

Estimated Capital Costings

The figures below are per centre.

	Year 1 set-up Cap-Ex	Yr 2	Yr 3	Yr 4	Yr 5	5 Year TOTAL
Building renovation & modification	150,000	0	0	0	0	150,000
Training equipment	55,000	0	0	0	0	55,000
Furniture	8,000	0	0	0	0	8,000
IT Hardware	18,000	0	0	0	0	18,000
Annual Capital Costs	231,000	25,000	25,500	26,010	26,530	334,040

Inflation	2%
-----------	----

	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	10 Year TOTAL
Building renovation & modification	0	0	0	0	0	150,000
Training equipment	0	0	0	0	0	55,000
Furniture	0	0	0	0	0	8,000
IT Hardware	0	0	0	0	0	18,000
Annual Capital Costs	27,061	27,602	28,154	28,717	29,291	474,866

Operational Cost Estimates

Estimated Costings based on Project Commencement on 1/4/20

The figures below are per centre.

	20/21 Financial Year	21/22 Financial Year	22/23 Financial Year	23/24 Financial Year	24/25 Financial Year	5 Year TOTAL
Heading						
Staffing						
Manager	£43,750	£44,625	£45,518	£46,428	£47,356	
Liaison Officer	£18,750	£38,250	£39,015	£39,795	£40,591	
Admin Support	£25,000	£25,500	£26,010	£26,530	£27,061	
Costs and travel	£8,000	£8,200	£8,364	£8,531	£8,702	
Total Staffing	£95,500	£116,575	£118,907	£121,285	£123,710	£575,976
Rent/Services etc						
Rent/Rates	£30,000	£30,600	£31,212	£31,836	£32,473	
Services from Host authority	£10,000	£10,200	£10,404	£10,612	£10,824	
Services etc	£15,000	£15,300	£15,606	£15,918	£16,236	
Total Rent/Services	£55,000	£56,100	£57,222	£58,366	£59,534	£286,222
Other Admin						
Consumables	£5,000	£5,100	£5,202	£5,306	£5,412	
Other	£5,000	£5,100	£5,202	£5,306	£5,412	
Total Other Admin	£10,000	£10,200	£10,404	£10,612	£10,824	£52,040
Information Technology						
ICT Consumables	£2,000	£2,040	£2,081	£2,122	£2,165	
Licences	£4,000	£4,080	£4,162	£4,245	£4,330	
Software	£0	£0	£0	£0	£0	
IT Total	£6,000	£6,120	£6,242	£6,367	£6,495	£31,224
Marketing and Promotions						
Launch and Initial Communications	£12,000	£0	£0	£0	£0	
Initial Marketing Advice/Work	£10,000	£0	£0	£0	£0	
Exhibitions/Conferences/Marketing	£0	£2,000	£2,040	£2,081	£2,122	
Printing etc	£3,000	£3,060	£3,121	£3,184	£3,247	
Marketing and Promotions TOTAL	£25,000	£5,060	£5,161	£5,264	£5,370	£45,855
Training Costs						
Delivery costs (incl Facilitator)	£440,000	£450,000	£459,000	£468,180	£477,544	
School Support Costs	£250,000	£255,000	£260,100	£265,302	£270,608	
Translation Costs	£50,000	£51,000	£52,020	£53,060	£54,122	
Training materials/consumables		£25,000	£25,500	£26,010	£26,530	
Training Costs Total	£740,000	£781,000	£796,620	£812,552	£828,803	£3,958,976
TOTAL EXPENDITURE	£931,500	£975,055	£994,556	£1,014,447	£1,034,736	£4,950,294

	25/26 Financial Year	26/27 Financial Year	27/28 Financial Year	28/29 Financial Year	29/30 Financial Year	2nd 5 Year Total	10 Year Total
Heading							
Staffing							
Manager	£48,304	£49,270	£50,255	£51,260	£52,285		
Liaison Officer	£41,403	£42,231	£43,076	£43,937	£44,816		
Admin Support	£27,602	£28,154	£28,717	£29,291	£29,877		
Costs and travel	£8,876	£9,053	£9,235	£9,419	£9,608		
Total Staffing	£126,185	£128,708	£131,282	£133,908	£136,586	£656,669	£1,232,646
Rent/Services etc							
Rent/Rates	£33,122	£33,785	£34,461	£35,150	£35,853		
Services from Host authority	£11,041	£11,262	£11,487	£11,717	£11,951		
Services etc	£16,561	£16,892	£17,230	£17,575	£17,926		
Total Rent/Services	£60,724	£61,939	£63,178	£64,441	£65,730	£316,012	£602,235
Other Admin							
Consumables	£5,520	£5,631	£5,743	£5,858	£5,975		
Other	£5,520	£5,631	£5,743	£5,858	£5,975		
Total Other Admin	£11,041	£11,262	£11,487	£11,717	£11,951	£57,457	£109,497
Information Technology							
ICT Consumables	£2,208	£2,252	£2,297	£2,343	£2,390		
Licences	£4,416	£4,505	£4,595	£4,687	£4,780		
Software	£0	£0	£0	£0	£0		
IT Total	£6,624	£6,757	£6,892	£7,030	£7,171	£34,474	£65,698
Marketing and Promotions							
Launch and Initial Communications	£0	£0	£0	£0	£0		
Initial Marketing Advice/Work	£0	£0	£0	£0	£0		
Exhibitions/Conferences	£2,165	£2,208	£2,252	£2,297	£2,343		
Printing etc	£3,312	£3,378	£3,446	£3,515	£3,585		
Marketing and Promotions TOTAL	£5,477	£5,587	£5,698	£5,812	£5,929	£28,503	£74,358
Training Costs							
Delivery costs (incl Facilitator)	£487,094	£496,836	£506,773	£516,909	£527,247		
School Support costs	£276,020	£281,541	£287,171	£292,915	£298,773		
Translation Costs	£55,204	£56,308	£57,434	£58,583	£59,755		
Training materials/consumables	£27,061	£27,602	£28,154	£28,717	£29,291		
Training Costs Total	£845,380	£862,287	£879,533	£897,124	£915,066	£4,399,389	£8,358,365
TOTAL EXPENDITURE	£1,055,431	£1,076,540	£1,098,070	£1,120,032	£1,142,432	£5,492,505	£10,442,799

Data

Manager			
Salary	35,000	Initial Conference(s) to launch	10,000
Employment costs (@25%)	8750		
TOTAL	43,750	Delivery costs per annum to include employer costs	
		Costs	440,000 Average
Admin Support			
Salary	20,000		
Employment costs (@25%)	5000		
TOTAL	25,000		
Liaison Officer			
Salary	30,000		
Employment costs (@25%)	7500		
TOTAL	37,500		
Employment overheads	25%		
Cost inflation (incl salary)	2% per annum		

Note
Airbus contributes ~£350k pa to this work. As an estimate, it is considered that all other NE Wales contribute a total similar to this as would all NW employers. This gives an average of £350k per sub-region pa.

TOTAL REGIONAL COST v INCOME ESTIMATES

(for 3 Sub-regional STEM Hubs)

Financial Period		CAPITAL EXPENDITURE			OPERATIONAL EXPENDITURE			TOTALS			TARGET NUMBERS	
		Estimated Cap-Ex (2% inflation)	Growth Deal/WG/via NWEAB Ask	Private sector contrib.	Estimated OpEx (@2% inflation)	Growth Deal/WG/via NWEAB Ask	Private sector contrib.	Total Cost	Total Private Sector Contribution (incl. "In kind")	Total Growth Deal/WG/via NWEAB ask	Forecasted students interventions as part of regional STEMatic programme (based on 1 interaction per Year)	Cost per head per interaction
Start	End											
Ebr-20	Maw-21	£693,000	£693,000	£0	£2,794,500	£1,744,500	£1,050,000	£3,487,500	£1,050,000	£2,437,500	1000	£3,488
Ebr-21	Maw-22	£75,000	£75,000	£0	£2,925,165	£1,875,165	£1,050,000	£3,000,165	£1,050,000	£1,950,165	45000	£67
Ebr-22	Maw-23	£76,500	£76,500	£0	£2,983,668	£1,933,668	£1,050,000	£3,060,168	£1,050,000	£2,010,168	90000	£34
Ebr-23	Maw-24	£78,030	£78,030	£0	£3,043,342	£1,993,342	£1,050,000	£3,121,372	£1,050,000	£2,071,372	90000	£35
Ebr-24	Maw-25	£79,591	£79,591	£0	£3,104,208	£2,054,208	£1,050,000	£3,183,799	£1,050,000	£2,133,799	90000	£35
5 YEAR TOTAL		£1,002,121	£1,002,121	£0	£14,850,883	£9,600,883	£5,250,000	£15,853,004	£5,250,000	£10,603,004	316000	
											Average Cost per Head	£50
10 YEAR TOTAL		£1,081,711	£1,081,711	£0	£31,328,398	£20,828,398	£10,500,000	£32,410,109	£10,500,000	£21,910,109	766000	£42

Estimated number of school/college pupils in North Wales (STEM related courses for post-16)

90,000

Number of interventions if all pupils have 1 per year

90,000

Number of interventions if all hit target of 1 per term

270000

SUMMARY CAPITAL AND OPERATIONAL COSTS FOR THE THREE STEM HUBS

For a 5 Year and a 10 Year basis

Financial Year	Period	Hub 1		Hub 2		Hub 3		TOTAL		TOTAL
		Cap-Ex	Op-Ex	Cap-Ex	Op-Ex	Cap-Ex	Op-Ex	Cap-Ex	Op-Ex	
20-21	12 months	£231,000	£931,500	£231,000	£931,500	£231,000	£931,500	£693,000	£2,794,500	£3,487,500
21-22	12 months	£25,000	£975,055	£25,000	£975,055	£25,000	£975,055	£75,000	£2,925,165	£3,000,165
22-23	12 months	£25,500	£994,556	£25,500	£994,556	£25,500	£994,556	£76,500	£2,983,668	£3,060,168
23-24	12 months	£26,010	£1,014,447	£26,010	£1,014,447	£26,010	£1,014,447	£78,030	£3,043,342	£3,121,372
24-25	12 months	£26,530	£1,034,736	£26,530	£1,034,736	£26,530	£1,034,736	£79,591	£3,104,208	£3,183,799

Accumulative	5 Years	£334,040	£4,950,294	£334,040	£4,950,294	£334,040	£4,950,294	£1,002,121	£14,850,883	£15,853,004
---------------------	----------------	-----------------	-------------------	-----------------	-------------------	-----------------	-------------------	-------------------	--------------------	--------------------

Total Accumulative

£5,284,335

£5,284,335

£5,284,335

£15,853,004

£15,853,004

Accumulative	10 Years	£474,866	£10,442,799	£474,866	£10,442,799	£474,866	£10,442,799	£1,081,711	£31,328,398	£32,410,109
---------------------	-----------------	-----------------	--------------------	-----------------	--------------------	-----------------	--------------------	-------------------	--------------------	--------------------