



Subject:	<ul style="list-style-type: none"> • Report about the ongoing execution of the 2019 budget • Proposal for the 2020 budget
Summary:	<p>1. The 2019 budget :</p> <ul style="list-style-type: none"> • The <u>2019 flat-rate budget plans</u> were prepared in line with all recommendations of the Zagreb General Assembly and are detailed in appendix 2 (including the current status of the planned action). • The <u>report about the ongoing execution of the 2019 budget</u> is presented. <p>3. For the 2020 budget :</p> <ul style="list-style-type: none"> • Proposals for the 2020 budget are presented. • Some indication of the LACE 2020 budget is given here but, since there will be a LACE Council after the ALADIN GA, this may be subject still to changes. <p>Appendix 1 : <u>budget figures summary</u></p> <p>Appendix 2 : list of the <u>2019 flat-rate actions</u></p>
Action(s) required:	<ul style="list-style-type: none"> • Take note of the ongoing execution of the 2019 budget and comment. • Decide on the 2020 flat-rate contribution • Approve/amend the budget for 2020.

1. Report about the ongoing execution of the 2019 budget

Flat rate budget

The appended document (prepared by P. Pottier and P. Termonia) describes the full status of the 2019 flat-rate budget planning, in line with all recommendations of the Zagreb General Assembly. It was sent to the relevant Partners on 04/02/2019 (the actions already done are in “green”; the canceled actions are in “red”; some replacements (person, location) without any financial impact are underlined in orange, the actions that are still planned to be realized before the end of 2019 remain not underlined).

Summing up, one can say that the following is seen from the Météo-France’s non-LACE Partners side:

• Sent contributions:	- 96000 €
• Transfer of 2018 non-executed actions	- 3345 €
• Financed Missions:	36755 €
• Financed scientific visits:	16210 €
• Specific M-F financed scientific visits:	10510 €
• Specific LACE financed scientific visits:	10430 €
• Support to organisation:	3040 €
• Support to the CA, DA coord.	22400 €
• TOTAL:	0 €

And the following is seen from the Météo-France’s flat-rate compensation budget side:

• Effective 2017 surplus (comp.):	3345 €
• Received contributions:	96000 €
• M-F scientific visits transfer:	- 10510 €
• LACE transfer:	- 16605 €
• Full flat-rate expenses:	- 75405 €
• TOTAL:	- 3175 €

Finally, the effective pure flat-rate balanced planned budget for 2019 is **99345 € (= 96000 € + 3345 €)** and the effectively executed part is estimated to be **94621 € (= 93810 € - 5535 €)**¹.

In terms of absolute money transfers, Météo-France pays to RC-LACE **16605 €** (the money for the scientific visits supported by RC LACE Members **10430€**, the MF contribution to the annual Workshop **3375€**, the MF contribution of **2800€** to the **Code Architect** and to the **DA Coordinator**). Météo-France also receives a balance of **23940€** from the ensemble of the other (non-LACE) Partners (of course the direction and size of the transfer varies from country to country). All this would lead in practice to no surplus whatsoever for the total balanced amount in the central budget if there will be no backlog in the 2018 payments for all due sums. But there are ‘compensations’ due by some of the non-LACE Partners for total sum of **3345 €** (see APPENDIX B of the GA23 document 7_budget).

¹For the record, the effective pure flat-rate balanced budget since the end of MoU4 was :

- in 2014: **79090 €** (of which only **64195 €** were effectively executed)
- in 2015: **86015 €** (of which only **79850 €** were effectively executed)
- in 2016: **94165 €** (of which only **89640 €** were effectively executed)
- in 2017: **92525 €** (of which only **89135 €** were effectively executed)
- in 2018: **97966 €** (of which only **94621 €** were effectively executed)

RC LACE R&D budget

(courtesy of M. Tudor)

On the RC LACE side one should best distinguish the 'incomes' side and the 'planned financed actions' side.

The direct income comes from the Members contributions and amounts to **166149€** (NB: all seven Members pay at least the 2018 flat-rate of **12000€**). As there is not any more a royalty mechanism in MoU-5 no further contributions within the 'incomes' side are planned.

RC LACE acts as a bank for ALADIN FR-LACE scientific visits. MF dedicate the funds that RC LACE pays to scientists for mission at the same amount (**13850 €**). Probably all planned ALADIN FR-LACE scientific visits (**13850 €**) will be completed in 2019 (see flat-rate document in Appendix 2).

RC LACE acts as a bank for the MF and flat-rate partners contribution to the ALADIN-HIRLAM-Wk with the amount of **3375 €** and for the MF support to the Code Architect and the DA Coordinator positions (**2800 €**). MF dedicate the funds that RC LACE pays at the same amount.

The spending structure is as follows (estimated until end of 2019):

• Support for Research & Development scientific visits	51798 €
• Support for Meetings & Events / Management & Networking	38490 €
• Miscellaneous costs (publication fee for two LACE papers)	407 €
• Staff Costs	46150 €
• Contribution for ALADIN-HIRLAM-Workshop	2625 €
• Support to the Code Architect (2000 € per member) 14000 €	
• Support to the DA Coordinator (800 € per member)	5600 €
TOTAL:	159070 €
• Support for scientific ALADIN FR-LACE scientific visits	13850 €
• Transfer of MF and flat-rate partners contribution for A-H-Wk	3375 €
• Transfer of MF support to the Code Architect	2000 €
• Transfer of MF support to the DA Coordinator	800 €

The budget account is expected to end with an underspending in the amount of **7079 €**. The difference between the 'incomes' side and the 'expenditures' side is accumulated to the budget reserve.

Météo-France ALADIN voluntary & in-kind contributions+ flat-rate budget

(courtesy of P. Pottier & C. Fischer)

The following items make up the flat-rate (implicit) plus voluntary contributions of Météo-France for the year 2019:

• Support for centralised maintenance and scientific visits:	15.2 k€
• MF support to the Code Architect:	2.0 k€
• MF support to the DA Coordinator:	0.8 k€
• NWP cooperation CNRM missions	25.2 k€
• Support to meetings in Toulouse (code training, PAC, CWG) and annual WK:	3.8 k€
TOTAL:	47.0 k€

Additionally **10.51 k€** are spent for the ‘flat-rate-financed & M-F organised’ scientific visits. For the record the 2019 contribution of Météo-France to the HIRLAM budget is **20.0 k€**.

All figures include VAT.

RMI ALADIN voluntary contribution

(courtesy of P. Termonia & B. Libioulle)

The RMI financed the missions of the ALADIN PM for 2019, providing a travel budget of **15.0 k€**.

ACNA reserve

(courtesy of P. Termonia & B. Libioulle)

In 2012, the RMI received from LACE the non-spent part of the “ALADIN-2 money” given by MF to LACE until 2010, to support the ACNA mobility. This reserve was **19.882,79€** at the end of 2012, **15360,60€** at the end of 2013, **13989,25€** at the end of 2014, **16264,22€** (**12514,22€** + **3750€** transferred by LACE) at the end of 2015, **14567,57€** at the end of 2016, **12880,17€** at the end of 2017, **11369,03€** at the end of 2018 and is estimated at **9619,42€** at the end of 2019.

2. Proposals for the 2020 budget

2020 resources :

- The inflation² for 2018 in the Euro zone is 1.8%. According to the MoU-5, the flat-rate sum of 12000€ in 2019 should be augmented by the inflation over the previous year, thus the **flat-rate ceiling reaches 12215 €**.
- **5535 €** will be transferred from the 2019 to the 2020 budget, due to some non-executed actions in 2019.

2020 expenses :

- We propose to keep the same spending as for 2019 as the baseline for the regular missions (PAC, LTM, Wk, EWGLAM, WD), taking into account the places of the meetings and the organization of two PAC meetings. Additional funding is considered for the missions of some flat-rate scientific experts to the Strategy meeting in Toulouse (but organizational costs fall into MF budget).
- **32k€** are supported by the ALADIN budget for the ½ F.T.E. of the Code Architect (i.e. 2k€ per member).
- **12.8k€** are supported by the ALADIN budget for the 0.2 F.T.E. of the DA Coordinator (i.e. 0.8k€ per member).
- The organisation of the Joint ALADIN Wk & HIRLAM ASM that will be held in Ljubljana in 2020 will fall into the LACE budget (see chapter 6 of the flat-rate document).

All the above being taken into account, below is the draft proposal for the 2020 ALADIN budget.

Flat rate budget

2020 Resources:

- Contributions (12215€ per Member): **97720 €**
- LACE redirection (adjustment to the flat-rate for some LACE Partners, estimated): **0**
- Transfer for non-executed actions in 2018: **5535 €**

Total of 2020 resources: 103255 €

2020 Expenses:

- Missions (2 PAC, LTM/CSSI at annual Wk and EWGLAM, WD, Strategy): **38000 €**
- Specific MF or RC-LACE or Directly financed scientific visits: **40000 €**
- Support to organisation (Working Weeks, meetings): **2855 €**
- Support to the Code Architect: **16000 €**
- Support to the DA Coordinator: **6400 €**

Total of 2020 expenses: 103255 €

RC LACE R&D budget (provisional version on Nov 19, 2019)

(courtesy of M. Tudor)

On the RC LACE side one should best distinguish the 'incomes' side and the 'planned financed actions' side.

The direct income comes from the Members contributions and amounts to **166715 €** (source: draft

² <http://epp.eurostat.ec.europa.eu/tgm/table.do?tab=table&language=fr&pcode=tec00118&tableSelection=1&footnotes=yes&labeling=labels&plugin=1>

version of Members contributions 2020, not yet approved by RC LACE Council; NB: all seven Members pay at least the 2020 proposed flat-rate of **12250 €**). No further contributions within the 'incomes' side are planned.

RC LACE acts as a bank for ALADIN FR-LACE scientific visits. MF dedicate the funds that LACE pays to scientists for mission at the same amount (**12000 €**).

RC LACE acts as a bank for MF contribution to the Code Architect and the DA coordinator positions. MF dedicate the funds that LACE pays to the NMS of the Code Architect at the same amount (**2800 €**).

The spending structure is planned as follows:

• Support for Research & Development scientific visits	58560 €
• Support for Meetings & Events / Management & Networking	50325 €
• Staff Costs	52000 €
• Support to the Code Architect (2000 € per member)	14000 €
• Support to the DA Coordinator (800 € per member)	5600 €
TOTAL:	180485€
• Support for scientific ALADIN FR-LACE scientific visits	13200 €
• Transfer of MF and flat-rate partners contribution for A-H-Wk	3375 €
• Transfer of MF support to the Code Architect	2000 €
• Transfer of MF support to the DA Coordinator	800 €

In case of overspending at the end of the year, the difference between the 'incomes' side and the 'expenditures' side is taken from the budget reserve.

Météo-France ALADIN voluntary & in-kind contributions+ flat-rate budget

(courtesy of C. Fischer & P. Pottier)

The following items make up the flat-rate (implicit) plus voluntary contributions of Météo-France for the year 2020:

• Support for centralised maintenance & scie. visits:	15.2 k€
• MF support to the Code Architect:	2.0 k€
• MF support to the DA Coordinator:	0.8 k€
• ALADIN specific CNRM missions:	27.2 k€
• Support to Strategy meeting, Assemblies, WD/WW in Toulouse:	7.6 k€
• TOTAL:	52.8 k€

A decrease of the total figure above is possible, pending on late budgetary decisions in link with any possible shortening of the French public budget for next year.

Additionally **10 k€** are planned to be spent for the 'flat-rate-financed & M-F organised' scientific visits.

For the record the 2020 contribution of Météo-France to the HIRLAM budget is planned to be **20.0 k€**.

RMI ALADIN voluntary contribution

(courtesy of P. Termonia & B. Libioulle)

The RMI will finance the missions of the ALADIN PM for 2020, providing a travel budget of **15.0 k€**.

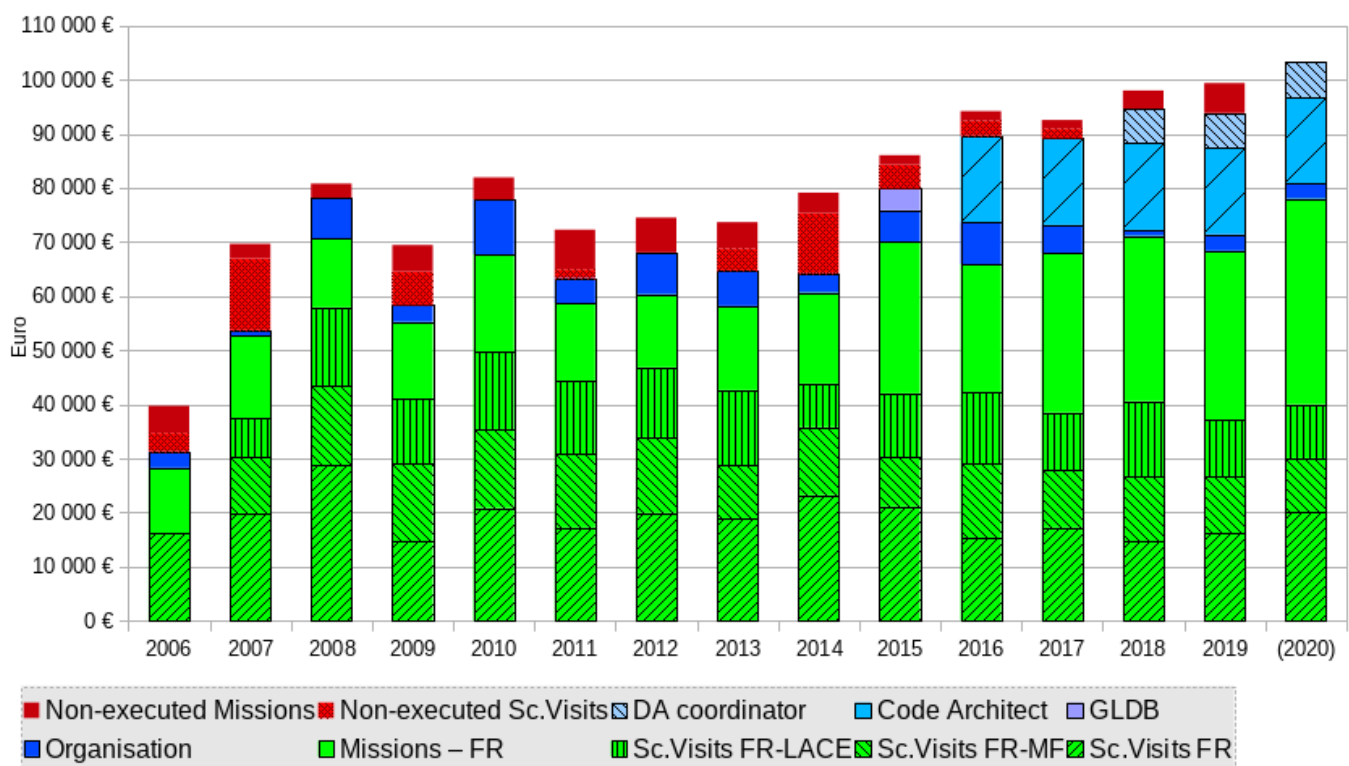
Appendix 1 : Budget figures

b) The flat-rate mechanism and its achievement

Besides the administrative complexity of the so-called “flat-rate budget”, 92% of the planned flat-rate actions are realised on-time (although the plans are established in January for the whole year, for scientific visits and missions, at a time when not all events, especially working weeks, are fully known):

- Some visits are delayed or cancelled, generally due to personal constraints of the visitors (some visits are planned 10 months in advance).
- The LTM missions to the annual workshop or to the EWGLAM/SRNWP meeting were better realised in the recent years, but not in this year 2019.
- RC-LACE acts as a bank for some scientific visits and for the whole ALADIN consortium for money exchanges with HIRLAM (annual workshop, Code Architect, DA coordinator, ...); that gives some flexibility to the realisation of the flat-rate budget.
- See the below figure for the evolution of the flat-rate budget with the yearly expenses for :
 - the missions : PAC, LTM and CSSI at the annual Workshop or EWGLAM, working days, .. (in green when executed, non executed ones in red),
 - the scientific visits (in green when executed, non executed ones in red),
 - organisation costs (annual Workshop, working weeks, working days, PAC or General Assembly, leaflet printing, ...),
 - GLDB (funding of the maintenance of the Global Lake Data Base by ALADIN, only in 2015),
 - CA (funding for the Code Architect position, from 2016).
 - DA coordinator (funding for the DA coordinator position, from 2018)

Breakdown of the annual flat-rate budget



Realization of the past flat-rate budgets and possibilities for 2020

c) Summary of the 2019 ALADIN budgets

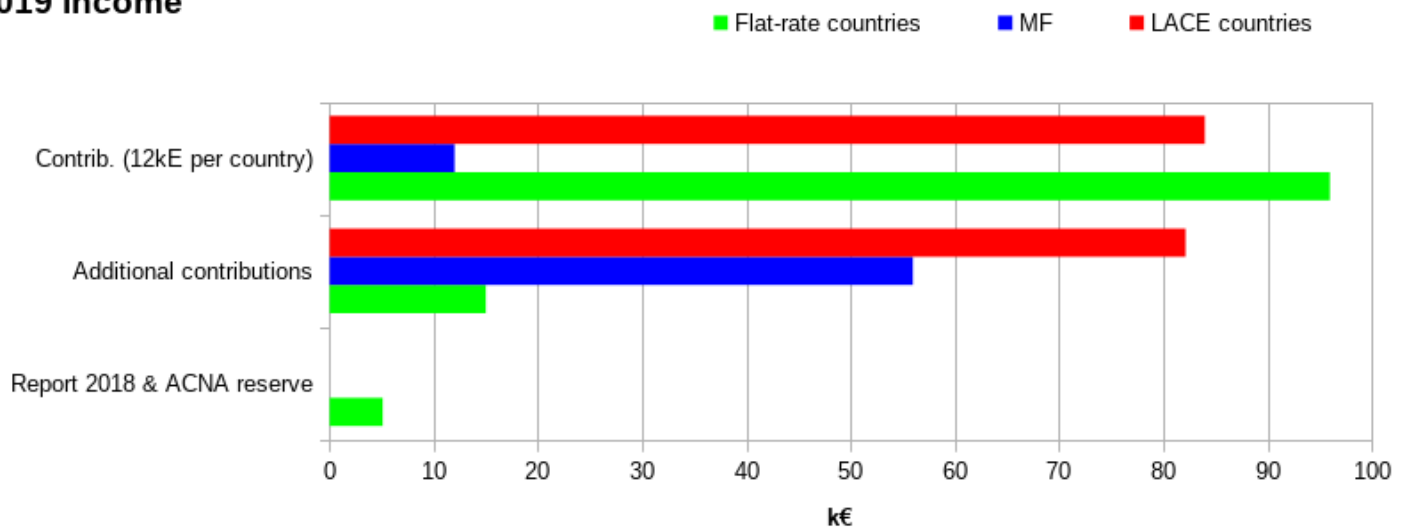
The ALADIN Annual Budget comprises three parts :

- a minimum flat rate financial contribution applicable to all Members aimed at covering the absolute minimum necessary volume of the tasks ...
- additional voluntary financial contributions of Members or grouping of Members ...
- ‘in-kind’ contributions corresponding in general to consortium-level tasks .

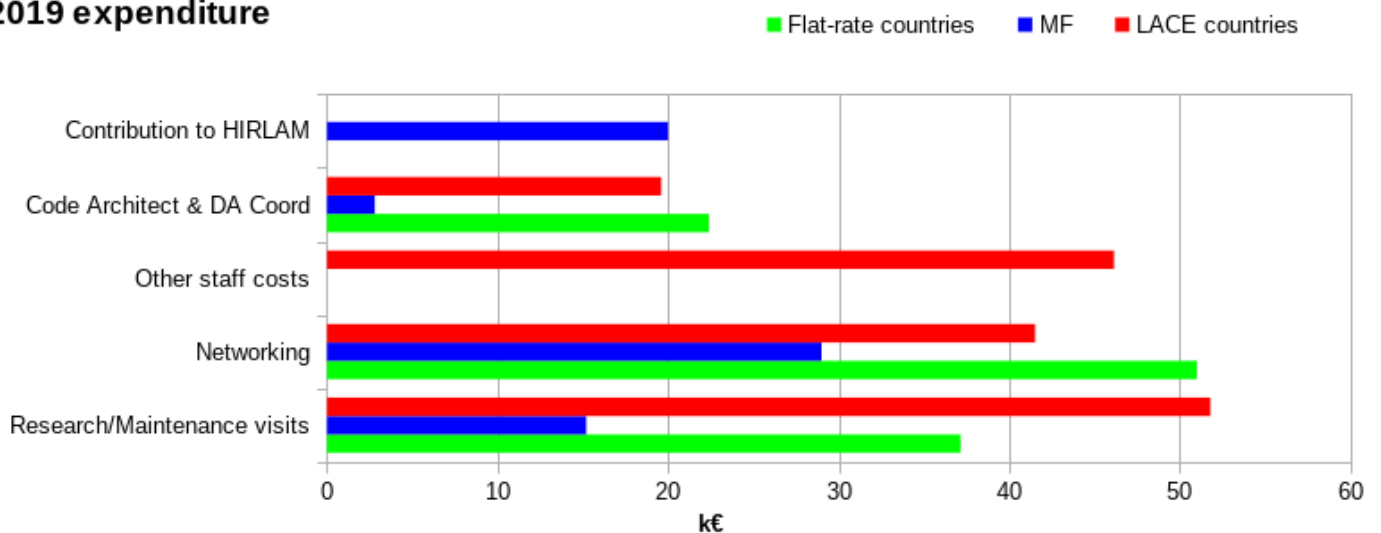
The financial contributions of Members that are also members of the RC-LACE, including their individual minimum flat rate contributions, are contributed and administrated through RC-LACE, the contributions of the other Members (besides MF) are administrated according to the flat-rate mechanism.

Figures of the 2019 ALADIN budget (realisation)

2019 income



2019 expenditure



Appendix 2 : 2019 Flat-rate planning

The document was prepared in line with all recommendations of the Zagreb GA. It was distributed to the relevant Partners at the beginning of February 2019.

The status of the actions listed in chapters 2 & 3 is to be read according to the highlight colors:

- the executed actions are in green,
- the unexecuted actions are indicated in red,
- some replacement (person, location) without any financial impact are underlined in orange (none, so far)
- the actions that are still planned to be realized before the end of 2019 remain not underlined

2019 Management of the flat rate contribution for non-LACE Members

The annual ALADIN budget comprises a flat rate contribution. It must finance the expenditures related to administrative or cooperation overheads and mobility in accordance with the ALADIN' Programme and its annual work plan.

For the non-LACE Members, Météo-France proposes a management procedure. This document details this procedure for 2019.

In order to reduce the volume of the money flow associated with the management of the flat rate contributions, each Member pays from its own budget all expenditures related to administrative or cooperation overheads and mobility for which he/she carries out the financial control in accordance with the annual work plan. Reimbursement of these expenses by the central budget is done separately.

Chapter 1 - Transport and per diem compensation rates

Transport	Transport compensation rate
“Short” travel (car, train or less than 1 hour by plane)	165 Euro
“Medium” travel (1 to 3 hours by plane)	490 Euro
“Long” travel (more than 3 hours by plane)	650 Euro

Destination	Per diem compensation rate
Central and East Europe, North Africa	135 Euro
Au+Be+Ee+Fr+GB+It+Sp+D+CH+Pt+Gr	155 Euro
North European countries (HIRLAM excepted Spain and Estonia) +US+Canada	170 Euro

For equity reasons, homogeneous compensation rates per destination have been established. **Of course, each Member will apply its usual rules and rates for the missions carried out by its employees.** The above cost rates correspond to the amount of money taken into account by the ALADIN budget (it could be higher or lower than the real cost of the missions paid by the Members).

Chapter 2 - Missions to be funded on ALADIN budget in 2019

What	Where	When	Who	Transp.	PerDiem	Total	Paid by
HAC/PAC	Norrköping	13/14/5/19	M. Mokhtari	650	340	990	FR-ALGERIA
HAC/PAC	Norrköping	13/14/5/19	M. Monteiro	650	340	990	FR-PORTUGAL
HAC/PAC	Norrköping	13/14/5/19	D. Gellens	490	340	830	FR-BELGIUM
HAC/PAC	Toulouse	4-5/11/2019	M. Mokhtari	490	340	830	FR-ALGERIA
HAC/PAC	Toulouse	4-5/11/2019	M. Monteiro	490	340	830	FR-PORTUGAL
HAC/PAC	Toulouse	4-5/11/2019	D. Gellens	490	340	830	FR-BELGIUM
LTM	Madrid	1-4/04/2019	Dz	490	620	1110	FR-ALGERIA
LTM	Madrid	1-4/04/2019	Be	490	620	1110	FR-BELGIUM
CSSI-CA	Madrid	1-5/04/2019	Be	490	775	1265	FR-BELGIUM
LTM	Madrid	1-4/04/2019	Bg	650	620	1270	FR-BULGARIA
LTM	Madrid	1-4/04/2019	Mo	490	620	1110	FR-MOROCCO
LTM	Madrid	1-4/04/2019	Pl	650	620	1270	FR-POLAND
LTM-CSSI	Madrid	1-5/04/2019	Pt	165	775	940	FR-PORTUGAL
LTM	Madrid	1-4/04/2019	Tn	490	620	1110	FR-TUNISIA
LTM	Madrid	1-4/04/2019	Tk	650	620	1270	FR-TURKEY
LTM meeting	Sofia	31/9-3/10/19	Dz	650	540	1190	FR-ALGERIA
EWGLAM	Sofia	31/9-3/10/19	Be	490	540	1030	FR-BELGIUM
LTM meeting	Sofia	31/9-3/10/19	Mo	650	540	1190	FR-MOROCCO
EWGLAM	Sofia	31/9-3/10/19	Pl	490	540	1030	FR-POLAND
EWGLAM	Sofia	31/9-3/10/19	Pt	650	540	1190	FR-PORTUGAL
LTM meeting	Sofia	31/9-3/10/19	Tn	650	540	1190	FR-TUNISIA
EWGLAM	Sofia	31/9-3/10/19	Tk	490	540	1030	FR-TURKEY
ALARO1-WD	Bratislava	11-13/3/19	Tk	650	270	920	FR-TURKEY
ALARO1-WD	Bratislava	11-13/3/19	Pl	490	270	760	FR-POLAND
DDays	Toulouse	t.b.d. (1 day)	Be	490	155	645	FR-BELGIUM
Code WD	Toulouse	t.b.d. (3days)	Bg	650	465	1115	FR-BULGARIA
Code WD	Toulouse	t.b.d. (3days)	Pl	650	465	1115	FR-POLAND
Code WD	Toulouse	t.b.d. (3days)	Tk	650	465	1115	FR-TURKEY
DAsKIT WD	Prague	t.b.d. (3days)	Dz	650	405	1055	FR-ALGERIA
DAsKIT WD	Prague	t.b.d. (3days)	Be	490	405	895	FR-BELGIUM
DAsKIT WD	Prague	t.b.d. (3days)	Be	490	405	895	FR-BELGIUM
DAsKIT WD	Prague	t.b.d. (3days)	Bg	490	405	895	FR-BULGARIA
DAsKIT WD	Prague	t.b.d. (3days)	Mo	650	405	1055	FR-MOROCCO
DAsKIT WD	Prague	t.b.d. (3days)	Pl	490	405	895	FR-POLAND
DAsKIT WD	Prague	t.b.d. (3days)	Pt	490	405	895	FR-PORTUGAL
DAsKIT WD	Prague	t.b.d. (3days)	Tu	490	405	895	FR-TUNISIA

Chapter 3 - Stays and visits to be funded on ALADIN budget in 2019

Each stay costs :

- 2280 Euro per month
- 1 travel estimated following the transport compensation rate established for the missions

Who	Where	Subject	Duration in month	Cost	Paid by
AIT MEZIANE Mohand Ouall	Brussels	DA4.6: Use of new observations types	1	2770	FR-BELGIUM
DOUBA Oussama	Brussels	SU3.1: SURFEX: validation of existing options for NWP	1	2770	FR-BELGIUM
PANEŽIĆ Suzana	Brussels	SU3.1 SURFEX physics	1	2770	FR-BELGIUM
SEKULA Piotr	Ljubljana	PH3.10 Diagnostic fields	1	2770	FR-POLAND
GERARD Luc	Prague	PH3.3 and PH3.5: update on cloudiness and CSD	0.25	1060	FR-LACE
KHAFLAOU Wafa	Prague	DA1: optimization of BlendVAR algorithm at high resolution w.r.t high density observations	1	2770	FR-LACE
MONTEIRO Maria	Prague	DA3.1: Use of existing observations - radar	0.5	1630	FR-LACE
AMBAR Abdenour	Toulouse	PH1.4: Assess a first (early) version of dust aerosol forecast facility in AROME	1	2770	FR-MF
BAHLOULI Abdelhak	Toulouse	PH1.5: Developments of AROME-France (and ARPEGE) physics	1	2770	FR-MF
CENGIZ Yelis	Toulouse	DA4.6 : Evaluation of the use of the humidity information provided by some AMDAR aircraft measurements.	1	2930	FR-TURKEY
EI KAROUNI Kamal	Toulouse	PH1.1: Evaluation of microphysics schemes in AROME (ICE3/ICE4) for hail forecast	1	2770	FR-MF
MARASS Najla	Toulouse	PH1.6: Model output diagnostics: evaluation of new visibility diagnostic, new interpolation in Full-POS, further improve DDH	0.75	2200	FR-MF
MONTEIRO Maria	Toulouse	SPDA1: Basic Data Assimilation Setup - 3DVar	0.75	2200	FR-PORTUGAL
PANEŽIĆ Suzana	Toulouse	SU5.1 e923 clime files	0.75	2200	FR-LACE
DEHMOUR Idir	Vienna	DA3.1: Use of existing observations	1	2770	FR-LACE

Chapter 4 - 2019 Flat rate contribution

Member	Actual Flat rate	Missions	Stays	Code Architect/ DA Coord	Organisation in flat-rate NMS	Total to be deducted	Residual amount 2019
Algeria	12000	5175				5175	6825
Belgium	12000	7500	8310	16000	40	31850	-19850
Bulgaria	12000	3280				3280	8720
Morocco	12000	3355				3355	8645
Poland	12000	5070	2770			7840	4160
Portugal	12000	4845	2200	6400		13445	-1445
Tunisia	12000	3195				3195	8805
Turkey	12000	4335	2930			7265	4735

The “Residual amount 2019” doesn't take into account the 2018 actions planned in “2018 flat-rate document” and not realized (see the column “2018 Residual” in the table).

Member	Residual amount 2019	2018 Residual	TOTAL
Algeria	6825	960	7785
Belgium	-19850		-19850
Bulgaria	8720		8720
Morocco	8645	1270	9915
Poland	4160		4160
Portugal	-1445		-1445
Tunisia	8805		8805
Turkey	4735	1115	5850

The column “TOTAL” gives the amount to be paid (if positive number) or to be received (if negative number) by each Member in case of use of the differential payment choice. In case of absolute payment choice the Member pays 12000€ (or more if the “TOTAL” is above 12000) and gets a sum (if any) so that the balance corresponds to the above “TOTAL” value.

Summary of the expenses of the 2019 flat-rate budget :

- Missions: **36755** Euro
- Directly financed stays: **16210** Euro
- Specific Météo-France financed stays (FR-MF): **10510** Euro
- Specific RC-LACE financed stays (FR-LACE): **10430** Euro
- Support to annual Workshop, Code Architect, DA coordinator, Working Weeks organization : **25440** Euro

Total of expenses: 99345 Euro

Summary of the resources of the 2019 flat-rate budget :

- Contributions of the Partners : **96000** Euro
- Residual from non-executed actions in 2018: **3345** Euro

Total of resources: 99345 Euro

Chapter 5 - Concrete rules

The compensation rates for travel and per-diem expenditure (tables in Chapter 1) will be used to compute the money transfers. **The actual cost will not be taken into account.**

The bilateral conventions which have been signed between Météo-France and the relevant Meteorological Institutes in February 2016 are valid until end of 2020 and continue to serve as justifications for the transfers of money.

The local liaison with Directors and the practical arrangements for the execution of the ALADIN Programme and plans (described in this document) is under the responsibility of each LTM. Accordingly, each LTM may refer to the decisions taken in the General Assembly in Krakow (21st November 2018, see the approved Minutes on the ALADIN web page).

Chapter 6 - Contribution to the Joint ALADIN &HIRLAM annual workshops

In 2007, it was decided between the ALADIN and HIRLAM Consortia that the gathering of ALADIN Workshop and HIRLAM All Staff Meeting (joint venues since 2006) would be financed to 50% by the organising National Meteorological Service and to 25% by each Consortium. The latter contribution was fixed for the duration of the ALADIN and HIRLAM MoUs (i.e. until 2020) top a bulk sum of 6000 €.

In the alternating scheme of organisation (HIRLAM on odd years and ALADIN on even years, plus rotation in each Consortium) this induces two differing situations:

- In even years, one ALADIN Country organises and the 6000 € falls in the relevant part of the ALADIN budget (Météo-France if the venue is in France, RC-LACE for a venue in one LACE country and the ‘flat-rate budget’ otherwise). The rotation ensures the long-term fairness of this mechanism.
- In odd years HIRLAM organises (Spain in 2019) and will send an invoice of 6000 € to

the ALADIN community. Since HIRLAM clearly prefers to send a single bill rather than three separate ones, it was agreed that the sending would be done (and for the first time in 2009) to RC LACE and that RC LACE would get in compensation the sum corresponding to the (equally shared, in the spirit of the flat-rate budget) contribution of other partners (6000* 8/16 for flat-rate partners and 6000*1/16 for Météo-France). This compensation should happen via the balancing mechanism between the flat-rate budget and the RC LACE budget, otherwise already used for the collecting and transfer (the other way round) of the Turkish entry fee and for the bulk support to 'flat-rate research stays' organised by RC LACE Members.

This year, the second mechanism applies since HIRLAM is the organizer.

Chapter 7 - Code Architect and DA Coordinator

For the benefit of the whole ALADIN Consortium and in the spirit of the joint declaration by the ALADIN General Assembly and the HIRLAM Council (Reading, 2 Dec. 2014), the 5th ALADIN MoU tasks "a Code Architect (CA) to assist the Programme Manager with the definition and the implementation of the ALADIN Canonical Model Configurations" (see article 5, item 43.iv of the 5th ALADIN MoU). The 21st ALADIN General Assembly (Krakow, 21 Nov. 2017) also tasks a "Data Assimilation Coordinator (DA Coord) to assist the Programme Manager with the coordination of the ALADIN DA starter countries with their DA activities, of the basic kit DA core program and with the elaboration of the ALADIN-HIRLAM common work plan for the DA basic kit core program".

Every country (Météo-France, RC LACE Partners and non-LACE Partners) will support the activities and the mobility of the CA and the DA Coord. It was agreed that Belgium would pay for the whole non-LACE non-MF Partners (Code Architect part) and that Portugal would pay for the whole non-LACE non-MF Partners (DA coordinator part); the RC-LACE would pay for the RC LACE Partners and Météo-France and would get in compensation the sum corresponding to MF contribution (2800 Euro). This contribution should be transferred by the balancing mechanism between the flat-rate budget and the RC LACE budget, otherwise already used for contribution to the annual joint ALADIN-HIRLAM workshops (see Chapter 6) and for the bulk support to 'flat-rate research stays' organised by RC LACE Members.

Chapter 8 - LACE redirection

In the spirit of the flat-rate budget, it was decided, when the latter was established, that every country, even Météo-France and RC LACE Partners, would be bound to support the Programme at least at the level of the annually 'fixed contribution' (for non M-F and non LACE ALADIN Members). In practice this means that no RC LACE Partner should pay less than the said sum to the central LACE budget and that, should there be a difference between this 'raised contribution' and what the RC LACE Partner would have paid otherwise, the difference should contribute to the 'flat-rate ALADIN budget'. This contribution should be transferred by the balancing mechanism explained above. The situation mentioned here happened in 2009, 2010 and 2011. It is no longer the case since 2012.

So, RC LACE is entitled to receive a contribution of 16605 € from the ALADIN 2019 flat-rate budget :

- + 10430 : Specific RC-LACE financed stays
- + 3375 : Contribution to the annual workshop

- + 2800 : Contribution to the mobility for the Code Architect and the DA coordinator
- + 0 : LACE redirection

Chapter 9 - Practical decisions for the management of 2019 actions plus further questions

Some partners have chosen to work with Météo-France in “differential mode”: they fund the actions under their own national rules and internal logistics. In terms of ALADIN compensation rates, the corresponding amounts are deduced from their flat-rate contribution. Thus, they only pay the residual amount (of course, those countries having a negative residual amount will receive money).

The other countries (“absolute mode”) pay the total flat-rate amount to the budget (12000€) and will receive an amount of money corresponding to the actions they funded (they also fund the actions under their own national rules and internal logistics).

Each Partner will receive from Météo-France an official letter with the amount of money to be exchanged for the 2019 flat-rate. **Each Partner should send these letters back, once signed before March 15, 2019** : with these signed letters, Météo-France will begin the money transfers to the Partners who will receive money and will send a bill to the others.

Chapter 10 - Overview of the budgetary matters as decided by the Zagreb G.A. (19/11/2018)

The 2019 flat-rate contribution is 12000 Euro as decided by GA.

I hereby certify that the above document represents the most accurate and appropriate possible status of the foreseen execution of the ALADIN 2019 ‘flat-rate’ budget, in accordance with the fifth ALADIN MoU and with the decisions of the last ALADIN General Assembly in November 2018.

I therefore ask all ALADIN active persons in the relevant Members (Directions, LTMs, Contact Points, Administrative support people) to do all possible efforts so that the execution of the actions (missions and stays) happens in accordance with the plan for the remaining part of the year. In this way, we shall have a most truthful correspondence between the financing and scientific-technical aspects of our activities for 2019, as well as a good basis to prepare the 2020 execution rules.

I thank you in advance for your cooperation in this important matter and remain respectfully and friendly yours,

P. Termonia
ALADIN

Programme Manager (PM)

