



European Union European Regional Development Fund

PMI e simbiosi industriale in Europa: buone pratiche da CESME e Since-AFC

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Rimini, 7th November 2019 | SUN Conference, Ecomondo



CESME Circular Economy for SMEs

www.interregeurope.eu/cesme



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CESME provides policymakers and SMEs with the knowledge and understanding of the potentials, challenges and barriers the circular economy holds in order to fully exploit the benefits of green growth.



Project Partners



n NORTH DENMARK REGION



ART-ER

TRACTIVENESS

ARVI-POHJANMAAN

RITYSPALVELU OY

Metropolitan City of Bologna

North Denmark Region

Development Agency of Eastern

Thessaloniki's Local Authorities, ANATOLIKI_ Leader Partner (GR)

ERVET SpA – Emilia Romagna Development Agency

Regional Council of South





JPYP Business Service

Ostrobothnia



JPYP,

ACEKOE

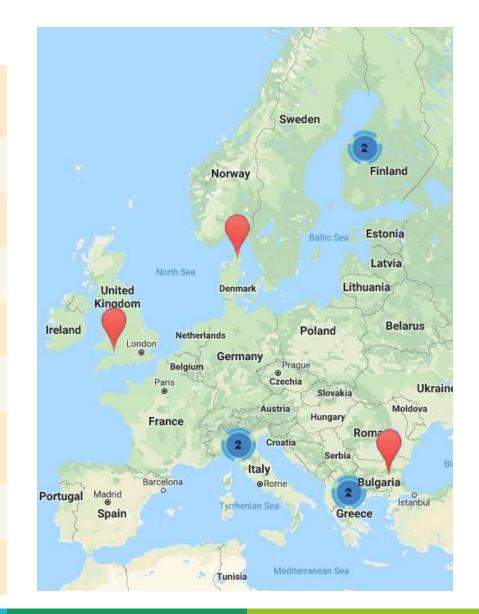
Llywodraeth Cymru Welsh Government



Bulgarian Association of Municipal Environmental Experts

Welsh Government

Region of Central Macedonia







Addressed SMEs inclusion in CE

Identified Good Practices

Created a Circular Economy Toolkit

Developed a WHITE BOOK

Industrial Symbiosis Database



Practices Good



commercial collaboration between SMEs exchanging residual products



SME: DANISH SMEs NETWORK -Denmark

Interreg Europe

https://groenomstilling.erhvervsstyrelsen.dk

Sustainable product design & use of natural resources







use of bio-plastics (from plants) that are renewable and compostable

SME: AMP RECYCLING – ILPA Group Italy

https://www.ilpa-amp.it/en/company.htm

Utilisation of Marine Transport Containers





Practices

Good

apartments from 12 marine transport containers



SME: PAM CONSULT – Bulgaria

http://pam-consult.eu

Reconstructed Chairs





first office chair in Europe to be 'Cradle to Cradle' accredited



SME: ORANGEBOX -United Kingdom

https://www.orangebox.com

Reclaimed asphalt mixture





Practices

Good

use of recovered asphalt mix in a new production



SME: KAISIDIS ABTE -Greece

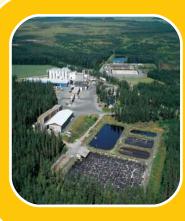
http://www.kaisidis.gr

Utilisation of potato starch





use of fruit juice (by-product of starch making process) as protein feed for animals



SME: LAPUAN PERUNA-Finland

http://www.tarkkelysperuna.fi

Practices Good

Project Meetings and Study Visits







CESME

Interreg Europe

Project meeting, November 2016, Bologna

International Conference, March 2018, Thessaloniki

LSG meeting, June 2017, Seinäjoki

> Study visit, October 2018, Sofia







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TARGETS	ACHIEVED
Amount of Structural Funds influenced by the project	1,357,000.00 EUR
Amount of other funds influenced by the project	12,000.00 EUR
Number of other regional policy instruments inspired by the project	3
Action Plans developed	6
Number of SMEs involved/influenced by the project	200
Pilot Action	1











Policy Instrument

Regional Strategy of South Ostrobothnia, Section 4.10.3

Main measure

Pilot Action: Test and further develop Green Profile Assessment & Investment Calculation Model Toolkit



Bulgaria

Policy Instrument National Development Programme 2020, Objective 3, Priority 7

Main measure

WEB-based platform for business to monitor, evaluate & exchange information





Region: Wales

Policy Instrument

Operational Programme for Wales, Specific Objective 2.4

Main measure

Academic network on CE to further support innovation in Welsh SMEs

Region: Central Macedonia

Policy Instrument Priority Axis 3, 'Improve Resource Efficiency of SMEs

Main measure

One-stop-shop: Promote the idea and good practices in the field of CE





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plans Action



Region: North Denmark

Policy Instrument

Regional Growth & Development Strategy, Specific Objectives 4.4.2 Green Growth

Main measure

Knowledge hub

Region: Emilia-Romagna

Policy Instrument Axis 3: Competitiveness & attractiveness of industrial system, Investment priority 3c

Main measures

Information campaigns - Database of Green SMEs



L'agenda metropolitana per lo sviluppo sostenibile-2019



https://www.cittametropolitana.bo.it/portale/agenda_sviluppo_sostenibile



Enchancing the Entrepreneurship of SMEs in Circular Economy of the Agri-Food Chain

