



# CompactLight – WP1 & WP7

3<sup>rd</sup> Midterm Review | Glasgow Virtual, 16-18 June 2020



Regina Rochow



## MY PROJECT



**Call:** H2020-INFRADEV-2017-1  
**Type of Action:** RIA  
**Acronym:** XLS  
**Current Phase:** Grant Management  
**Number:** 777431  
**Duration:** 48 months  
**GA based on the:** H2020 General MGA — Multi - 3.null  
**Start Date:** 01 Jan 2018  
**Estimated Project Cost:** €3,639,225.00  
**Requested EU Contribution:** €2,999,500.00  
**Contact:** [Rene MARTINS](#)

- Latest Legal Data
- Active Processes
- Document Library
- Communication Centre
- Archived Processes

H2020 ONLINE MANUAL



	<b>Consortium Requested Amendment</b> AMD-777431-72	25 Mar 2020	
	Process documents		
	Process communications		
	Process history		
	<b>Periodic Reporting</b> REP-777431-1 - period 01/01/2018 > 30/06/2019	03 Jul 2019	
	Process documents		
	Process communications		
	Process history		
	<b>Consortium Requested Amendment</b> AMD-777431-3	19 Mar 2018	
	Process documents		
	Process communications		
	Process history		
	<b>Proposal Management &amp; Grant Preparation</b> 777431 - XLS	29 Mar 2017	



## Amendment Information

Number: 2  
 Reference: AMD-777431-72  
 Type: CR (Consortium Requested)  
 Justification: Implementation of a new w  
 The performance of an X-ra  
 the last XLS annual meeting  
 CompactLight does not incl

EU signature date: 08 Jun 2020

Beneficiary signature date: 03 Jun 2020

Date of entry into force: 08 Jun 2020

Entry into force: 08/06/2020

## Project Summary

### Project 777431 ( XLS ) - SIGNED (IN FORCE)

Responsible Unit: RTD/G/03  
 Call: H2020-INFRADEV-2016-2017 submitted for H2020-INFRADEV-20  
 Topic: INFRADEV-01-2017 - Design Studies  
 Type of Action: RIA  
 Duration: 48

### Important Dates:

Entry into force of the Grant: 08/12/2017  
 Project Start Date: 01/01/2018  
 Project End Date: 31/12/2021

### Amendment Information:

Number: 2  
 Reference: AMD-777431-72  
 Type: CR (Consortium Requested)

### Budget Information:

Proposal overall costs : 3,561,125.00 €  
 Maximum grant amount after evaluation : 2,999,500.00 €  
 Total costs (including non-EU funded) : 3,639,225.00 €  
 Total Costs: 3,009,500.00 €  
 Maximum Grant Amount: 2,999,500.00 € 99.67 % of total costs

### Officers:

Project Officer: Rene MARTINS (RTD/G/03)

New project end date:  
31/12/2021



21	BEN	✓	CSIC	AGENCIA ESTATAL CONSEJO SUPEI	ES	999991722	VALIDATED		Active
22	BEN	✓	UH/HIP	HELSINGIN YLIOPISTO	FI	999994535	VALIDATED		Active
23	BEN	✓	VU	STICHTING VU	NL	954530344	VALIDATED		Active
24	BEN	✓	USTR	UNIVERSITY OF STRATHCLYDE	UK	999974068	VALIDATED		Active
25	BEN	✓	UniToV	UNIVERSITA DEGLI STUDI DI ROMA	IT	999844864	VALIDATED	08/06/2020	New
26	BEN	✓	BNG	BILFINGER NOELL GMBH	DE	958066382	VALIDATED	08/06/2020	New

777431 (XLS) RIA Beneficiary 25: UniToV (New)  
 Legal Name: UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA  
 PIC: 999844864 Status: VALIDATED  
 Legal Address: VIA CRACOVIA 50 000 , 00133 , ROMA Italy

Reference: AMD-777431-72  
 Type: CR (Consortium Requested)

**Financial Data**

Use of 'Costs of in-kind contributions not used on premises?' (n)  Yes  No 0.00 €

Use of 'costs of large research infrastructure' in the grant?  Yes  No

Participates as 'not receiving EU funding' (requesting zero funding)  **Estimated total cost: 53100**

Two new partners:

- UniToV – P25
- BNG – P26

RIA Beneficiary 26: BNG (New)  
 Legal Name: BILFINGER NOELL GMBH  
 PIC: 958066382 Status: VALIDATED  
 Legal Address: ALFRED NOBEL STRASSE 20 000 , 97080 , WURZBURG Germany

**Financial Data**

Use of 'Costs of in-kind contributions not used on premises?' (n)  Yes  No 0.00 €

Use of 'costs of large research infrastructure' in the grant?  Yes  No

Participates as 'not receiving EU funding' (requesting zero funding)  **Estimated total cost: 25000**



## Work Packages

### New WP8 - Beam Diagnostics, m28-m42, leader: UniToV

Number ▲		Title	Lead Beneficiary	Start Month	End Month	Deliverables No.	Status
1	✓	Project management and Technical Coordination	ST	1	48	<a href="#">1, 2, 11 ...</a>	Updated
2	✓	FEL Science Requirements and Facility Design	STFC	2	48	<a href="#">3, 9, 12 ...</a>	Updated
3	✓	Gun and injector	INFN	2	39	<a href="#">4, 5, 13 ...</a>	Updated
4	✓	RF system	CERN	2	39	<a href="#">6, 15, 16 ...</a>	Updated
5	✓	Undulators and light production	ENEA	2	39	<a href="#">7, 17</a>	Updated
6	✓	Beam dynamics and start to end modelling	UA-IAT	2	42	<a href="#">8, 18</a>	Updated
7	✓	Global integration with new Research Infrastructures	ST	6	48	<a href="#">10, 19 ...</a>	Updated
8	✓	Beam Diagnostics	UniToV	28	42	<a href="#">20</a>	New
			Total:				



## Work Package Effort

## WP8 Partners and Efforts

	Effort	
1. ST	2.00	
2. CERN	1.00	
3. STFC	1.00	
9. UA-IAT	2.00	
13. INFN	2.00	
15. SAPIENZA	1.00	
16. ENEA	1.00	
25. UniToV	8.00	WP Leader
TOTAL:	18	

### Changes of efforts in other WPs:

- UniToV: 1 pm in WP1 & 1 pm in WP7
- BNG: 2 pm in WP5



## New D8.1 – XLS electron and photon beam diagnostics, m42, leader: UniToV

D11	D1.3	✓	Short monograph summarizing the Conceptual Design Report	ST	R	PU	48	Updated
D12	D2.3	✓	Hard X-ray FEL Conceptual Design Report	STFC	R	PU	48	Updated
D13	D3.3	✓	Injector diagnostics and beam manipulations	INFN	R	PU	39	Updated
D14	D3.4	✓	E-gun and injector Design	INFN	R	PU	39	Updated
D15	D4.2	✓	RF power unit	CERN	R	PU	39	Updated
D16	D4.3	✓	RF unit design and fabrication procedure	CERN	R	PU	39	Updated
D17	D5.2	✓	Conceptual Design Report of the undulator	ENEA	R	PU	39	Updated
D18	D6.2	✓	Start to end facility simulations	UA-IAT	R	PU	42	Updated
D19	D7.2	✓	CompactLight global integration analysis, services and cost	ST	R	PU	48	Updated
D20	D8.1	✓	XLS electron and photon beam diagnostics: layout and machine implementation	UniToV	R	PU	42	New

<u>31. March 2021:</u>		<u>30. June 2021:</u>		<u>31. December 2021:</u>	
D3.2	D3.3	D6.2	D8.1	D1.3	D2.3
D4.2	D4.3			D7.2	
D5.2					



## Updated and new Milestones (Meetings)

M12	✓	1st Annual Meeting and Project Review Joint Session.	ST	12	1st Annual Meeting and Project Review Joint Session.	<a href="#">1, 2, 3 ...</a>	Active
M13	✓	2nd WP2-WP6 Joint Meeting	CERN	18	2nd WP2-WP6 Joint Meeting - Hardware specification.	<a href="#">2, 3, 4 ...</a>	Active
M14	✓	2nd Mid-term Project Review.	ST	18	2nd Mid-term Project Review.	<a href="#">1, 2, 3 ...</a>	Active
M15	✓	2nd Annual Meeting and Project Review Joint Session.	ST	24	2nd Annual Meeting and Project Review Joint Session.	<a href="#">1, 2, 3 ...</a>	Active
M16	✓	3rd WP2-WP6 + WP8 Joint Meeting	STFC	35	3rd WP2-WP6 Joint Meeting + WP8 - Hardware Design.	<a href="#">2, 3, 4 ...</a>	Updated
M17	✓	3rd Mid-term Project Review	ST	35	3rd Mid-term Project Review	<a href="#">1, 2, 3 ...</a>	Updated
M18	✓	3rd Annual Meeting and Project Review Joint Session.	ST	41	3rd Annual Meeting and Project Review Joint Session.	<a href="#">1, 2, 3 ...</a>	Updated
M19	✓	Final Annual Meeting and Project Review Joint Session	ST	47	Final Annual Meeting and Project Review Joint Session	<a href="#">1, 2, 3 ...</a>	New

November 2020:

3<sup>rd</sup> Midterm Review

May 2021:

3<sup>rd</sup> Annual Meeting

November 2021:

Final Annual Meeting





## New Reporting Period: m37-m48

Reporting Periods					
Reporting P. ▲	From Month	To Month	Duration	Start date	End date
1	1	18	18	01/01/2018	30/06/2019
2	19	36	18	01/07/2019	31/12/2020
3	37	48	12	01/01/2021	31/12/2021

<p><u>Next Periodic Report:</u> February 2021</p>	<p><u>Last Periodic Report:</u> February 2022</p>	<p><u>Final Report:</u> February 2022</p>
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Reporting Period: m19-m36, 28 February 2021: Overleaf template available soon!!

**All partners:** Please insert papers, posters, presentations in the excel table (XLS workspace)

The screenshot shows a 'Project Continuous Report' dashboard with the following categories and status indicators:

- Summary for publication: Green checkmark
- Deliverables Ethics, DMP, Other Reports: Information icon
- Milestones: Information icon
- Critical Risks: Green checkmark
- Publications: Green checkmark
- Dissemination: Green checkmark
- Patents (IPR): Green checkmark
- Open Data: Information icon
- Gender: Red X (highlighted with a green box)
- ABS Regulation: Information icon

## Gender

### Gender of researchers and other workforce involved in the project

Please note that:

- The 'researchers' count must include researchers at all levels, incl. postdocs and PhD students
- Figures must be provided in Head Count
- The count for a beneficiary should include the staff working for its Third Parties (if appropriate)

**UniToV & BNG:**  
Please provide data!

Beneficiaries	Number of female researchers	Number of male researchers	Number of females in the workforce other than researchers	Number of males in the workforce other than researchers	Total number of females in the workforce	Total number of males in the workforce
25 - UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA	0	0	0	0	0	0
26 - BILFINGER NOELL GMBH	0	0	0	0	0	0



## Deliverables, Ethics, DMP, Other Reports

For each Deliverable, a single file (max 52MB) can be uploaded

[Show Filters](#) [Clear Filters](#)

WP N°	Del R#	Del N°	Title	Description	Lead	Nature	Dissem	Est. Del	F	Receipt Date	Approval Date	Status	
WP4	D4.1	D6	RF unit des	Computer cc	CEF	Repo	Publi	30 Jun		28 Jun 2019	21 Oct 2019	Approved	
WP5	D5.1	D7	Technologi	Review repo	ENE	Repo	Publi	30 Jun		28 Jun 2019	21 Oct 2019	Approved	
WP6	D6.1	D8	Computer c	Review repo	UA-	Repo	Publi	30 Jun		28 Jun 2019	21 Oct 2019	Approved	
WP1	D1.3	D11	Short monc	Production o	ST	Repo	Publi	31 Dec				Pending	
WP2	D2.3	D12	Hard X-ray	The concept	STF	Repo	Publi	31 Dec				Pending	
WP3	D3.3	D13	Injector di	Design repor	INF	Repo	Publi	31 Mar				Pending	
WP3	D3.4	D14	E-gun and i	E-gun and in	INF	Repo	Publi	31 Mar				Pending	
WP4	D4.2	D15	RF power u	Design repor	CEF	Repo	Publi	31 Mar				Pending	
WP4	D4.3	D16	RF unit des	Report on RF	CEF	Repo	Publi	31 Mar				Pending	
WP5	D5.2	D17	Conceptual	Design Repor	ENE	Repo	Publi	31 Mar				Pending	
WP6	D6.2	D18	Start to en	Final report	UA-	Repo	Publi	30 Jun				Pending	
WP7	D7.2	D19	CompactLi	Final report	ST	Repo	Publi	31 Dec				Pending	
WP8	D8.1	D20	XLS electr	The delivera	Uni	Repo	Publi	30 Jun				Pending	
WP2	D2.2	D9	FEL design	Report provi	STF	Repo	Publi	31 Dec		30 Dec 2019		Submitted	
WP7	D7.1	D10	CompactLi	Mid-term re	ST	Repo	Publi	31 Dec		30 Dec 2019		Submitted	

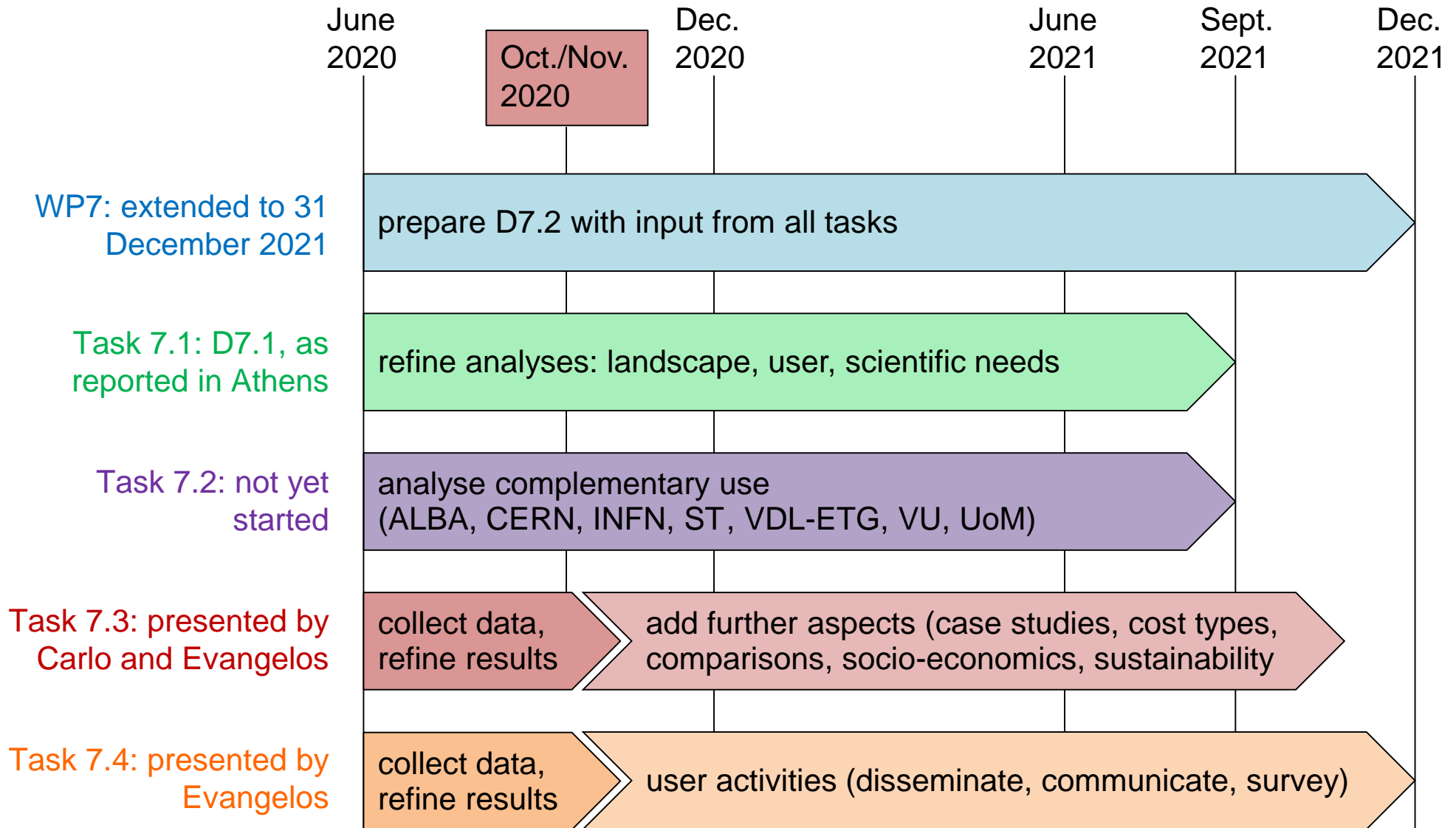
Next deliverables:  
March 2021

No feedback yet



## Status

## activities and timeline





# Thank you!

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www.CompactLight.eu



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