RISERS WG Plenary

12 - 12 Nov 2025

Poll results



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- After today's Plenary event I leave:



What kind of sectoral stakeholder are you?



Pulic private partnership Researcher education

Standardization organisation

Consultant

Educator

/chair Science NGO Research

Producer Environmental

Academia

NSB Academic center Star RTO Academic Star Star RTO

concrete

precast

Standardization

Research center ESO Industry

public-private partnership

Urban mining

Consultant and support Government

Research consulting

What terminology do you most associate with Industrial Symbiosis?



Transactions/exchanges Regulation

ecosystems

Byproducts

Recycling

Unclear definition

Material flow

Transfer

Recovery

resource recovery

Collaboration

Valorisation

Resource efficiency

Sharing

Resource sharing Trust
Synergies circular economy

Shared value recycle

Streams sharing

Transparency less waste

Synergistic mindset

Residual streams

If "waste" could talk, what would it say about EoW rules?

0 2 4

(1/2)

- Need to concise and give possibility to be flexible for new solutions
- Give me a change
- I don't want to die
- Value value value
- I can't find my place
- I may get reused in this or another region
- Use me
- constraint
- waste it 😉
- Update the rules. I'm not waste!
- I Stiller valuable

- "Finally, I can live more"
- Too complicated
- There is always a use for me
- Why so little?
- Principal of origin
- Too complex
- Too limiting
- Complex
- We need more
- Too bulky and take long to be approved
- I am still useful!
- Fragmented
- Let me move across borders



If "waste" could talk, what would it say about EoW rules?

0 2 4

(2/2)

• Too complex

What systems are you aware of which could hold useful data for Industrial Symbiosis?



- Project-created platforms
- SCALER's database
- Waste reporting systems to Env regulators
- ISO59040
- COMPANIES INVOLVED IN PROJECTS FUNDED BY THE I3 PROGRAM
- LIAISE COST Action made an overview of ICT tools/systems (>20)
- Waste statistics
- DPP (CEN/TC 442 Essential characteristics (CE-marking)

- Register of waste of the regional government
- Corporate ERPs?
- H4C platform
- ISO 59040 Product Circularity Data
 Sheet
- erp,sap
- Storage facilities
- Aveva Pi
- International Synergies Database
- Academa works
- Geographic waste/resource maps (GIS)
- SYNERGie



What do you think are the key features of packages that limit IS in them?



Degrades in quality

Mix of materials

Additives

Very diverse cheap

Low cost

contamination

High diversity of layers/forms

composite Hazardous substances

Quality difference Easy to dispose

Diverse composition and properties



Which regulatory/standardisation initiative could create the most significant leverage on the valorisation of industrial waste heat?

Area management

Incentives Disconnect energy prices from gas price Sufficiency policies

3784 NF planning and permitting Incentive

Balanced contracts impact systems tersecital synergies Infrastructure

Urban planning

collaboration uncertainty of delevering high Joint governance

Commercial viability Rigidity heat pumps Refrigerating

Technology improvement

Facilitated co-operation

What happens to your old clothes?		0 1 9
1.	Landfill	1.79
2.	Resell	
3.	New Fiber (Fiber to Fiber)	1.68
		1.37
4.	Burn	1.16



Which TCs do you think we should consult first?



- 465
- 465
- Steel Slag
- CEN/TC 465 sustainable cities and communities
- 473
- JTC 10
- Packaging
- Biomass and bioproducts
- cen/tc 350/sc1 circularity
 construction products
- DGs as well
- Waste heat TC
- Urban planning
- Textiles

- CEN/TC 248 Textiles (WG 39)
- Iso tc 323 circular economy
- Circular economy
- Waste heat
- Circular Economy
- Textile
- CLC/TC 21X
- Cog CE
- Environment
- General Industrial Symbiosis
- Cen tc 473 circular economy
- Sustainability finance
- Packaging
- COG CE
- COG-ENV



In one or two words: what do you think is the 'missing link' for putting IS into practice?



Renewable source definition across directive Facilitators resources instead of waste Political involvement

Consistency in legislation

Legislation Success cases

Eu commission

Facilitation Facilitation

Information

Gpp

Showcase success cases

Awareness Legal incentive Collaboration

Regional capacities

Raising awareness Supportive EOW policy framework

Communication-awareness-sharing a "common language"

What do you think of when you hear "steel production" and "industrial symbiosis"?



High level of existing recycling

Heavy industries

Steel recycling

Energy

Homer Simpson

Potential

Recycled steel Steel Slags Energy production

Byproduct reuse

Heat waste resources VariedHeat recovery

Changing

Slags energy recovery CCU

Recycling critical raw materials recovery

Byproduct

Possibilities to co-operate and use side streams

I'm attending this Plenary to:

0 4 2

Get up-to-speed on the RISERS Roadmap

36 %

Network during the event lunch etc.

21 %

Enjoy a speaker line-up hotter than an Oscar's Afterparty.

19 %

Ask questions, share my experience

33 %

Get clarity on what Industrial Symbiosis really is!

43 %

After today's Plenary event I leave:

0 3 2

With better clarity on what IS is, in practice

34 %

Speaking fluent 'IS'!

6 %

Stuffed with event food

6 %

With more useful information than before I came

Inspired for my future work

72 %

75 %