

## Monitoring Report

### 1. Project details

Acronym	FORESEA	Project no	NWE55
Priority	Priority Axis 2	SO	SO3
Title	Funding Ocean Renewable Energy through Strategic European Action		
Start date	25/02/2016	End date	13/12/2019
Project budget (TEC)	€10,441,056.08	Project budget (ERDF)	€6,264,633.65

### 2. Project progress report details

Period no	2	Date of submission to JS	03/11/2017
Progress report number	Report 2.1	Progress report status	Report submitted to JS
Reporting from	01/01/2017	Until	30/06/2017
Total included project report	€905,870.89	Total approved by JS	€0.00

### 3. JS checklist

Question	Answer	Answer comment
Question	Answer	Answer comment
I. Administrative questions		
1. Was the progress report submitted on time?	Yes	The report was submitted on 29 September 2017. It had to be reverted and was re-submitted on the 3rd of November 2017 due to some inconsistencies in the indicator section that were clarified.
2. Are all sections in the progress report correctly filled in?	Yes	
3. Are the project outputs correctly reported in the indicator section?	Yes	
4. Have all partners had their FLCs approved?	No	The French partner ECN (PP4) had to hire a new FLC due to the requirement by the French authorities to cancel the contract with the previous FLC (equidisto). Therefore, ECN could not claim this time.
5. If new partners joined the project, was a new Partnership Agreement provided?	Not applicable	6 sub-partners were added (see below) but this did not require a revised partnership agreement.
II. Thematic project content		
6. Are the developments related to the project activities and deliverables in line with the AF?	Yes	There are problems with the allocation of support packages at the NL and IE test sites (in WP T3). This is due to pending license approvals from national authorities for their facilities. For Ireland, PP3 (SBL) confirmed that this issues should be solved by the end of 2017. For the Netherlands, PP2 (DMEC) could not predict a timeline but at least confirmed that the two already signed contracts with sub-partners will not be affected. Furthermore, just one of their sites is concerned with this issue. Both partners need to speed up the testing in 2018, so that the project will achieve its output targets of 26 adopted/applied low carbon technologies.
7. Are there any delays in the delivery of the key project outputs?	No	The delivery of the key project outputs (26 enterprises cooperating with research and 26 applied low carbon technologies) is currently progressing in accordance to the work plan. Once the above mentioned issues are solved (license approval), the project should be able to achieve its key output targets in future reporting periods (in 2018).
8. Are there any delays in the delivery of the remaining project outputs?	No	
9. Have there been any changes to the key project outputs?	No	
10. Have there been any changes to the remaining project outputs?	No	

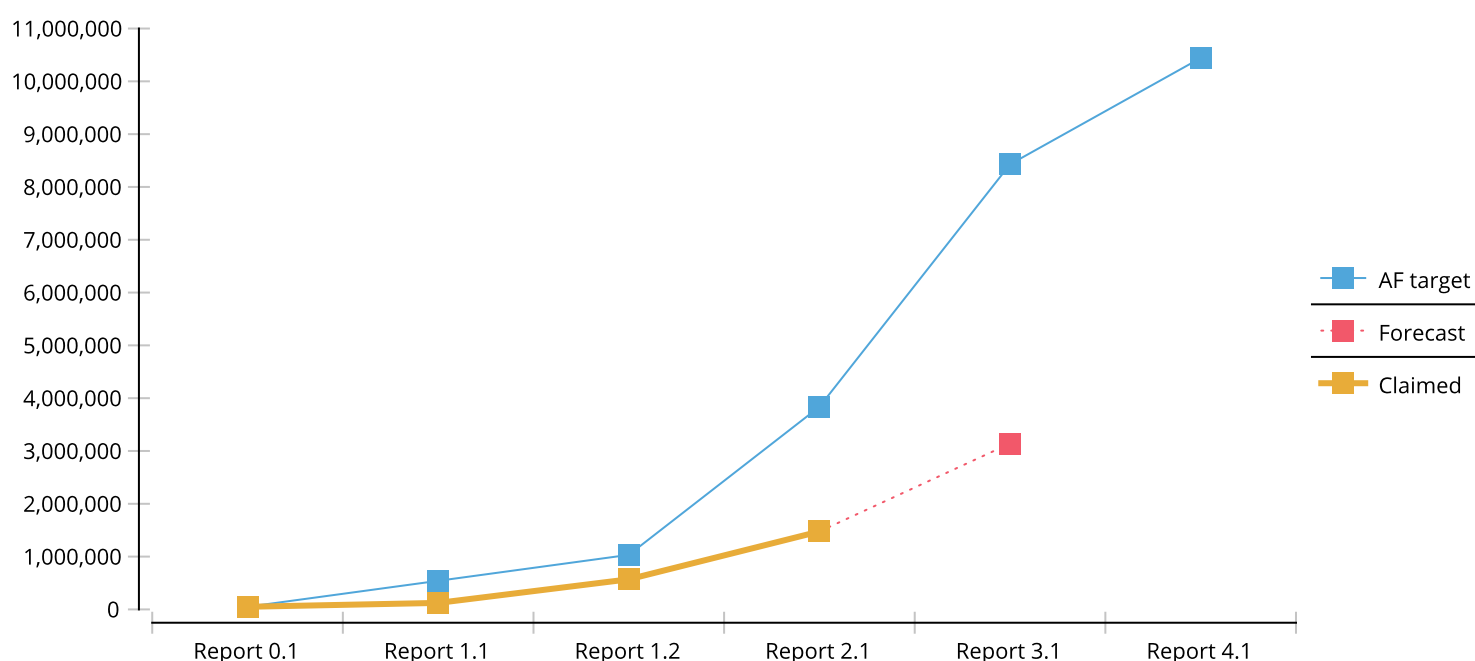
Question	Answer	Answer comment
11. Have there been any IPR issues spotted?	No	
III. Investments		
12. Have any of the project investments encountered delays in any of the delivery stages?	Not applicable	
13. Have there been any issues or problems encountered by the partners that could prevent any of the project investments from being delivered?	Not applicable	
14. Have the investments undergone any of the following changes:	Not applicable	
15. In case the project includes infrastructure investments, have the publicity measures been met?	Not applicable	
IV. Communication questions		
16. In case of the first project report submitted by the partnership, has the partnership submitted the communication strategy?	Not applicable	
17. Does the project follow the programme branding requirements?	Yes	
V. Partnership		
18: Have there been any partner changes?	Yes	6 new sub-partners were added as part of an official modification request which was approved by the JS in July 2017. Four sub-partners were added under PP1 (EMEC, UK): Scotrenewables, Tocardo Tidal Energy Ltd., Sustainable Marine Energy Ltd. and CorPower Ocean Ltd. Two sub-partners were added under PP2 (DMEC, NL): Tocardo International B.V and Fishflow Innovations B.V.
19: In case the project involves private partners, is there any undeclared revenue expected from them?	No	
20: Is the partnership dynamics sufficient?	Yes	All partners are involved in the implementation of the project as outlined in the application form.
VI. General management questions		
21: Is the project management practice effective?	Yes	
VII. Control questions		
22: Did the FLC submit all documents in sufficient quality?	Yes	For PP3, SBL (IE), there was one invoice ("Catering WavePower Meeting", € 98.00) where the payment date was not specified. The FLC sent an email to the LP/JS and confirmed that payment has been made on the 30.03.17 as per bank statement provided by the project partner Smartbay Ireland Ltd.
23: Did the FLCs make any correction?	Yes	Minor corrections (deductions between €1000 - €3000) were made for PP1 (EMEC, UK and sub-partner Tocardo UK) and PP3 (SmartBay, IE) related to staff, travel and external expert costs. For the UK sub-partner Scotrenewables, major corrections (>€24,000) were done due to miscalculation of staff costs.
24: Do you have any indication that any errors are systemic?	No	
25. Did the FLC properly enter the corrections?	Yes	

Question	Answer	Answer comment
26. Were the corrections implemented?	Yes	
27. Are there any comments in the conclusions and recommendations or follow-up measures of the FLC report?	No	
28. Are there other controls pending?	No	
29. Expenditure check: is the claimed expenditure in line with the eligibility of expenditure rules and the other programme rules?	Yes	All costs were correctly reported on. The JS asked for additional explanations on PP1's equipment costs related to assets which were rejected in the last claim due to missing evidence. The partner confirmed that they related to project activities and that public procurement rules were followed. The depreciation method for these assets had been approved by their FLC and the UK approbation body. Another item under external experts related to the general electricity supplier (SSE) of PP1; costs related to electricity for the testing (so, no overhead costs). The UK approbation body confirmed in an email that there does not need to be a public procurement for the electricity supplier in this specific case. Public procurement checklists were attached, where necessary.
VIII. Finance questions		
30. Are all partners reporting expenditure?	No	As mentioned above, PP4 (ECN, FR) could not claim due to the missing FLC.
31. Is the level of expenditure in line with the AF?	No	Project spending is lagging behind. In particular, PP2 (DMEC, NL), PP3 (SBL, IE) and PP4 (ECN, FR), are concerned with this issue. The discrepancy is mainly due to the missing partner claim of ECN but also due to the delays in allocating vouchers for IE and NL sites. The LP is aware of this issue and planned to develop a mitigation plan addressing this issue at one of their partner meetings.
32. Does the forecast indicate a change in the spending trend?	No	The forecast is not reassuring; if this scenario proves to be true, the project will keep falling below its spending target. Partners should prepare an action plan and discuss with the JS officer how to mitigate the risks.
33. Does spending on any budget line come close to 85%? If yes, which one(s)?	No	
34. In case of advance payments, are the micro-partners delivering as expected?	Not applicable	
Conclusions	No	<p>1. The costs incurred by the partnership are reasonable when compared to financial benchmarks. They are also reasonable when compared to the deliverables and outputs produced by the partnership in this reporting period.</p> <p>2. JS has not noted obstacles that could prevent the partnership from achieving the envisaged project result or the long-term effects 5 and 10 years after the project end-date. The level of partnership ambition reflected in the project objective and the ultimate goal (the project result) remains unchanged when compared to the original application form. Similarly, the scope of the economic/environmental or social benefits that the project will bring in the NWE territory in the long-term (the long-term effects) remains unchanged when compared to the project application form.</p> <p>3. The amount the partnership requested is approved in full. €543,522.51 will be transferred to the LP in the coming days. We remind the LP that ERDF amounts should then be transferred to partners in a timely manner and in full.</p>
Recommendations for the next reporting period	No	<ul style="list-style-type: none"> <li>- Please submit your next progress report on 30 March 2018 the latest.</li> <li>- Please continue sending us regular updates on project progress and success stories.</li> <li>- Closely monitor the process about the license approval at the Dutch and Irish test sites. Any issues should be flagged up to the JS as early as possible.</li> <li>- All partners need to accelerate their spending and prepare an action plan how to mitigate the risk of decommitment.</li> <li>- All partners, including the sub-partners, need to provide reliable forecasts in the next progress reports.</li> <li>- Please make sure that each item under the list of expenditure includes a payment date.</li> </ul>

## 4. Project financial performance

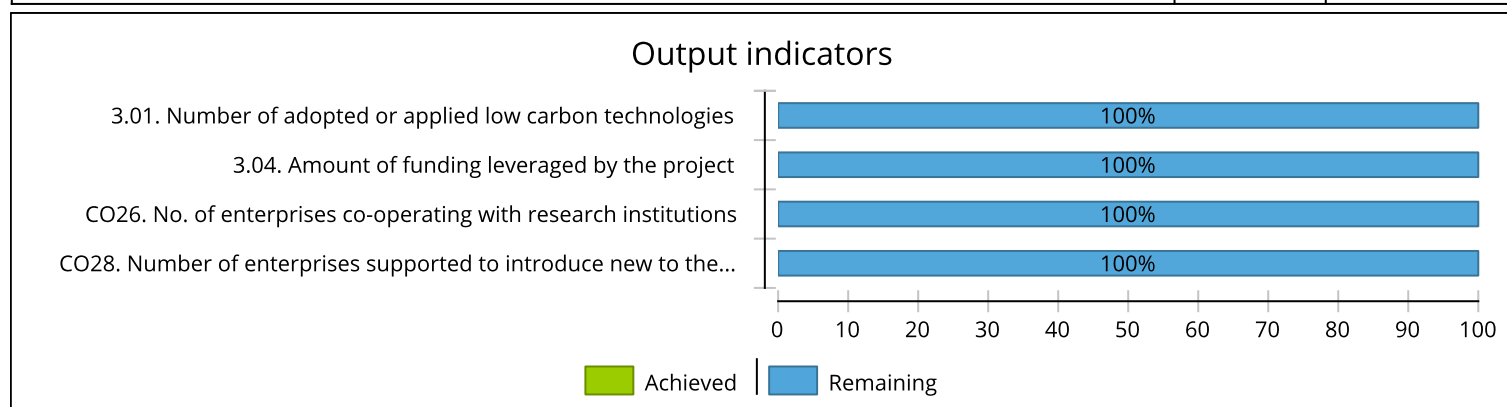
Period no	Report	Spending target per period	Cumulative spending target	Total expenditure approved by JS	Next period forecast	Cumulative expenditure (with next period forecast)
0	Report 0.1	€50,000	€50,000	€50,000		€50,000
1	Report 1.1	€491,527	€541,527	€73,396		€123,396
1	Report 1.2	€491,527	€1,033,053	€401,396	€535,517	€569,763
2	Report 2.1	€2,803,921	€3,836,975	€0	€535,517	€1,475,634
3	Report 3.1	€4,591,286	€8,428,260		€1,665,529	€3,141,163
4	Report 4.1	€2,012,796	€10,441,056			

**Spendings**

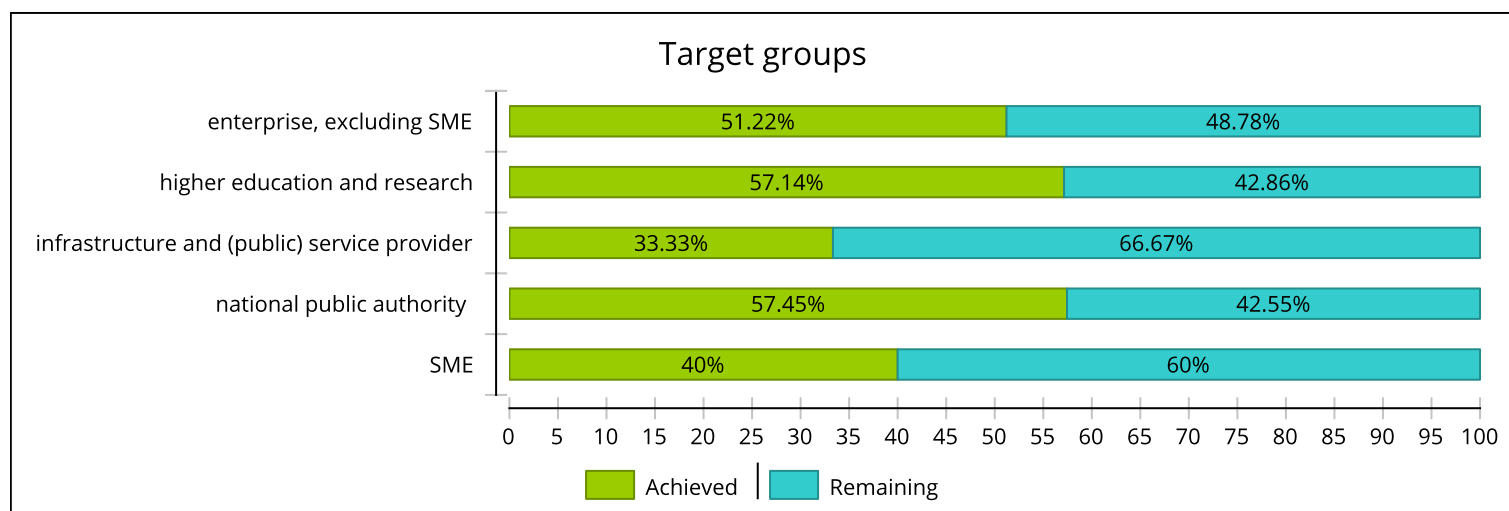


## 5. Output indicators

Output indicator name	Target	Report	Achieved
3.01. Number of adopted or applied low carbon technologies	26		
		Report 0.1	0
		Report 1.1	0
		Report 1.2	0
		Report 2.1	0
3.04. Amount of funding leveraged by the project	30,000,000		
		Report 0.1	0
		Report 1.1	0
		Report 1.2	0
		Report 2.1	0
CO26. No. of enterprises co-operating with research institutions	26		
		Report 0.1	0
		Report 1.1	0
		Report 1.2	0
		Report 2.1	0
CO28. Number of enterprises supported to introduce new to the market products	52		
		Report 0.1	0
		Report 1.1	0
		Report 1.2	0
		Report 2.1	0



## 6. Target groups



## 7. Current report partner claims detail

P. no	Name	Report number	Forecast	Declared by PP	Verified by FLC	Sitting ducks	Certified by FLC	LP amount approved	JS approved amount	JS approved amount (ERDF)
<b>1</b>	<b>The European Marine Energy Centre Limited</b>									
	<b>Report 2.1</b>		<b>€900,000.00</b>	<b>€536,558.57</b>	<b>€536,558.57</b>	<b>€0.00</b>	<b>€533,399.73</b>	<b>€533,399.73</b>	<b>€0.00</b>	<b>€0.00</b>
	Equipment			€116,856.16	€116,856.16	€0.00	€114,982.78	€114,982.78	€0.00	€0.00
	External expertise and services			€105,921.95	€105,921.95	€0.00	€107,777.54	€107,777.54	€0.00	€0.00
	Office and administration			€38,280.96	€38,280.96	€0.00	€38,332.13	€38,332.13	€0.00	€0.00
	Staff costs			€255,205.88	€255,205.88	€0.00	€255,547.06	€255,547.06	€0.00	€0.00
	Travel and accommodation			€20,293.62	€20,293.62	€0.00	€16,760.22	€16,760.22	€0.00	€0.00
<b>2</b>	<b>Stichting Dutch Marine Energy Centre</b>									
	<b>Report 2.1</b>		<b>€80,000.00</b>	<b>€24,500.84</b>	<b>€24,500.84</b>	<b>€0.00</b>	<b>€24,500.84</b>	<b>€24,500.84</b>	<b>€0.00</b>	<b>€0.00</b>
	External expertise and services			€19,014.35	€19,014.35	€0.00	€19,014.35	€19,014.35	€0.00	€0.00
	Office and administration			€597.58	€597.58	€0.00	€597.58	€597.58	€0.00	€0.00
	Staff costs			€3,983.87	€3,983.87	€0.00	€3,983.87	€3,983.87	€0.00	€0.00
	Travel and accommodation			€905.04	€905.04	€0.00	€905.04	€905.04	€0.00	€0.00
<b>3</b>	<b>SmartBay Ireland Ltd</b>									
	<b>Report 2.1</b>		<b>€120,000.00</b>	<b>€53,496.26</b>	<b>€52,597.08</b>	<b>€899.18</b>	<b>€51,213.72</b>	<b>€51,213.72</b>	<b>€0.00</b>	<b>€0.00</b>
	External expertise and services			€1,763.60	€1,763.60	€0.00	€1,763.60	€1,763.60	€0.00	€0.00
	Office and administration			€6,408.43	€6,408.43	€0.00	€6,227.98	€6,227.98	€0.00	€0.00
	Staff costs			€42,723.00	€42,723.00	€0.00	€41,520.09	€41,520.09	€0.00	€0.00
	Travel and accommodation			€2,601.23	€1,702.05	€899.18	€1,702.05	€1,702.05	€0.00	€0.00
<b>5</b>	<b>Ocean Energy Europe</b>									
	<b>Report 2.1</b>		<b>€48,339.50</b>	<b>€46,977.75</b>	<b>€46,977.75</b>	<b>€0.00</b>	<b>€46,977.75</b>	<b>€46,977.75</b>	<b>€0.00</b>	<b>€0.00</b>
	External expertise and services			€360.00	€360.00	€0.00	€360.00	€360.00	€0.00	€0.00
	Office and administration			€5,741.51	€5,741.51	€0.00	€5,741.51	€5,741.51	€0.00	€0.00
	Staff costs			€38,276.85	€38,276.85	€0.00	€38,276.85	€38,276.85	€0.00	€0.00
	Travel and accommodation			€2,599.39	€2,599.39	€0.00	€2,599.39	€2,599.39	€0.00	€0.00
<b>6</b>	<b>Scotrenewables Tidal Power Ltd</b>									
	<b>Report 2.1</b>		<b>€0.00</b>	<b>€193,931.56</b>	<b>€193,931.56</b>	<b>€0.00</b>	<b>€168,950.27</b>	<b>€168,950.27</b>	<b>€0.00</b>	<b>€0.00</b>
	External expertise and services			€19,173.48	€19,173.48	€0.00	€19,173.48	€19,173.48	€0.00	€0.00
	Office and administration			€22,794.55	€22,794.55	€0.00	€19,536.12	€19,536.12	€0.00	€0.00

P. no	Name	Report number	Forecast	Declared by PP	Verified by FLC	Sitting ducks	Certified by FLC	LP amount approved	JS approved amount	JS approved amount (ERDF)
<b>6</b>	<b>Scotrenewables Tidal Power Ltd</b>									
		<b>Report 2.1</b>	<b>€0.00</b>	<b>€193,931.56</b>	<b>€193,931.56</b>	<b>€0.00</b>	<b>€168,950.27</b>	<b>€168,950.27</b>	<b>€0.00</b>	<b>€0.00</b>
		Staff costs		€151,963.53	€151,963.53	€0.00	€130,240.67	€130,240.67	€0.00	€0.00
<b>9</b>	<b>Tocado Tidal Energy Limited</b>									
		<b>Report 2.1</b>	<b>€35,000.00</b>	<b>€83,441.73</b>	<b>€83,441.73</b>	<b>€0.00</b>	<b>€80,828.58</b>	<b>€80,828.58</b>	<b>€0.00</b>	<b>€0.00</b>
		Office and administration		€10,883.70	€10,883.70	€0.00	€10,542.85	€10,542.85	€0.00	€0.00
		Staff costs		€72,558.03	€72,558.03	€0.00	€70,285.73	€70,285.73	€0.00	€0.00
	<b>Total per report</b>		<b>€1,228,339.50</b>	<b>€938,906.71</b>	<b>€938,007.53</b>	<b>€899.18</b>	<b>€905,870.89</b>	<b>€905,870.89</b>	<b>€0.00</b>	<b>€0.00</b>



## 8. Partner claims summary

P. no	Name	Report number	Budget	Total declared by partner	Verified by FLC	Sitting ducks	LP amount approved	JS amount approved	JS amount approved (ERDF)	Forecast
<b>1</b>	<b>The European Marine Energy Centre Limited</b>									
		Report 0.1		€50,000.00	€50,000.00	€0.00	€50,000.00	€50,000.00	€30,000.00	€0.00
		Report 1.1		€76,786.15	€73,396.30	€0.00	€73,396.30	€73,396.30	€44,037.78	€0.00
		Report 1.2		€296,930.27	€294,716.72	€0.00	€294,716.72	€249,745.56	€149,847.34	€450,000.00
		Report 2.1		€536,558.57	€533,399.73	€0.00	€533,399.73	€0.00	€0.00	€900,000.00
	Partner total		€4,604,665.01	€960,274.99	€951,512.75	€0.00	€951,512.75	€373,141.86	€223,885.12	€1,350,000.00
<b>2</b>	<b>Stichting Dutch Marine Energy Centre</b>									
		Report 2.1		€24,500.84	€24,500.84	€0.00	€24,500.84	€0.00	€0.00	€80,000.00
	Partner total		€602,441.70	€24,500.84	€24,500.84	€0.00	€24,500.84	€0.00	€0.00	€80,000.00
<b>3</b>	<b>SmartBay Ireland Ltd</b>									
		Report 1.1		€31,259.91	€30,652.67	€0.00	€30,652.67	€30,652.67	€18,391.60	€0.00
		Report 1.2		€40,376.89	€40,376.89	€0.00	€40,376.89	€40,376.89	€24,226.13	€0.00
		Report 2.1		€53,496.26	€51,213.72	€899.18	€51,213.72	€0.00	€0.00	€120,000.00
	Partner total		€1,838,088.28	€124,233.88	€122,243.28	€899.18	€122,243.28	€71,029.56	€42,617.74	€120,000.00
<b>5</b>	<b>Ocean Energy Europe</b>									
		Report 1.1		€25,328.77	€25,349.68	€0.00	€25,349.68	€25,349.68	€15,209.81	€0.00
		Report 1.2		€56,568.71	€55,270.97	€0.00	€55,270.97	€55,270.97	€33,162.58	€40,517.00
		Report 2.1		€46,977.75	€46,977.75	€0.00	€46,977.75	€0.00	€0.00	€48,339.50
	Partner total		€378,413.70	€128,875.23	€127,598.40	€0.00	€127,598.40	€80,620.65	€48,372.39	€88,856.50
<b>6</b>	<b>Scotrenewables Tidal Power Ltd</b>									
		Report 2.1		€193,931.56	€168,950.27	€0.00	€168,950.27	€0.00	€0.00	€0.00
	Partner total		€207,253.32	€193,931.56	€168,950.27	€0.00	€168,950.27	€0.00	€0.00	€0.00
<b>9</b>	<b>Tocado Tidal Energy Limited</b>									
		Report 2.1		€83,441.73	€80,828.58	€0.00	€80,828.58	€0.00	€0.00	€35,000.00
	Partner total		€121,799.99	€83,441.73	€80,828.58	€0.00	€80,828.58	€0.00	€0.00	€35,000.00
	<b>Total per project</b>			<b>€1,516,157.41</b>	<b>€1,475,634.12</b>	<b>€899.18</b>	<b>€1,475,634.12</b>	<b>€524,792.07</b>	<b>€314,875.24</b>	<b>€1,673,856.50</b>