

H2020 AMICI

## **WP4.1: Industry Survey – Accelerator Technologies**



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# Task WP4.1

**“...to assist innovative European commercial organisations in identifying and successfully exploiting broader societal market opportunities for mature Accelerator technologies.”**

- The survey will assess the technical capabilities of each participating organisation in the identified Accelerator technology areas, looking at their equipment, skills and capacity to deliver, as well as their appetite for commercial innovation based on past history and current attitude to risk.
- In addition the survey will provide insight into the domains of societal applications and potential market sizes beyond Research Infrastructures.
- A report identifying specific domains of societal applications and European commercial organisations that have the current capability, and future potential, to innovate and develop solutions in the fields of mature Accelerator technologies will be delivered at the end of the project.

## Task 4.1: Industry Survey – Accelerator Technologies: Activities

Activities:	Person - months
Using sources such as TIARA output, ILOs, RIs, identify a list of companies to survey.	1
Solicit ideas for potential societal applications from TIARA output, ILOs, RIs.	1
Scope out work and write tender for 3rd party survey partner selection	0.75
Manage the 3rd party bid and selection process	0.75
Work with and manage 3rd party to perform survey and provide an analysis of their findings	4
i.    Their technical capabilities in identified technology areas - equipment/skills/capacity/network	
ii.   Their appetite for commercial innovation -past history/attitude to risk	
iii.  Their ideas regarding potential market opportunities for societal applications	
a.    Review existing reports of societal applications by research bodies:	
i.    TIARA output	
ii.   EUCARD2 Applications for Particle Accelerators in Europe – June 2015	
iii.  IAEA Applications of Electron Beams – Sept 2015 (Global scope)	
iv.   Accelerators for America’s Future – DoE Report – 2009?	
b. Create Survey for industry capabilities and potential market applications	
c.    Perform survey (In person and online survey?)	
i.    this will be outsourced to a 3rd party	
d.    Collate and perform initial analysis of results	
i.    this will be carried out by the 3rd party	
e.    Investigate market size – existing and potential	
Analyse the findings of the 3rd party to identify Europe’s potential to innovate in areas of societal applications and produce final report for AMICI.	2
<b>Total</b>	<b>9.50</b>

## Task 4.1: Industry Survey – Accelerator Technologies: Partner Contributions

Beneficiary	Brief Description of Overall Partner Contribution to the Task
Lead Partner - <b>STFC</b>	Workpackage lead, Manage the 3rd party bid and selection process.
CEA	
CERN	
CNRS	
PSI	

WP4	CEA	CERN	IFJ-PAN	INFN	CNRS	PSI	STFC	
WP4.1 - Person 1	1	4	0	0	2	3	5	
WP4.1 - Person 2	0	0	0	0	0	0	4.5	
WP4.1 - Total Person Months	1	4	0	0	2	3	9.5	19.5
WP4.1 - Outsourcing Cost	€ -	€ -	€ -	€ -	€ -	€ -	€ 50,000.00	€ 50,000.00

## Task 4.1: Industry Survey – Accelerator Technologies: Timescale

	Year 1												Year 2												Year 3					
Month	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
M4.1.1: 3rd Party selected															X															
M4.1.2: Report received from 3rd party																											X			
D4.1 Final report																														X