

## Progress Report

<b>Sponsor Name:</b>	<b>Royal Society of Chemistry</b>
<b>Project Name:</b>	<b>Spectroscopy in a Suitcase</b>
<b>Project Reference:</b>	<b>Project reference No. 51</b>
<b>Claim Period &amp; Invoice no.</b>	<b>Quarter3 (01 Apr – 30 Jun 2013)</b>
<b>Project End Date:</b>	<b>30 June 2013</b>
<b>Total Project Cost:</b>	<b>£100,000.00 Budget, Total Cost £74,715</b>

**1. Progress Report** – Please provide details of Project progress and achievements to date together with an indication of future activity. Please also use this section to highlight any difficulties being encountered on the Project and how they are being addressed.

The Spectroscopy in a Suitcase Project has surpassed its targets for student and teacher engagement and has done so well within budget.

A total of 81 events were delivered to 1,795 students by the end of Q3, well in excess of the target of 70 events. We are in the process of collecting feedback from students and teachers – we have received a lot of very positive comments - and we will share this information with you in due course.

Two new NMR spectrometers are now based at Cardiff and Bangor – the introduction of this technology is something we are very excited about. Staff will be trained in their use in July in time for the Autumn term. A new FT-IR spectrometer has also been received at Aberystwyth and the team there plan to roll-out events in mid-Wales during the Autumn term.

Costs were significantly lower than forecast, mainly due to lower than anticipated costs of resource development. These resources include the translation of an “Introduction to Spectroscopy” into Welsh and provision of information on NMR, also in Welsh. This will be live on our web site, Learn Chemistry, in August. You will find the English version here:

<http://www.rsc.org/learn-chemistry/collections/spectroscopy/introduction>

In summary, we are very pleased with the performance of this project, very grateful to NSA Wales for making this possible and look forward to working with you in future.

## 2. Any outstanding actions resulting from the last progress meeting

All outstanding issues have been addressed.

### 3. Update on Commitment / Expenditure

#### Summary

Planned expenditure in Q1

Actual expenditure in Q1

Planned expenditure in Q2

Redacted – s43(2)

Actual expenditure in Q2

Planned expenditure in Q3

Actual expenditure in Q3

#### Total final expenditure

Item	Q1 Actual	Q2 Actual	Q3 Actual	Total
Cardiff SIAS (FT-IR)		Redacted	S43(2)	
Bangor SIAS (FT-IR)				
Aberwsyth SIAS (FT-IR)				
NMR for Cardiff (plus free kit for Bangor)				
NMR and FT-IR education resources				
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The significant variance in actual versus forecast expenditure in Q3 can mainly be explained by lower than expected costs for resource development.

The information gathered from the Spectroscopy in a Suitcase Project will be used in to create more accurate budget forecasts in future while continuing to deliver to target. If opportunities to make savings arise, we will, of course pursue them.

### 4. Update on Milestones / Outputs / Outcomes

Number of events	Year 1 target	Q1 actual	Q2 actual	Q3 actual	Total
Cardiff	30	12	10	31	53
Bangor	30	5	14	9	28
Aberwsyth	10	0	0	0	0
Total	<hr/> 70				<hr/> 81
Total no of students reached: (estimated at 22 students per event)	<hr/> <b>1,540</b>	302	428	1065	<hr/> <b>1,795</b>