

Semester Progress Report Monitoring Record

Partner Name: Birmingham City Council & Industrial Symbiosis Ltd
Partner Number: PP1, PP8
Semester Period: Semester 9

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. The second call (OC12R2OS 1048) closed on 30 June	Delay in progressing applications and announcing results. The available funding on this call is Euros 10,766,000 Currently we are aware of submitted bids worth c€2,000,000 with industrial symbiosis content	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	NO
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 successfully completed its first three years and has received further funding (€3,850,000) and extended its reach within the region. The project	Difficulties in having face to face meetings with business since March 2020 due to Covid 19	Successful negotiation of the contract extension to June 2023	Further roll out of project across the region	YES

	delivered in the Industrial Symbiosis/innovation arena.	will now run until June 2023.				
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) Through industrial symbiosis the project has delivered 203 business assists, assisted 30 new enterprises in the region, and assisted 53 business to create a new product or service in the region up to end March 2020. Funding (including match) for 2020 to 2023 is €1,876,520	Difficulties in having face to face meetings with business since March 2020 due to Covid 19. However, the BASIS team have found innovative ways to continue delivery and are on track in meeting all targets up to and including Sept 2020	Successful negotiation of the contract extension to April 2023	Further roll out of project across the region + aligning BASIS to support regional companies through industrial symbiosis who are suppliers to the Commonwealth Games in 2022	YES
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	BCC has concluded several legal agreements to purchase 20 hydrogen buses from Bus manufacturer and procured a bus operator to operate the buses and overseen the agreement between bus operator and hydrogen fuel provider. The hydrogen provider has an agreement with the biomass producer to supply the renewable	Bringing all parties together to work and agree operational viability and agree to work towards commercial viability. Overcoming the issues with the cost of the hydrogen fuel due to the scale of economies at this present moment.	Regular weekly meetings between stakeholders to agree the successful outcome and development of a new renewable market. Stakeholders are the Tyseley Energy Park owners; Biomass plant owners Co-gen; ITM hydrogen producers; Bus manufacturer and Commercial Bus operators	Analysis and review of commercial and operational viability of hydrogen as a renewable fuel compared with current diesel fuelled buses. Determining air quality improvements and reduction in carbon emissions.	Yes

		<p>energy to produce the hydrogen fuel.</p> <p>Discussion held with Transport for WM to use the hydrogen public transport vehicles on the Sprint route, and this has been a catalyst for the operator and manufacturer to deploy a further 60 hydrogen buses.</p>				
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Policy Learning Platform:

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)?	YES
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?)	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.
Do you have any specific suggestions related to the PLP services (e.g. topics to	Further deepen the issue of circular economy business models.

be covered, new services that could be offered)?	
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Result Indicators Update:

Result Indicator	Target	This semester update
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	1	DG Grow, none ESIF funding
Estimated amount of Structural Funds (from Growth & Jobs and/or ETC) influenced by the project (in EUR)	Yet to be determine, for SUDs. BASIS and ARLI funding is circa €6.6 million.	Further funding may be allocated through SUDs. Anticipate this information by November 2020
Estimated amount of other funds influenced (in EUR)		DG Grow influenced by CWA 2 million euros SYMBI pilot action circa 50K euro, influenced by CWA

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 and ARLI projects both received additional funding from ESIF and are delivering in region.</p> <p>Through industrial symbiosis the project has delivered 203 business assists, assisted 30 new enterprises in the region, and assisted 53 business to create a new product or service in the region. The ARLI project has The ARLI (Alternative Raw Materials with Low Impact) programme, run by the University of Birmingham, aims to help SMEs develop innovative cost-effective products and processes, providing energy-efficiency gains and gaining added value from the use of raw and waste materials. The impact numbers have been requested from the programme.</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	
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	203 business assists deliver by the BASIS project. ARLI number tbc
4	Number of SMEs participating in IS info days related to the opening of OP calls (20 companies per year)	40	

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	
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Any other comments: None