

Semester Progress Report

Monitoring Record

Partner Name: Regione Emilia-Romagna, ART-ER

Partner Number: PP2 – PP3

Semester Period:

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 |
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| Action 1: Improving secondary raw materials and by-products market uptake in the plastic sector | Improve the secondary market for raw materials and by-products at regional level. Share the collected information with business association to show | The Emilia-Romagna Region held meetings with several stakeholders, to obtain their contribution to the definition of the tools subsequently approved by the Region, specifically the | Due to the Covid outbreak the pace of action on this topic has been delayed until June 2020 when the political mandate of the region has included it amongst the priorities for the | | Inclusion of the Plastic FreER Strategy in the new Waste Management Plan of the Emilia-Romagna Region. | Not yet. In this video (in Italian), the President of the Emilia-Romagna Region presents the regional law #plasticFreER. |

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| | the market opportunities for new business initiatives. | Strategy on disposable plastic, the Agreement for the selective collection of plastic bottles and the new by-products value chain from plastic waste. | regional government. | | | |
| Action 2: Regional Industrial Symbiosis/Circular Economy projects | ERDF funded research and innovation projects developing new solutions for industrial symbiosis and circular economy in Emilia-Romagna. | The implementation of the 5 research and innovation projects financed thanks to the influence of TRIS proceeded during 2020. | For some projects, difficulties have arisen in the field tests due to the restrictions during the lockdown period. | ART-ER has kept contact with the project coordinators to ensure monitoring of the activities, by developing a specific questionnaire aimed at assessing the contribution of the projects to TRIS objectives. | Results from the questionnaires will be shared with the IS Lab members and with the respondents. | News for project website sent including links to project presentations. |
| Action 3: Awareness raising on IS amongst regional stakeholders | The action aims at increasing the awareness of the business sector on the function of the Permanent Coordination Table of Byproducts. This will be realized by two meetings (one per year), | To date, there are 17 companies generating by-products, registered in the regional list (2 of which in this semester). The first meeting in cooperation with Regional Business | The implementation of the action in the year 2020 faced difficulties due to the Covid emergency situation and to the delay in starting the activities of the new regional government | | According to the new political agenda, the Regional Waste Plan 2021-2026 will give priority to reducing waste production. For this purpose, the planned measures will include the relaunch of regional coordination | No |

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| | <p>organized in cooperation with Regional Business Associations together with regional universities and research laboratories.</p> <p>Participants will gain knowledge about the value chains identified by the Byproducts Coordination Table and about the methodology to propose a new value chain. This will allow them to implement industrial symbiosis in practice taking advantage of the existing Regional Byproducts List or by presenting a new byproduct value chain to be discussed at the Coordination Table.</p> | <p>Associations was held on 17/12/2020 and dealt with the analysis of two new by-product chains: "poultry manure" for the production of fertilizers and "residues and scraps of plastic materials".</p> | | | <p>of by-products to increase the number of certifications</p> | |
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| <p>Action 4: Influencing National Policies on Industrial Symbiosis</p> | <p>Within the Italian Circular Economy Stakeholder Platform (ICESP), the Emilia-Romagna region is currently involving other Italian regional administrations in the attempt to influence national policies on "End of Waste".</p> <p>ART-ER coordinates SUN (Symbiosis Users Network) working group on policy instruments and participates in working group on good practices.</p> <p>Results from working groups will be shared in yearly meetings of the platform members and in open access reports.</p> | <p>RER and ART-ER participated to the ICESP initiative on the agrifood sector, contributing to a position paper which aims to analyze the turning points for a transition to a circular economy of the sector, and identify priorities for a national and regional EC agrifood strategy.</p> <p>ART-ER coordinates the "Policies" Working Group within the SUN Network, working on the mapping of Industrial Symbiosis actions within Italian regional policies, with a focus on S3, and presented the results of this activity at "Ecomondo" fair (7/11/2019).</p> | <p>Organizational difficulties within the networks related to the Covid-19 emergency. At national level however there has been a regulatory action which led to the possibility for the Regions to approve end of waste not covered by European or national regulations.</p> | <p>Contacts with the stakeholders of the ICESP community and SUN community.</p> <p>A virtual meeting of SUN coordinators was held in order to share a new timeplan of the activities.</p> | | |
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Policy Learning Platform:

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| <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>ART-ER analyzed the policy brief “Putting theory into Practice: Circular Economy Business Models in the EU”, which also mentions Emilia-Romagna good practice Food Crossing District, and searched the good practice database from the projects mentioned in the policy brief (SYMBI., RETRACE, CESME, BIOREGIO).</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>None</p> |

Result Indicators Update:

| Result Indicator | Target | This semester update |
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| 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 | |
| Estimated amount of Structural Funds (from Growth & Jobs and/or ETC) influenced by the project (in EUR) | 17,000,000 | <p>No variations compared to what last reported, copied hererinafter.</p> <p><i>In Emilia-Romagna, 3,51 M€ (total approved ERDF funds amount on Industrial Symbiosis / Circular Economy related projects. These projects were financed under the S3 priorities influenced by TRIS)</i></p> <p><i>On Axes 1 Research and Innovation of Emilia-Romagna ERDF ROP 2014-2020, 34,6 M€ were assigned to Action 1.2.2 "Strategic Strategic industrial research projects targeting S3 priority</i></p> |

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| | | <i>areas”, of these 3,51 M€ have been influenced by TRIS, corresponding to the 10,1%</i> |
| Estimated amount of other funds influenced (in EUR) | 4,320,000 | <p>No variations compared to what last reported, copied hererinafter.</p> <p><i>1,39 M€ (partner co-financing on approved Industrial Symbiosis / Circular Economy related projects. These projects were financed under the S3 priorities influenced by TRIS)</i></p> <p><i>The total cofinancing of the projects of Action 1.2.2 amounts to 15 M€, the cofinancing influenced by TRIS equals to 9,2%</i></p> |

Territorial Impact

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| <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 policy change fostered by TRIS in Emilia-Romagna allowed to launch concrete initiatives involving SMEs and companies in general supporting them in the transition to a more resource efficient productive system and to a circular economy. The policy change has led to the implementation of innovative projects in the regional territory which will promote IS development and that are currently ongoing. In total 44 beneficiaries are concerned, of which:</p> <ul style="list-style-type: none"> ● 22 research laboratories of the High Technology Network; ● 22 companies including both SME and large corporations. |
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Self-defined Performance Indicators:

| Policies | Self –defined performance indicators | Target | This semester update |
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| 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 | 38,223 tons 2019 data provided by the companies registered in the by-product list. The majority of waste reduction refers to the ceramic sector. |
| 2 | 20% of SMEs benefiting from the instrument 3.4.2 that have increased their energy and resources | 20 | |

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| | savings | | |
| 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 | |
| 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 | |

Any other comments:

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