



Semester Progress Report Monitoring Record

Partner Name: Birmingham City Council & Industrial Symbiosis Ltd
Partner Number: PP1, PP8
Semester Period: Semester 7

Regional Action Plan Progress Update:

Action Title & No.	Short Description of Action	Progress of Action for this Semester	Successes/Difficulties with implementation of Action	What dialogue with Stakeholders / Beneficiaries has occurred this semester	Next Steps	Reported via TRIS Website Yes / No
Action 1: Sustainable Urban Development (SUD)	Within the Greater Birmingham and Solihull Local Enterprise Partnership Region. Industrial Symbiosis Ltd and Birmingham City Council were influential in changing the regional policy and ultimately the national policy determining how ESIF funds are allocated in England.	The call in Greater Birmingham and Solihull (OC12R17S 0589) is now closed 30 th March 2018. Birmingham City Council were successful with the expression of interest and now several stakeholders are preparing a full bid which will be submitted in semester 8	None	Regular dialogue with Birmingham City Council on a monthly basis, as well as regular dialogue with GBSLEP to get buy in for the project.	Prepare full bid next semester	Yes this was reported but JS ask us to remove it.
Action 2: Alternative Raw Materials of Low Impact (ARLI)	The ARLI project is still delivering in the region. The University of Birmingham are delivering this project and this is the first project they have	The ARLI project has received funding in the region and it is still operational until March 2020. (April 2017-March 2020)	None	Request to the funder for an extension to the project timeframe made at the end of Semester 7	Await feedback following the application for additional funding	Already on web site

	delivered in the Industrial Symbiosis/innovation arena.	The ARLI project is now looking at an extension in funding and an application was made to the funders at the end of semester 7.				
Action 3: Birmingham and Solihull Industrial Symbiosis (BASIS)	The Birmingham and Solihull Industrial Symbiosis Project, or BASIS, aims to create a diverse network of businesses across the Local Enterprise Partnership (LEP), with the aim of supporting their transition to become more resource efficient and cost-effective businesses.	The BASIS project received funding from ESIF and is still delivering in region (April 2017-March 2020) The project has delivered 120 business assists, assisted 14 new enterprises in the region, and assisted 26 business to create a new product or service in the region.	None	Request to the funder for an extension to the project timeframe made at the end of Semester 7	Await feedback following the application for additional funding	Already on web site
Action 4: BCC Clean Air	Birmingham City Council are working with the Tyseley Energy Park to provide hydrogen fuels to reduce the emissions from public transport	Explored renewable energy from wood biomass plant to be used in the production of hydrogen and to understand the business models for commercial viability	In principle, the process to produce hydrogen is achievable. The difficulty initially is the price of renewable energy and hydrogen production given that the first tranche of hydrogen vehicles will be the purchase of 20 buses	Regular meetings and phone calls between stakeholders to relay this information. Stakeholders are the Tyseley Energy Park owners; Biomass plant owners Co-gen; ITM hydrogen producers; Bus manufacturer and Commercial Bus operators	<ul style="list-style-type: none"> • BCC to purchase 20 hydrogen buses • Procure bus operator to set demand for the renewable energy hydrogen fuel • Discussion with Transport for WM to extend the number of hydrogen public transport vehicles in order to lower the cost of fuel to ensure commercial viability 	No

Policy Learning Platform:

<p>During the reporting period, have you been requested to engage in any of the PLP services (e.g. expert helpdesk for policy advice, thematic workshops or webinars, good practice database, thematic publications)?</p>	<p>NO</p>
<p>Could you describe any specific benefits gained from using the PLP services (e.g. cooperation with new organisations or with new projects, identification of interesting content for your own project?)</p>	<p>The main benefit of the PLP service are the possibility to enlarge the good practice exchange with other Interreg projects and to keep contact with other organizations active on this field.</p>
<p>Do you have any specific suggestions related to the PLP services (e.g. topics to be covered, new services that could be offered)?</p>	<p>Further deepen the issue of circular economy business models.</p>

Result Indicators Update:

Result Indicator	Target	This semester update
<p>No of other policy instruments addressed by the project where measures inspired by the project will be implemented 100% of policy instruments addressed without structural funds link</p>	<p>1</p>	<p>DG Grow, none ESIF funding</p>

Estimated amount of Structural Funds (from Growth & Jobs and/or ETC) influenced by the project (in EUR)	<p>Yet to be determine, for SUDs.</p> <p>BASIS and ARLI funding is circa 3.5 million euros.</p>	<p>Further funding may be allocated following recent call issued by DCLG</p>
Estimated amount of other funds influenced (in EUR)		<p>DG Grow influenced by CWA 2 million euros</p> <p>SYMBI pilot action circa 50K euro, influenced by CWA</p>

Territorial Impact

<p>If possible, please describe the effect of the policy instrument change in the territory (e.g. beneficiaries concerned, results achieved in terms of increased competitiveness or cleaner environment).</p>	<p>The BASIS project received funding from ESIF and is still delivering in region.</p> <p>The project has delivered 120 business assists, assisted 14 new enterprises in the region, and assisted 26 business to create a new product or service in the region.</p>
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Self-defined Performance Indicators:

Policies	Self –defined performance indicators	Target	This semester update
1	8218 tons (0.1 %) reduction in special waste annual production, in addition to 493.068 tons (6%) target of reduction included in WMP (§ 11), defined for 2020 (compared to 2010 production).	8,218	Not yet, data will be available in April 2020
2	20% of SMEs benefiting from the instrument 3.4.2 that have increased their energy and resources savings	20	
3	Supporting the capacity of SMEs to grow in regional, national and international markets and to engage in innovation processes. Assisting businesses to grow. An extra 2% of SME will be assisted	2	120 business assists deliver by the BASIS project. ARLI number aren't available yet
4	Number of SMEs participating in IS info days related to the opening of OP calls (20 companies per year)	40	The project BASIS has delivered 120 business assists, assisted 14 new enterprises in the region, and assisted 26 business to create a new product or service in the region.

5	Resource efficiency and enhancing the competitiveness of small and medium-sized enterprises through the adoption of the Industrial Symbiosis approach, offering economic support to projects	€1,000,000 (869k already reported)	
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Other Output Indicators:

	Target	This semester update
Number of people with increased professional capacity due to their participation in interregional cooperation activities (completion of survey forms for events occurring during Semesters 1-6)	200	86
No. of appearances in media (e.g. press)	75	25

Any other comments: None