ASTRODEEP

Unveiling the power of the deepest images of the Universe



Management

WP1: Management

Dates:

- January 2014: The requested amendment for electronic only submission of FormC became effective.
- April 2014: Consortium FormC for Period1 has been submitted
- June 2014: Receipt of 1st Reporting Period payment (total: 277.683,32)
- April 2015: End of 2nd Reporting Period

There have been no changes in the legal status of the beneficiaries

Personnel

- R. Amorin (June 2013 @ INAF, since June 2014 60%)
- N. Cappelluti (February 2013 - February 2015)
- M. Castellano (April 2014 @ INAF)
- E. Merlin (April 2013 @ INAF)
- P. Santini (April 2014 @ INAF)
- N. Bourne (September 2013 @ UEDIN)
- V. Bruce (October 2013 @ UEDIN)
- T. Wang (July 2013 @ CEA)
- X. Shu (July 2013 - February 2015)

New Personnel:

- F. Cullen (@ UEDIN anticipated date August 2015)
- L. Ciesla (@ CEA, September 2015)
- One position @ CNRS still to be advertised

FTE Overview

			2013												2014												2015												2016												FTEs on ASTRODEEP funds	FTEs TOTAL
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
INAF	Merlin	*TPHOT - Frontier Fields3/4 - Red&Dead highz*		1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,5	0,5	0,5	0,5	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	31	33
	Amorin	*Frontier Fields 3/4*				1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	24	25
	Cappelluti	*Catalog on 7Ms*		1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	24	29
	Castellano	*Frontier Fields3/4 - Highz gals*			0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	25	28
	Santini	*Mass & SFR estimates; Herschel science*			0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	33	36
	Boutsia	*Management / K-selected catalogs*							0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	27	27
CEA	Wang	*Herschel catalogs ; Herschel science*					1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	42	42
	Shu	*Herschel catalogs ; Herschel science*					1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	20	24
	Schreiber	*Galaxy simulations; Herschel science*			0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2															0	6
	Ciesla	*Herschel catalogs and SED*																													0,2	0,2	0,2	0,2	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	16	17
UEDIN	Bourne	*SCUBA2 and HERSCHEL: catalogs & science*									0,5	0,5	0,5	0,5	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,2	0,2	0,2	26	27
	Bruce	*Tphot on CANDELS - GALFIT decomposition*									0,5	0,5	0,5	0,5	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,2	0,2	0,2	26	27
	Buitrago	*GALFIT decomposition / Frontier Fields catalogs*										0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	1,0	1,0	1,0	1,0	1,0	1,0	0,2	0,2	0,2	0,2									0,2	0,2	0,2	0,2	0,2	0,2					0	10
	Cullen	*Grism*																													0,2	0,2	0,2	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	17	18
CDS	TBD	*Development of user interface*																																			1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,2	0,2	0,2	12	13

Full time paid by / working on AstroDEEP
PART time paid by / working on AstroDEEP
On external funds - collaborate with AstroDEEP

TOTAL (months)	**322,60**	**360,00**
TOTAL (years)	26,8833333	30

External Consultants

During Period 2 there have been two calls for external visitors:
February 2014
February 2015

We received 7 applications and in the end the following collaborations took place:

- Tom Targett: January 2014 for one week @ UEDIN
- Guillermo Barro: June 29 - July 4 2014 @ CEA
- Mauro Giavalisco: February 27 - April 16 2015 @ CEA

WP2: Scientific Management

Meetings:

•Review and Collaboration Meeting: CEA-Saclay (Paris), January 27-28 2014

•Collaboration Meeting: Rome (Italy), September 8-9, 2014

•Collaboration Meeting extended to CANDELS and Herschel, Sesto (Italy), January 26-30, 2015

Telecons:

Monthly or weekly telecons (according to project needs)

All minutes can be found on the Astrodeep portal:

http://www.astrodeep.eu/team-site-2/

Deliverables

Expected Deliverables:

- D3.2: Release of simulated data (month 24) - Draft
- D3.3: Internal release of Herschel simulated data and definition of optimal techniques for catalogue production (month 24) - Draft
- D4.2: 1st production of public catalogues (month 18) - Delivered
- D5.2: List of science papers - #2 (month 24) - Delivered
- D7.2: Public release of public web portal (month 12) - Delivered
- D7.4: First data set available at CDS (month 15) - Delivered
- D7.5: Second data set available at CDS (month 27) - Pending
- D7.6: Public announcement of international meeting (month 17) - Draft

Budget
Period #2

Preliminary financial claims for this period

- INAF : 510400 (total) - 382800 (max EU contribution)
- UEDIN : 362000 (total) - 270000 (max EU contribution)
- CEA : 310000 (total) - 232000 (max EU contribution)
- CNRS : 10000 (total) - 7000 (max EU contribution)

For a total of ~ 1.000.000 euro

Preliminary!!

Budget

	Personnel	Travel	Other	Indirect	TOTAL	EC contrib.
INAF	300000	14000	5000	191400	510400	382800
UEDIN	173000	15000	3000	175000	366000	274500
CEA	180000	28500	0	100000	308500	231375
CNRS*	2000	800	2000	3000	7800	5850

Most of the budget is spent in PDRA salaries

- Staff salaries are charged at 1-2 person/month level
- Travels:
  - internal meetings (2/year)
  - international astrodeep meeting (1/year)
  - 1-2 international confereces (total!)

Preliminary!!

Budget
Global overlook

	NEGOTIATED		1st Period		2nd Period		Remaining	
	TOT	UE CONTR.	TOT	UE CONTR.	TOT	UE CONTR.	TOT	UE CONTR.
INAF	969600	750200	207634	160651	510400	382800	251566	206749
UEDIN	794186	598340	59649	44940	362000	270000	372537	283400
CEA	681300	518050	87579	66594	310000	232000	283721	219456
CNRS	134560	102120	7187	5454	10000	7000	117373	89666

Preliminary!!