u>	Marian Jurasek <u>Tomislav Kovacic</u>
ECMWF	Lars Isaksen	---

EWGLAM

A very well organised Expert Team!

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EXPERT TEAM: DIAGNOSTIC, VALIDATION AND VERIFICATION (6 members present) SRNWP

14 members	CORE	ADDITIONAL
ALADIN	Joel Stein	<u>Marek Jerczynski</u> Alexander Kann
COSMO	Francis Schubiger	<u>Adriano Raspanti</u>
HIRLAM	<u>Carl Fortelius</u>	Ulf Andre, <u>Xiahoua Yang</u>
METOFFICE	<u>Clive Wilson</u>	Marion Mittermaier Nigel Roberts
RC LACE	<u>Dijana Klaric</u>	Lovro Kalin
ECMWF	Dave Richardson	---

EWGLAM

Should they do more than SRNWP-V?

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EXPERT TEAM: DYNAMICS AND LATERAL BOUNDARY COUPLING (7 members present) SRNWP

13 members	CORE	ADDITIONAL
ALADIN	<u>Pierre Benard</u>	<u>Petra Szolnikova</u> <u>Piet Termonia</u>
COSMO	Lucio Torrasi	<u>Detlev Majewski</u>
HIRLAM	<u>Mariano Hortal</u>	Isabel Martinez
METOFFICE	Nigel Wood	<u>Terry Davies</u> Chris Smith
RC LACE	<u>Filip Vana</u>	Jan Masek
ECMWF	<u>Nils Wedi</u>	---

The most difficult issue for cooperation, but not impossible!

SRNWP

**EXPERT TEAM: LINK WITH APPLICATIONS
(2 members present)**

9 members	CORE	ADDITIONAL
ALADIN	Maria Monteiro	Jean Nicolau
COSMO	<u>Pierre Eckert</u>	<u>Victor Pescaru</u>
HIRLAM	<u>Jeanette Onvlee</u>	Per Uden
METOFFICE	Simon Jackson	Mike Bush
RC LACE	Thomas Haiden	---
ECMWF	---	---

The precise scope of the ET should be confirmed!

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**EXPERT TEAM: PHYSICAL PARAMETERISATION
(UPPER AIR) (5 members present)**

13 members	CORE	ADDITIONAL
ALADIN	Valery Masson	Bart Catry Tomas Kral
COSMO	<u>Federico Grazzini</u>	Dmitrii Mironov
HIRLAM	<u>Sander Tijm</u>	<u>Bent Hansen Sass</u>
METOFFICE	Peter Clark	Andy Brown Paul Field
RC LACE	Neva Pristov	Doina Banciu
ECMWF	Anton Beljaars	---

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**EXPERT TEAM: PREDICTABILITY AND EPS
(5 members present)**

12 members	CORE	ADDITIONAL
ALADIN	<u>Alex Deckmyn</u>	Laurent Descamps Alain Joly
COSMO	<u>Chiara Marsigli</u>	<u>Pierre Eckert</u>
HIRLAM	<u>Trond Iversen</u>	Jan Barkmeijer Jose Antonio Garcia-Moya
METOFFICE	Ken Mylne	Sarah Beare
RC LACE	<u>Yong Wang</u>	---
ECMWF	Martin Leutbecher	---

Should EUREPS to be reconsidered?

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**EXPERT TEAM: SURFACE AND SOIL PROCESSES
(MODEL AND DATA ASSIMILATION) (2 members present)**

13 members	CORE	ADDITIONAL
ALADIN	<u>Jean-Francois Mahfouf</u>	Rafiq Hamdi
COSMO	Juergen Helmert	Jean-Marie Bettems
HIRLAM	<u>Sander Tijm</u>	Maria Diez
METOFFICE	Martin Best	Imtiaz Dharssi Gabriel Rooney
RC LACE	<u>Alena Trojakova</u>	Laszlo Kullmann Jure Cedilnik
ECMWF	Gianpaolo Balsamo	---

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EXPERT TEAM: SURFACE AND SOIL PROCESSES (MODEL AND DATA ASSIMILATION)

- Indeed, a very active Expert Team
- They had a dedicated ET meeting (June, Toulouse)
- They have created their webpage (documentation, database)
- Observation data for the validation of surface schemes (official request towards the Directors)

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EXPERT TEAM: SYSTEM ASPECTS (3 members present)

11 members	CORE	ADDITIONAL
ALADIN	Ryad El Khatib	<u>Andrey Bogatchev</u>
COSMO	<u>Ulrich Schaettler</u>	Jean-Marie Bettems
HIRLAM	<u>Xiaohua Yang</u>	Toon Moene
METOFFICE	Glenn Greed	Rachel North Bruce Wright
RC LACE	Oldrich Spaniel	---
ECMWF	Alfred Hofstadler	---

Should they do more than SRNWP-I?

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EXPERT TEAMS: REMARKS AND ISSUES

- This year: 36 participating members from the 98 members (37%, much more than last year; ALADIN:7, COSMO:8, HIRLAM: 10, LACE:7, MetOffice: 3, ECMWF:1)
- Distribution of chairpersons: ALADIN - 2, COSMO - 2, HIRLAM - 2, LACE - 0, MetOffice - 2 (rather well balanced!)
- List of topics: are you satisfied or any proposal for modification?
 - Expert Team on regional climate modelling?
- Chairpersons: do we need an „independent” chair (or deputy) for the verification ET?
- The ET members are working on a good-will basis (SRNWP has no other means for motivation), so the „steering” of the Consortia Leaders is important
- Mea culpa: mailing list problem (now resolved!)

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ANNUAL EWGLAM/SRNWP MEETING

- Consortia presentations (short ones)
- ECMWF presentation (as our essential partner; longer)
- National posters with introductions (do we need them?)
- Review talks on the ET subjects (separately or at the sessions?)
 - Either on one specific sub-area of interest
 - Or an overview of the main activities on the given field
- Dedicated sessions on the main NWP areas of interests (ET topics; proposals from the ETs!)
 - Presentations from the NWP Consortia
 - „Invited talks” on specific areas of main interest on the given subject
- EWGLAM: final discussion
- SRNWP business meeting
- SRNWP Advisory Committee meeting

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ADVISORY COMMITTEE

SRNWP

- Members: the „leaders“ of the 5 LAM Consortia (Dijana, Jeanette, Jean-Francois, Marco, Terry)
- Advise for the Programme Manager (through meetings, but mostly through intensive email exchange) – also for the PM of SRNWP-I and SRNWP-V
- Meetings: twice per year (late spring and during the annual meeting)
- The C-SRNWP programme can be really useful, if we try to do something more than „business as usual“

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OTHER SRNWP PROGRAMMES - REMARKS

SRNWP

- SRNWP-I and SRNWP-V are independent programmes with own budget, governance, deliverables, contracts (the membership is not the same than that of the C-SRNWP)
 - C-SRNWP cannot influence these programmes (only common reporting to the Council)
- No real synergy between the three programmes until now!

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CONTRACT AND CONTRIBUTION FEE

SRNWP

- Invoices were sent at the beginning of the year (contract for the new members: Bulgaria and Czech Republic, later Serbia)
- Missing contribution fee: Denmark, Italy, Serbia
- Recent feedbacks: Denmark, Italy

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PLANNED WORKSHOPS (2009-2010)

SRNWP

SUBJECT	PLANNED EVENT
WMO workshop on data assimilation	5-9 October, 2009, Melbourne
SURFEX training course	14-16 October, 2009, Toulouse
I NEED YOUR HELP TO UPDATE THE TABLE AND KEEP IT UP-TO-DATE!	
Modeling of snow-ice-atmosphere interaction	24-26 March, 2010, Kluopio (Finland)
EWGLAM/SRNWP	First week of October, 2010, Exeter
Special radar data assimilation session at the ERAD conference	2010
FLake workshop	2010
Another „vision“ meeting	2010
Joint DA and EPS workshop	Beginning of 2011, Bologna
Meeting with academia/university	??

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ADDITIONAL ISSUES (1)

SRNWP

- PM is member of the E-SAT (EUCOS Science Advisory Team) – the chair of the ET DA is also invited by now
- PM is invited to the PB-OBS (Programme Board on Observation) meetings in order to seek further interactions between EUMETNET programmes on observations and NWP (e.g. OPERA)
- SRNWP is assisting (Jose Antonio Garcia-Moya, Laura Rontu, Kirsti Salonen, Andras Horanyi) to the EUMETCAL training course on NWP applications (target audience: bench forecasters and young NWP scientists) at the end of this year
- It was tried to set-up a COST proposal for stimulating cooperation between operational NWP people and university (academia) researchers → it was failed (planned to be updated until next spring)

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ADDITIONAL ISSUES (2)

SRNWP

- A proposal was submitted to the European Science Foundation (EUROPredict: Mesoscale Predictability of High-impact Weather Events) with the leadership of Volker Wulfmeyer (University of Hohenheim) with the involvement of the SRNWP Consortia
- At the SRNWP webpage we try to keep up-to-date the srnwp.met.hu/Events/index.html page with the list of meetings (see before!!)
- SRNWP might interact with the preparation of the EUMETNET Strategy (at the moment SRNWP is considered as „potential area for shared services“)

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ADDITIONAL ISSUES (3)

SRNWP

- Increased activity from EUROCONTROL regarding „Air Traffic Management” issues from the meteorological point of view
 - What are the recent NWP modelling capabilities?
 - What is the optimal organisation for the information provision (single provider???)
- EUMETNET is transformed into Economic Interest Group (EIG)
 - EUMETNET became a legal entity (directly can take part in EU projects or can have contracts or can open an account etc.)

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SRNWP: STRENGTHS and WEAKNESSES

SRNWP

- STRENGTHS
 - Optimisation **possibility** between the work of the European LAM Consortia
 - Stimulate the organisation of scientific meetings
 - EUMETNET Council might recognize the importance of NWP
- WEAKNESSES
 - EUMETNET Council might give „ideas” for our work
 - No coordination (overlap) between the SRNWP programmes
 - Part-time coordinator without real means

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SRNWP Consortia in Europe

Thank you for your attention and patience!

horanyi.a@met.hu

Consortium	Member Countries
ALADIN	Algeria, Belgium, Bulgaria, France, Monaco, Poland, Portugal, Tunisia, Turkey
Austria	Croatia, Czech Rep., Hungary, Romania, Slovakia, Slovenia
PS-LACE	
UKMO	United Kingdom
HIRLAM	Denmark, Estonia, Finland, Iceland, Ireland, Netherlands, Norway, Spain, Sweden, (Russia), Ukraine
COSMO	Germany, Greece, Italy, Poland, Romania, Russia, Switzerland

Logos: Met Office, COSMO

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