



EUROPEAN COMMISSION
RESEARCH DG HUMAN RESOURCES
AND MOBILITY

EXT Periodic Management Report

Project No: 23878

Project Acronym: FOROT

Project Full Name: 3D Optical Turbulence Forecasts above
Astronomical Sites

Marie Curie Actions

EXT Periodic Management Report

Period covered: from 01/04/2008 to 31/03/2009

Date of preparation: 10/06/2009

Period number: 3rd

Start date of project: 01/04/2006

Date of submission (SESAM):
10/06/2009 16:53:19 CET

Project coordinator name:

Duration: 48

Project coordinator organisation name:
INAF - Istituto Nazionale di Astrofisica

Version: 2

Marie Curie Actions
EXT Periodic Management Report

GENERAL INFORMATION

Project No:	23878
Project acronym:	FOROT
Project full name:	3D Optical Turbulence Forecasts above Astronomical Sites
Period number:	3rd
Period covered - start date:	01/04/2008
Period covered - end date:	31/03/2009
Project start date:	01/04/2006
Project duration [months]:	48
Project coordinator name:	
Project coordinator organisation name:	INAF - Istituto Nazionale di Astrofisica
Date of submission:	10/06/2009

MANAGEMENT REPORT

Please explain, when necessary, the origin and motivations for the costs claimed during the reporting period. In particular, any deviation and/or modification to the initial financial planning of the project should be duly justified.

Expenses related to the activities of the third year respect the plan presented in the Technical Annex and the Periodic Activity Report (First and Second Years) approved by the EC. Living, Mobility and Travel allowances for the Team Leader and the three Team Members appointed during the first year are included in the budget of the third year. The contract of the Experienced Researcher (N°4 in the Technical Annex) has been up-dated for 1 year (including mobility and travel allowances) at the beginning of the third year up to the end of the third year of the Project (31 March 2009). However, the researcher left on December 2008 to optimize the search for a new job (personal reasons).

- In the first and second year a slightly inferior stipend has been paid erroneously to the Team Leader.

First Year: - 508.8 Euro in the Living Allowance

Second Year: - 789.97 Euro in the Living Allowance

- 500.00 Euro in the Travel Allowance

In the columns (Living, Travel, Mobility) of the third year these costs are now included.

- We highlight that the travel of 2500 Euro for one experienced Researcher has not been paid due a mistake of the Administration staff. The Administration will pay this Travel allowance to the Experienced Researcher (N°4) on the next year.

Expenses related to the column I (~ 9328 Euro):

In the third year we had planned just new minor items in this category (cost ~ 2400 Euro). Beside, we have to take into account the contribution derived from the depreciation in the third year of equipment purchased on the first and second year.

Expenses related to the column F (~ 479690 Euro) concern:

1. Participation to Conferences, Workshops, Meeting, Visits Scientific Collaborations for all the Team Members (~ 13794 Euro). The list of conferences and participants is reported in the Dissemination Results section (Periodic Activity Report) and one visit for scientific collaboration (Masciadri and Lascaux in Toulouse) is described in the Activity Report.

2. Two site testing campaign with the GS (~10058 Euro) have been done at Mt. Graham, Arizona, US to carry out measurements of the vertical distribution of the optical turbulence with a Generalized Scidar.

The instrument has been placed at the focus of the VATT telescope (2 m size) on the summit of Mt. Graham. Groups of two Team members each participated to each site testing campaign. This is the minimum number of required personnel for such an activity. The costs consisted mainly in travels, car rented, gasoline and daily allowances. In the total cost is included the cost for a car renting related to the mission to Mt. Graham of 10/2007 declared in the Periodic Management Report and Form C of the Second Year.

The Generalized Scidar runs are:

- 20 February - 5 March 2008: (Stoesz, Lascaux)

- 9 November - 20 November: (Stoesz, Hagelin)

PS: We highlight that in the Periodic Management Report of the Second Year three site testing campaigns are listed but just the first two are included in the costs of that period. The costs related to the last one, carried out in February-March 2008 i.e. at the end of the ForOT project's second year, have been shifted in the third year.

GS runs have been completely carried out by ForOT Team Members.

3. Costs related to the organization of the International Conference "Optical Turbulence - Astronomy meets Meteorology", Alghero 15-18 September 2008 (see Tech. Annex) (~ 20800 Euro)

4. Training (~ 58 Euro): participation of S. Hagelin (PhD student) to a 2 days course (F90) in Bologna, Italy. Course organized by CINECA (Consorzio Interuniversitario di Super Calcolo).

5. Organization Mid-Term Review (~ 57 Euro)

6. Consumables (~ 169 Euro). Mainly posters

7. Depreciation of durables purchased in the previous years (~ 2211 Euro) - (image intensifier, thermocouples, software mathwork).

NOTES

- We note that all the equipment described in the Technical Annex has been included in Column I by the Audit Agency

- We added in the adjustments the correction that Dr. de Cock asked us to implement on 27/5/2009 to correct a wrong declaration we had done in the Second Period because a wrong indication had given to us by somebody of the EU office who had asked to us to include the adjustment for the over head with a method that was not the good one.

"From Dr. de Cock e-mail:.... I am afraid that this is not the good solution. You are not allowed to mix direct costs with indirect costs. So in the next period, you should make the following adjustment :

Living : + 64.71

Mobility : - 18.21

Research Training: +180.19

Management: - 45.16

Other types of expenses: + 1841.33

Indirect costs (category H) - 2022.87 ..."

PROJECT DELIVERABLES UPDATE

PROJECT DELIVERABLES UPDATE - PER YEAR

OVERALL INDICATIVE PROJECT DELIVERABLES							
Year	Team leader	Early Stage Researchers (<4 years)		Experienced Researchers (4-10 years)		Experienced Researchers (>10 years)	
	Full-time Person Months	Full-time Person Months	Indicative number of researchers	Full-time Person Months	Indicative number of researchers	Full-time Person Months	Indicative number of researchers
1st	12	5	1	16.36	2	0	0
2nd	12	12	1	24	2	0	0
3rd	12	12	1	21	2	0	0
4th	12	12	1	12	1	0	0

PROJECT DELIVERABLES UPDATE - TOTAL FOR ALL YEARS

OVERALL INDICATIVE PROJECT DELIVERABLES						
Team leader	Early Stage Researchers (<4 years)		Experienced Researchers (4-10 years)		Experienced Researchers (>10 years)	
Full-time Person Months	Full-time Person Months	Indicative number of researchers	Full-time Person Months	Indicative number of researchers	Full-time Person Months	Indicative number of researchers
48.0	41.0	4	73.36	7	0.0	0

FINANCIAL PLANNING UPDATE

FINANCIAL PLANNING UPDATE - PER YEAR

OVERALL MAXIMUM COMMUNITY CONTRIBUTION										
Year	Eligible expenses for the activities carried out by the researchers					Eligible expenses related to the activities of the host organisations				Maximum EC contribution [euro]
	Monthly Living Allowance [euro]	Transnational Mobility		Career Exploratory Allowance [euro]	Participation expenses of the eligible researchers [euro]	Research/training/transfer of knowledge [euro]	Management and Audit Certification [euro]	Overheads [euro]	Other types of eligible expenses [euro]	
		Travel Allowance [euro]	Mobility Allowance [euro]							
1st	167 440.91	4 500.0	16 384.5	0.0	0.0	17 050.58	9 606.9	23 884.79	23 865.03	262 732.71
2nd	213 185.08	4 000.0	24 032.26	0.0	0.0	16 837.15	496.79	26 927.9	-11 523.8	273 955.37
3rd	204 381.73	2 500.0	22 324.29	0.0	0.0	47 330.06	3 085.31	26 853.98	11 169.92	317 645.28
4th	168 015.15	4 500.0	17 874.0	0.0	0.0	96 523.51	3 130.47	29 434.97	4 306.56	323 784.66

FINANCIAL PLANNING UPDATE - TOTAL FOR ALL YEARS

OVERALL MAXIMUM COMMUNITY CONTRIBUTION										
Eligible expenses for the activities carried out by the researchers					Eligible expenses related to the activities of the host organisations				Maximum EC contribution [euro]	
Monthly Living Allowance [euro]	Transnational Mobility		Career Exploratory Allowance [euro]	Participation expenses of the eligible researchers [euro]	Research/training/transfer of knowledge [euro]	Management and Audit Certification [euro]	Overheads [euro]	Other types of eligible expenses [euro]		
	Travel Allowance [euro]	Mobility Allowance [euro]								
753 022.87	15 500.0	80 615.05	0.0	0.0	177 741.3	16 319.47	107 101.64	27 817.71	1 178 118.02	

Attachments	
Name	
Date	
Signature	