

ESPON



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# ESPON seminar

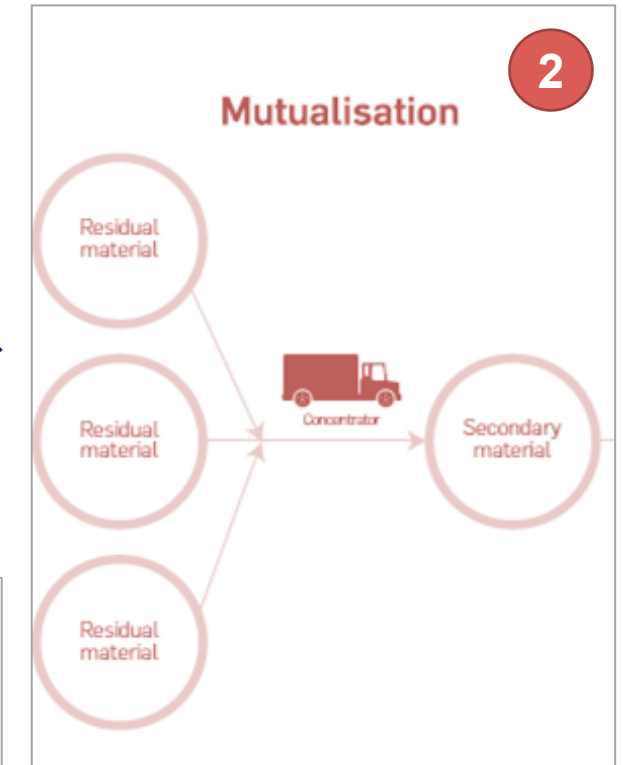
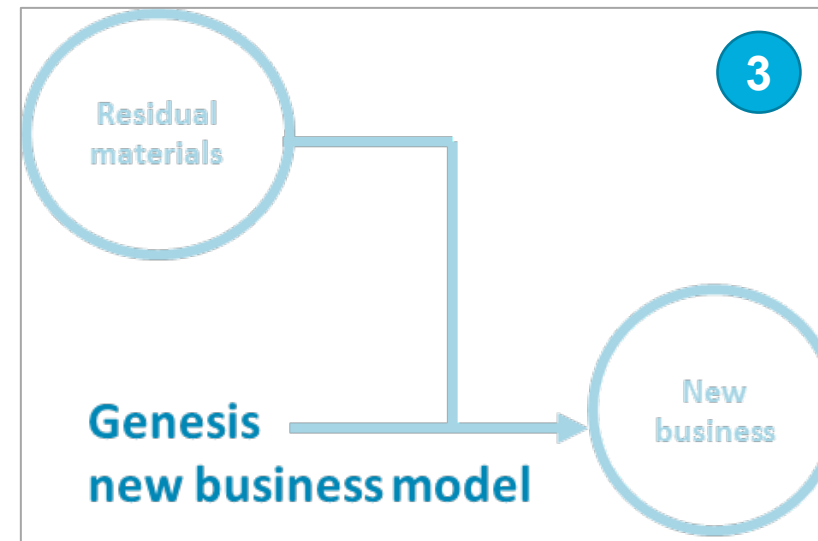
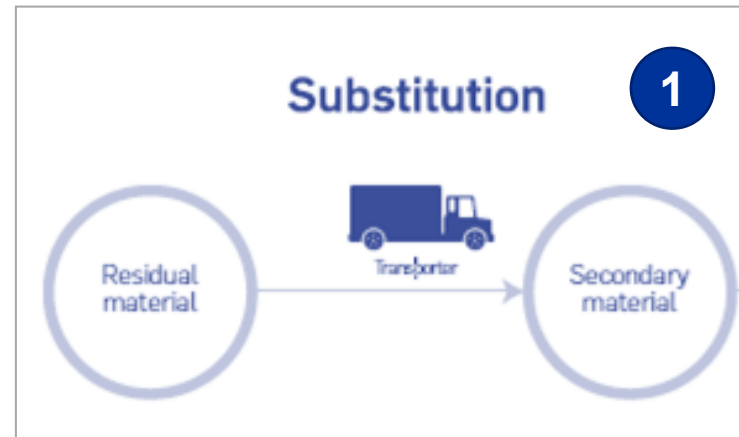
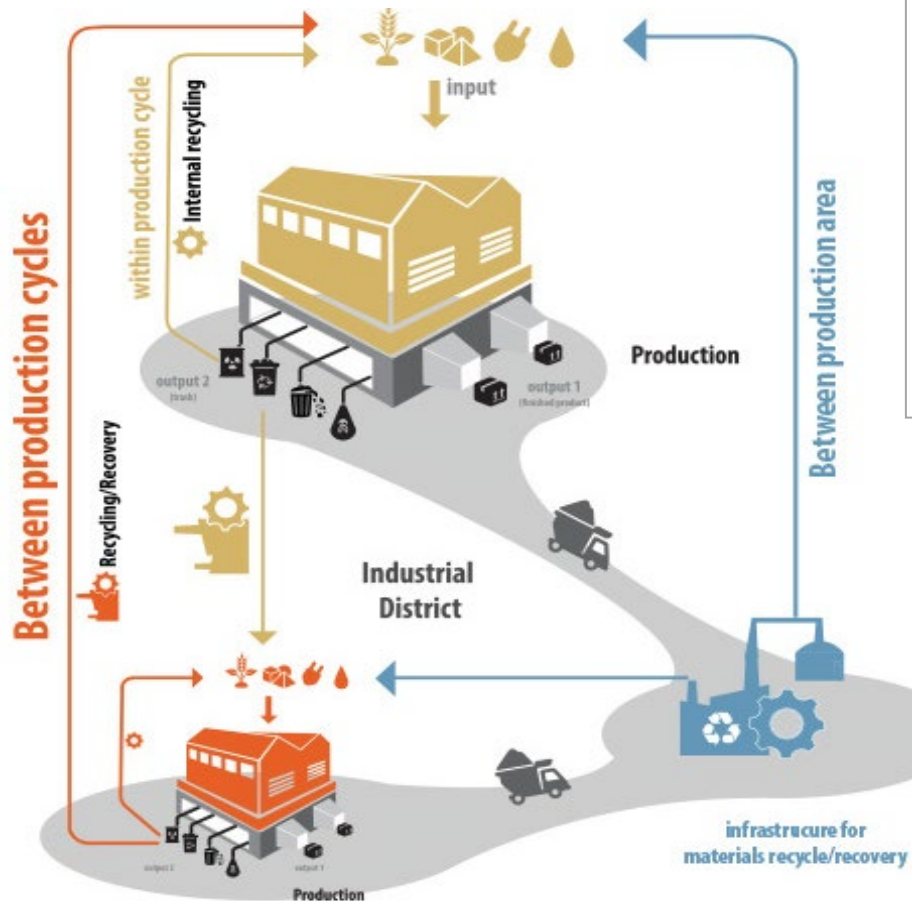
## Territorial perspective of green industrialisation

14-15 June 2023 in Luleå, Sweden

*“Setting-up industrial symbiosis in Sicily”*

Carlos Tapia, Senior Research Fellow  
Nordregio, Sweden

# Industrial Symbiosis



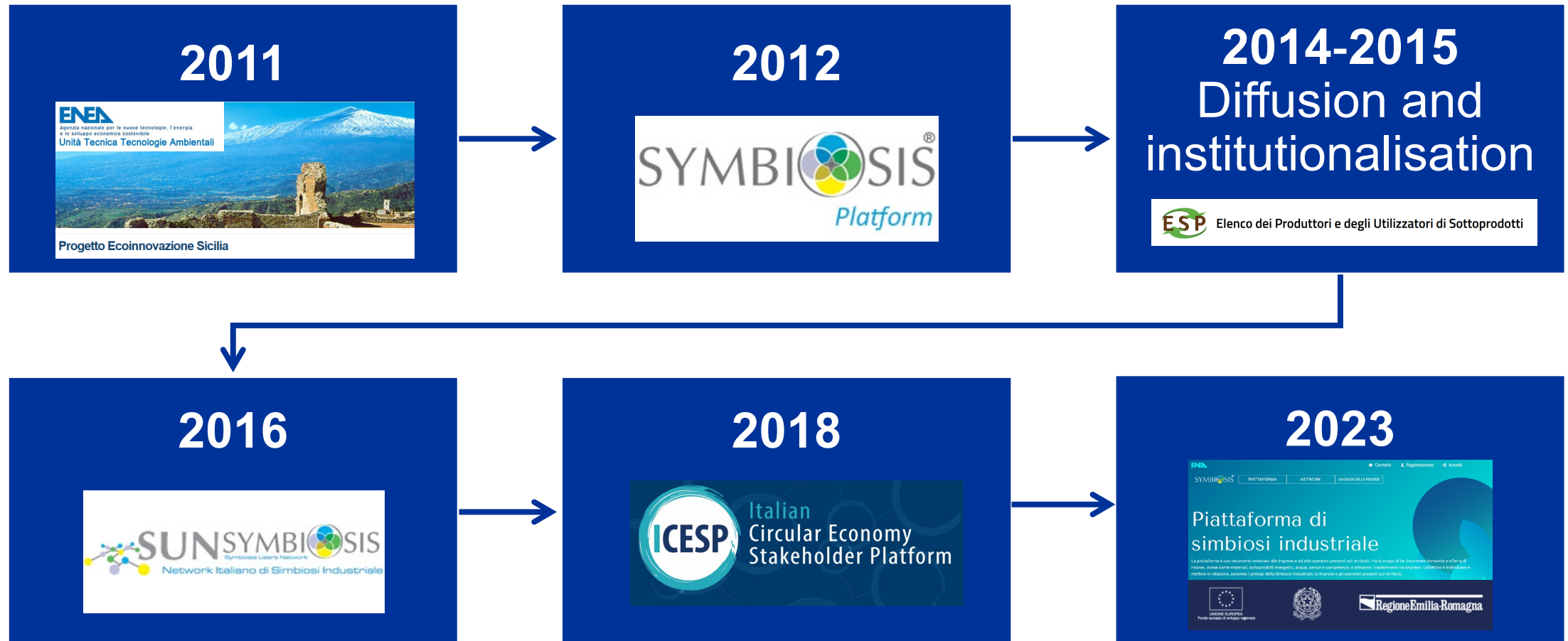


## Elenco dei Produttori e degli Utilizzatori di Sottoprodotti

Digital  
tools are  
essential  
for  
industrial  
symbiosis

Numero iscrizione	Denominazione		Indirizzo	Prov	Nr. sottopr.*	
PR000149	<a href="#">AGRUMI-GEL S.R.L.</a>	P	VIA PROV.LE CENTINEO-PORTOSALVO snc 98051 BARCELLONA POZZO DI GOTTO	ME	6	i
UT000627	<a href="#">CONSORZIO SIMBIOSI SOCIETA' COOPERATIVA AGRICOLA</a>	U	CONTRADA ARCIDIACONA SP 183 KM 3,00 95044 MINEO	CT	5	i
UT000150	<a href="#">AGRUMI-GEL S.R.L.</a>	U	VIA PROV.LE CENTINEO-PORTOSALVO snc 98051 BARCELLONA POZZO DI GOTTO	ME	3	i
UT000694	<a href="#">BIOCHEMICAL-AGRO S.R.L.</a>	U	CONTRADA CUTURA SNC 95047 PATERNO'	CT	2	i
PR000291	<a href="#">GAMBINO DAMIANO S.R.L.</a>	P	VIA AMARILLI 13 90100 PALERMO	PA	2	i
UT000290	<a href="#">GAMBINO DAMIANO S.R.L.</a>	U	VIA AMARILLI 13 90100 PALERMO	PA	2	i
PR000148	<a href="#">ORTOGEL S.P.A.</a>	P	ZONA INDUSTRIALE IND.LE CONTRADA BALCHINO S.N. 95041 CALTAGIRONE	CT	2	i

# A long story that started in 2011 in Sicily



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# Two digital platforms available today

SYMBIOSIS<sup>®</sup>  
Platform



275  
aziende



2672  
risorse



1946  
simbiosi

SUNSYMBIOSIS  
Symbiosis Users Network  
Network Italiano di Simbiosi Industriale



## Lessons learned

- Digital platforms are essential for:
  - Matchmaking
  - Stakeholder engagement
- Responsibilities, predictability and reliability are key
- Geographical conditions matter



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# Thank you!

*Presentations can be downloaded from the ESPON website after the event.*