



# Transition Regions Towards Industrial Symbiosis

## Regional Plan Comunitat Valenciana



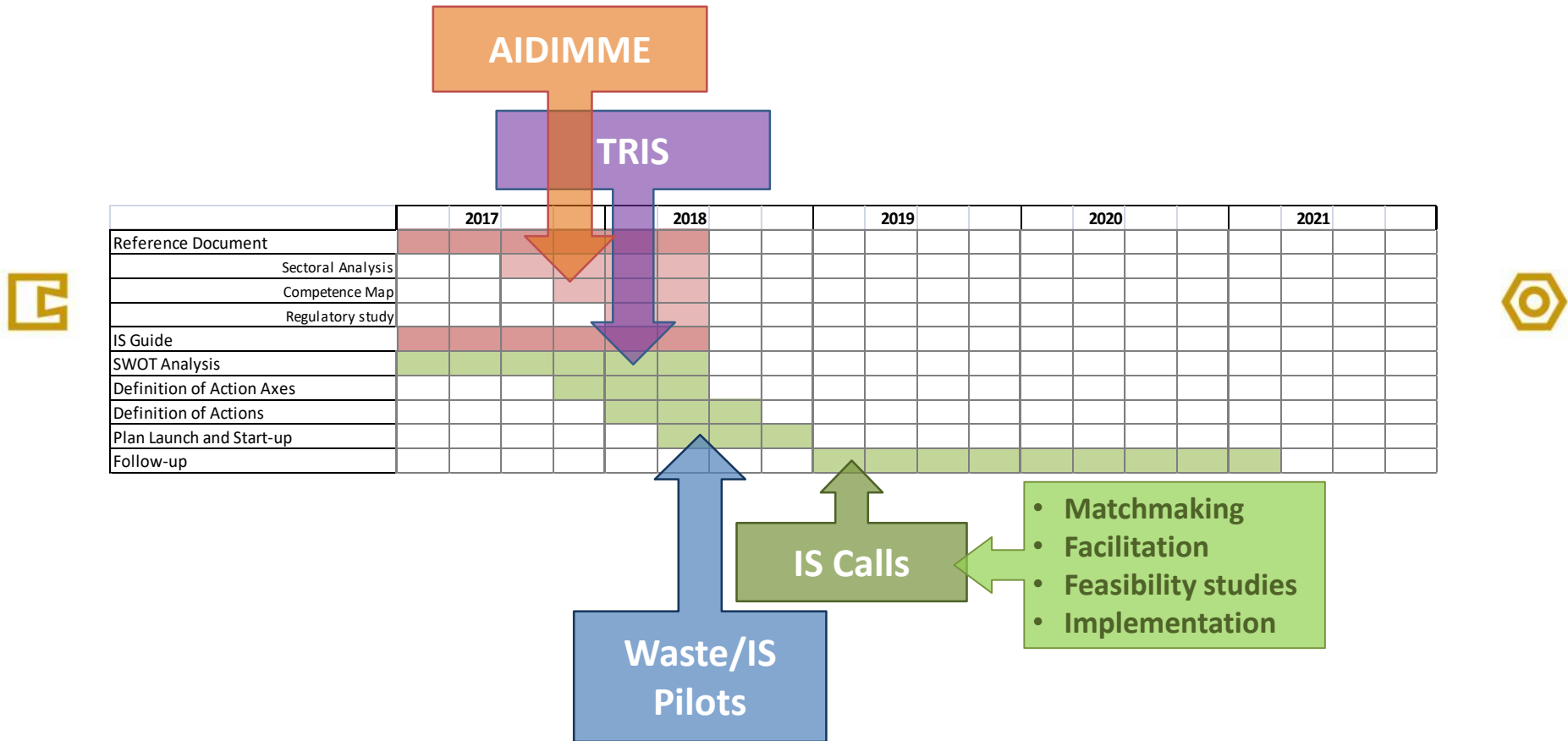
# Policy Instrument to be used in Valencia

---

ROP 20142020, PROGRAMA OPERATIVO DEL FONDO DE DESARROLLO REGIONAL DE LA COMUNIDAD VALENCIANA 20142020 (Priority Axis 3 To improve the competitiveness of SMEs; S.O. 3.4.2 Promoting innovation of SMEs and innovation cooperation in all areas, particularly ecoinnovation, social innovation and agriculture, fisheries, marine, maritime and tourism sectors)



# Initial Approach



# CV IS Action Plan: Main lines

Axis.	Action
<b>Visibility and presence of Industrial Symbiosis (IS).</b>	
a. Policy Instrument.	Creation of a Specialized Strategic Innovation Committee on EC
b. Administration.	Increase of the environmental/sustainability evaluation weight on all Regional Administration-related activities
c. Stakeholders and companies.	Integration of IS awareness, information exchange and matchmaking promotion into the action plans of the Industrial Associations in the region
<b>Instruments to promote IS actions</b>	
d. Methodologies and resources	INSYLAY PROJECT
e. Technical Feasibility.	Incentives for feasibility studies/preparatory actions related to Industrial Symbiosis
f. Implementation actions	R&D & Innovation projects regarding implementation of IS models





# CV IS Action Plan

---

## Action 1.1. Creation of a Specialized Strategic Innovation Committee on EC

**Work carried out:** AIDIMME participated/chaired the Specialized Innovation Committee on EC (Additionally participated on the Committee on Sustainable Building).

 **Results:** **SSIC** established since end of 2018, and proposing a catalogue of key topics, with IS identified as one. The topics are priorities for the different calls for projects from the AVI and other regional entities. Yearly review of the catalogue. 

**Indicators:** Number of companies submitting projects on the key topics: .  
Number of stakeholder entities in the SSIC: 10

# CV IS Action Plan

---

## Action 1.2 Increase of the environmental/sustainability evaluation weight on all Regional Administration-related activities

**Work carried out:** Dialogue with the Administrations (regional and local) for all funded Innovation, R&D and public procurement actions to have higher scores when sustainability/IS related. Entities contacted (IVACE, AVI, Regional Ministries of Environment, Economy, etc).

**Results:** Since end of 2018, all AVI and IVACE R&D and innovation calls include implicitly EC/IS criteria.  
Since end of 2019 all R&D and innovation IVACE calls include **explicitly** Industrial Symbiosis.  
**No progress on Public Procurement.**

**Indicators:** Since 2018 a total of **55M€** in public calls have included IS concepts and increased environmental evaluation weights.

# CV IS Action Plan

---

## Action 1.2 Increase of the environmental/sustainability evaluation weight on all Regional Administration-related activities (II)

### Last Calls

- Ayudas a centros tecnológicos CV para proyectos de I+D en el ámbito de la economía circular en cooperación con empresas 2019. (Circular Economy Call) (17/10/2019)
- Consolidació de la cadena de valor empresarial (Value Chain call) (26/12/2019)
- Projectes Estrategics Collaboratius. (Strategic Projects) (26/12/2019)
- PIDI-CV (R&D SME), (21/01/2020)
- PIDI-CV-COOP (R&D Cooperation), (21/01/2020)
- INNOVA-CV: Innovation (product and process) for SMEs. (21/01/2020)



# CV IS Action Plan

---

## Action 1.3 Integration of IS awareness, information exchange and matchmaking promotion into the action plans of the Industrial Associations in the region

**Work carried out:** Negotiation and lobbying with the main Regional Industrial Associations for them to define and implement a set of standard IS activities that may be coordinated within their yearly individual action plans.

**Results:** IS activities (matchmaking, workshops, diagnosis, project promotion) included in the Plans (18-19-20) of 5 Regional Associations and negotiations with other 5.

**Indicators:** 6000 companies as potential beneficiaries. 300 direct participant in IS-related actions during the last 2 years.



# CV IS Action Plan

---

## Action 2.1 INSYLAY PROJECT

**Work carried out:** Development of an Industrial Symbiosis based methodology and software application which aims at implementing cooperation models between industrial companies located in industrial areas. Third year of development.

**Results:** Software Platform to be ready in May 2020. Methodology ready and being applied in matchmaking workshops and own application projects.

**Indicators:** 510 K€ from Regional Programmes investment in INSYLAY.  
Universe of companies to be reached with the platform: 680 + 2500 + 2700.

# CV IS Action Plan

## Action 2.1 INSYLAY PROJECT

The screenshot displays the INSYLAY project website. On the left, there is a login form with the text "SIMBIOSIS INDUSTRIAL" and an "ENTRAR" button. The email field contains "admin@insylay.com". On the right, a large infographic titled "METODOLOGÍA INSYLAY" details the project's methodology. The central hub is "METODOLOGÍA INSYLAY". Five numbered steps are shown in colored arrows: 1. REGISTRO DE EMPRESA (CARACTERIZACIÓN DE LA EMPRESA), 2. IDENTIFICACIÓN DE ENTRADAS Y SALIDAS, 3. BÚSQUEDA AUTOMÁTICA DE SERVICIOS POTENCIALES A COMPARTIR, 4. BÚSQUEDA AUTOMÁTICA DE SINERGIAS CON OTRAS EMPRESAS REGISTRADAS, and 5. ANÁLISIS DE LA VIABILIDAD DE LAS POTENCIAS SINERGIAS. Surrounding the central hub are five circular nodes: ANÁLISIS DE LA VIABILIDAD DE LAS SINERGIAS, CREACIÓN DE VIVERO DE IDEAS, IDENTIFICACIÓN DE SINERGIAS/SERVICIOS, GESTIÓN CONJUNTA DE RECURSOS, and PLATAFORMA WEB. The background features a stylized industrial landscape with a factory, trees, and a road.

# CV IS Action Plan

---

## Action 2.2 Incentives for feasibility studies/preparatory actions related to Industrial Symbiosis.

**Work carried out:** Definition of the different mechanisms to be applied (cascade funding, umbrella project, “symbiosis vouchers”, with the Regional Funding Authorities.

**Results:** **No success.** No specific incentives for feasibility studies/preparatory actions related to Industrial Symbiosis. Budget for the mechanism has been reassigned to the Circular Economy Call (17/10/2019), which also deals with IS.

**Indicators:** **None.**



# CV IS Action Plan

---

## Action 2.3 R&D & Innovation projects regarding implementation of IS models

**Work carried out:** Promotion of the definition and submission of R&D and Innovation projects in the fields related to IS.  
Modification of current calls for proposals to cover most of the types and scopes of IS actions.

**Results:**

- Inclusion in the calls of IS-fostering elements (cooperative actions between companies, collective actions by industrial areas, value chain structuring, etc.)
- New specific call for EC/IS demonstration projects.
- Increase of projects submitted and awarded on IS related fields.

**Indicators:** See next page.

# CV IS Action Plan

## Action 2.3 R&D & Innovation projects regarding implementation of IS models

Nb of EC Related Projects Companies	2017	2018	2019
R&D	4	8	
Innovation	1	12	
Cooperation	2	2	
	<b>7</b>	<b>22</b>	
Projects Budget	2017	2018	2019
R&D	115.960,00	213.740,00	
Innovation	25.977,00	380.597,00	
Cooperation	<b>33.770,00</b>	<b>62.650,00</b>	
	<b>175.707,00</b>	<b>656.987,00</b>	

Circular Economy call	2017	2018	2019
Budget			
IS			<b>794.898,00</b>

Indicators currently being compiled



**TRIS**  
Interreg Europe



**Thank you.**