

# PROJECT PERIODIC REPORT

## Use of Resources

**Grant Agreement number:** 257669

**Project acronym:** ARROWS

**Project title:** Advanced interfaced micro-systems Research for analysis of Real-wOrld clinical, food, environmental and Waste Samples

**Funding Scheme:** FP7-ICT-2009-5

**Date of latest version of Annex I against which the assessment will be made:**

2010-07-05

**Periodic report:** 1<sup>st</sup> ☒ 2<sup>nd</sup> ☐ 3<sup>rd</sup> ☐ 4<sup>th</sup> ☐

**Period covered:** from 1/07/10 to 30/06/11

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<sup>1</sup> Usually the contact person of the coordinator as specified in Art. 8.1. of the Grant Agreement .

<sup>2</sup> The home page of the website should contain the generic European flag and the FP7 logo which are available in electronic format at the Europa website (logo of the European flag: [http://europa.eu/abc/symbols/emblem/index\\_en.htm](http://europa.eu/abc/symbols/emblem/index_en.htm) logo of the 7th FP: [http://ec.europa.eu/research/fp7/index\\_en.cfm?pg=logos](http://ec.europa.eu/research/fp7/index_en.cfm?pg=logos)). The area of activity of the project should also be mentioned.

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## 1 PO1 – Tyndall-UCC

<b>TABLE 2.01 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 1 TYNDALL-UCC FOR THE PERIOD 1/07/10 to 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
1,3,4,5,7	Personnel direct costs	76968.73€	Salaries of 3 Researchers for 6.5 PM's, 1.4 PM's and 2.1 PM's, 1 Engineer for 2.1 PM's, and 1 MSc Student for 7.7 PM's
	Subcontracting	0.00 €	
1,3,7	Major cost item 'Travel'	2801.49 €	Researchers Travel Costs: P.O'Brien Concertation Event Bilbao C.O'Murchu 6 Mth Review Mtg. London P.O'Brien Work Package 3 Mtg. Helsinki
3,4	Major cost item 'Consumables'	47191.00€	Silicon Fabrication Charges
3,4	Remaining direct costs	20597.16€	Compound Semiconductor Charges, Processing Charges, Dicing & Failure Reliability analysis, Equipment Consumables, and general Consumables: masks, wafers, syringes, fluidic connectors and courier costs.
	Indirect costs	88535.03€	60%
TOTAL COSTS <sup>3</sup>		236093.41€	

## 2 P02 – VTT

<b>TABLE 2.02 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 2 VTT FOR THE PERIOD 1/07/10 to 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
1, 2, 3	Personnel direct costs	69455,43	12,4 person months (RTD 12,2 and MGT 0,2)
	Subcontracting	0,00	
1, 2, 3, 5	Travels	6 439,00	Cork, Ireland 2 persons 7/2010, Berlin Germany 2 persons 2/2011, Woking London Great Britain 2 persons 2/2011, Espoo Finland 1 person 9/2010, Espoo Finland 1 person 12/2010
3	Materials	3 659,00	Chemicals, Laminate films, Embossing shims
2	Remaining direct costs	113	Catering at project meeting
	Indirect costs	128 753,80	
TOTAL COSTS		208 420,23	

<sup>3</sup> Total costs have to be coherent with the costs claimed in Form C.

### 3 P03 – MS

<b>TABLE 2.03 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 3 MS FOR THE PERIOD 1/07/10 to 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
4, 5, 7	Personnel direct costs	189,040.09	Salaries and oncosts for staff working on these three work packages. WP 4: 39.3 person months (14 staff members) WP 5: 6.0 person months (2 staff members) WP 7: 0.7 person months (1 staff member)
	Subcontracting	-	
	Major cost items	-	
	Remaining direct costs	2,004.43	Travel to Project meeting July 2010, hosting Project meeting February 2011, and initial purchases of consumables
	Indirect costs	136,029.36	
<b>TOTAL COSTS</b>		<b>327,073.88</b>	

### 4 P04 - CSEM

<b>TABLE 2.04 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 4 CSEM FOR THE PERIOD 1/07/10 to 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
1,2	Personnel direct costs	74,680	R&D work in WP2: Development of handling concept for automated sampling with micro needles; feasibility of visual tracking of selected sample areas; development of application software framework; coordination with project R&D partners Management activities in WP1: Preparation and participation in management meetings
	Subcontracting	0.00	
1,2	Major cost item 'Travel'	2,534	Travel costs for project meetings in Helsinki (technical meeting: microneedle, 28.10-30.10.2010), Berlin (technical meeting: end-user requirements, 7.2.-8.2.2011), Woking (consortium meeting, 16.2.-17.2.2011)
2	Major cost item material	1,274	Camera for automation setup
	Remaining direct costs	0.00	
	Indirect costs	118,740	Indirect costs related to personnel costs above
<b>TOTAL COSTS:</b>		<b>197,228</b>	

## 5 P05 - FERA

<b>TABLE 2.05 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY 5 FERA FOR THE PERIOD 1/07/10 to 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
6	Personnel direct costs	8,013.89	Salaries of 2 Researchers for 1.4 PM's
	Subcontracting	0.00	
6	Major cost item 'Travel'	943.99	Researcher Travel Costs Project & Kick Off Mtgs: R.Fussell
	Major cost item 'Consumables'	0.00	
	Remaining direct costs	0.00	
	Indirect costs	8,438.67	
TOTAL COSTS		17,396.55	

## 6 P06 – C-UB

<b>TABLE 2.06 PERSONNEL, SUBCONTRACTING AND OTHER MAJOR COST ITEMS FOR BENEFICIARY NO. 6 C-UB FOR THE PERIOD 01/07/10 – 30/06/11</b>			
Work Package	Item description	Amount in € with 2 decimals	Explanations
WP6	Personnel direct costs	31,509	Salaries of one assistant doctor (3 months), salaries of four assistants (students)
	Subcontracting	--	
	Major cost item 'X'	--	
	Major cost item 'Y'	--	
WP6	Remaining direct costs	1,792	1 <sup>st</sup> project meeting (Cork, Ireland) and 2 <sup>nd</sup> project meeting (Woking, UK): travel and accommodation costs
WP6	Indirect costs	19,981	
TOTAL COSTS		53,282	