



SmartPilots
Interreg Europe



European Union
European Regional
Development Fund

Regional Action Plan

Flanders

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Action 1: Training

1. The background *(please describe the lessons learnt from the project that constitute the basis for the development of this particular action)*

(1) BBEPP expansion financed with 'Investment for Growth' Programme

IMPACT (9.357.000€) 3.742.800€ ERDF

BIOWASTE FLOW (3.676,000€) 1.470.400€ ERDF

Awareness raising activities on gas fermentors' potential to reduce CO2 using micro-organisms that convert waste gases (CO2 and syngas)

(2) Recent changes in Flanders R&I policy framework:

BPEPP now recognised research partner of AIO R&I policy (Catalisti)

Coordinator interregional innovation partnership bio-economy (S3P)

2. Action *(please list and describe the actions to be implemented)*

(1) Training actions on IPR and open access strategies dedicated to IMPACT infrastructure and BIOWASTE FLOW

(2) discussion MoU SCREEN Lab: participation in stakeholder meeting (Circular economy)

(3) S3 Monitoring with other ERDF/interreg/NWE partners, for example FIT priority **'Sustainable materials, resources & chemistry'** in 'Vlaanderen versnelt' project

3. Players involved *(please indicate the organisations in the region who are involved in the development and implementation of the action and explain their role)*

- **BBEPP community (interested staff, researchers, cluster organisations, companies, ports)**

- **S3 Policy makers (EWI, PIO, AIO, FIT,...) : prioritising actions for future S3 investments**

- **Other interested ERDF funded RILs to exchange on B2B matching tools, best practices**

4. Timeframe

IMPACT Jan 2017 - Dec 2019

BIOWASTE FLOW Jan 2018 – Dec 2020

5. Costs *(if relevant)*

Training and expert costs

Action 1: Training

6. Funding sources *(if relevant)*

- Smart Pilot spending budget phase 2 (20 k€)
- ongoing ERDF/ interreg / NWE/H2020 funding
- Pilots4U
- S3P bio-economy budget (200k€)

7. Programme management related implications *(decision-making process, financing allocation plan, call preparation plan - terms of reference, timeframe)*

- Open innovation in future calls of Strategic ERDF priority axis 1
- Dedicated follow up of 'Support of transfer and dissemination of technologies aimed at knowledge valorization and commercialization' /clusters Call 109 – demonstration

8. Expected impact and results of the policy improvement

- Extended policy community to promote Flanders' biobased economy as RIS3 priority
- Alignment of ERDF policy with Flanders R&I policy to implement open access pilot plants and accelerate Industrial scale production at the higher TRLs
- Interregional Lab for Seal of Excellences in the field of Circular Economy

9. How will the implementation of this action be monitored

- Progress made based upon interreg action plans focussing on OP 'Investment and Growth'
- Progress on internationalisation activities in regional cluster pacts
- Open innovation effects of new infrastructure capacity

Action 2 : Programme indicators' analysis

1. **The background** *(please describe the lessons learnt from the project that constitute the basis for the development of this particular action)*

**Publication indicators rapport Circular Flanders
Overlapping areas of circular and bio-economy
Identification of bottlenecks, irrelevant indicators,... in OP programme**

2. **Action** *(please list and describe the actions to be implemented)*

Midterm Analysis and Monitoring of Regional Performance indicators of

- ERDF-Calls SO1.2. 'Support of transfer and dissemination of technologies aimed at knowledge valorization and commercialization' and Cluster policy

Aggregated indicator and qualitative analysis in the ERDF project areas of **circular bio-economy**

- **biobased case studies in policy driven research of transition domain 'Circular Economy'**

3. **Players involved** *(please indicate the organisations in the region who are involved in the development and implementation of the action and explain their role)*

- **EWI – AIO : relevant indicators' collection (SUMMA+) in interreg and H2020 action plans S34G, S3 strategies**

- **ERDF call beneficiaries deliver opinions and success stories**

- **Circular Flanders:**

- **delivery of circular / bio-economy business cases**

4. **Timeframe**

2018

5. **Costs** *(if relevant)*

tbd

Action 2: Programme indicators' analysis

6. Funding sources *(if relevant)*

Ongoing stakeholder budgets, e.g. Policy based research centre SUMMA+ of Circular Flanders
Project spending from Smart Pilots, Pilots4U, SCREEN Lab, S3P, CC2P

7. Programme management related implications *(decision-making process, financing allocation plan, call preparation plan - terms of reference, timeframe)*

More qualitative insight in bio-based use cases at the crossroads with circular economy
New user centric indicators for circular bio-economy

8. Expected impact and results of the policy improvement

Synergic approach of ERDF Investment priority for bio-economy

9. How will the implementation of this action be monitored

Based on the qualitative business' cases and analysis of Circular Flanders
Possibly with new indicators dedicated to bio-economy for post 2020

Action 3: Voucher and vanguard activities

1. **The background** *(please describe the lessons learnt from the project that constitute the basis for the development of this particular action)*

- Flanders is one of the founding members of the Vanguard initiative : 5 pilot actions, one in the area of bio-economy incl, advanced demo cases
- business plan for a high TRL investment in gas fermentation to be developed in S3P bio-economy

2. **Action** *(please list and describe the actions to be implemented)*

- Create a **One Stop Shop of voucher schemes** to facilitate access to R&I infrastructure, skills & competences
- Install **new voucher holders**: interested research infrastructure units and cluster organisations
- **Label ERDF-calls for pilot actions & demo cases** with Vanguard regions

3. **Players involved** *(please indicate the organisations in the region who are involved in the development and implementation of the action and explain their role)*

- **EWI/AIO: one-stop-shop for vouchers for SPF**
- **BBEPP: delivery of EU projects with voucher schemes**
- **New interested voucher holders that expressed interest**
- **Existing Voucher holders AIO (SME portfolio), VITO (PRODEM) inform on the voucher installation of modalities**

4. **Timeframe**

Ongoing

5. **Costs** *(if relevant)*

- **Eventual costs of website publication and links to digital application forms**
- **Costs for new voucher holders**

Action 3: Voucher and vanguard activities

6. Funding sources *(if relevant)*

Voucher budgets available in projects

7. Programme management related implications *(decision-making process, financing allocation plan, call preparation plan - terms of reference, timeframe)*

Coordination with other Vanguard regions to open local funding schemes (vouchers, collaborative) ERDF complementary funding for voucher holders (tbd)

8. Expected impact and results of the policy improvement

Better capacity use of infrastructure through better access to vouchers and follow up funding

9. How will the implementation of this action be monitored

Number of visits to one stop shop

Number of vouchers used for bio-economy

Number of new voucher holders

Number of Vanguard labelled calls

Our Regional Action Plan will be endorsed (signed) by:

- Head of EWI Administration and/or head of ERDF MA
- Cabinet official
- BBEPP authority
- NNN

Questions?

Remarks?

Suggestions?



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Thank you!

Questions welcome