

# UK Manufacturing Symbiosis NetworkPlus

## LAUNCH EVENT

Wednesday, 04<sup>th</sup> of December 2019

Banqueting Suite, Council House  
Victoria Square, Birmingham, B1 1BB



# Welcome!

# Housekeeping information

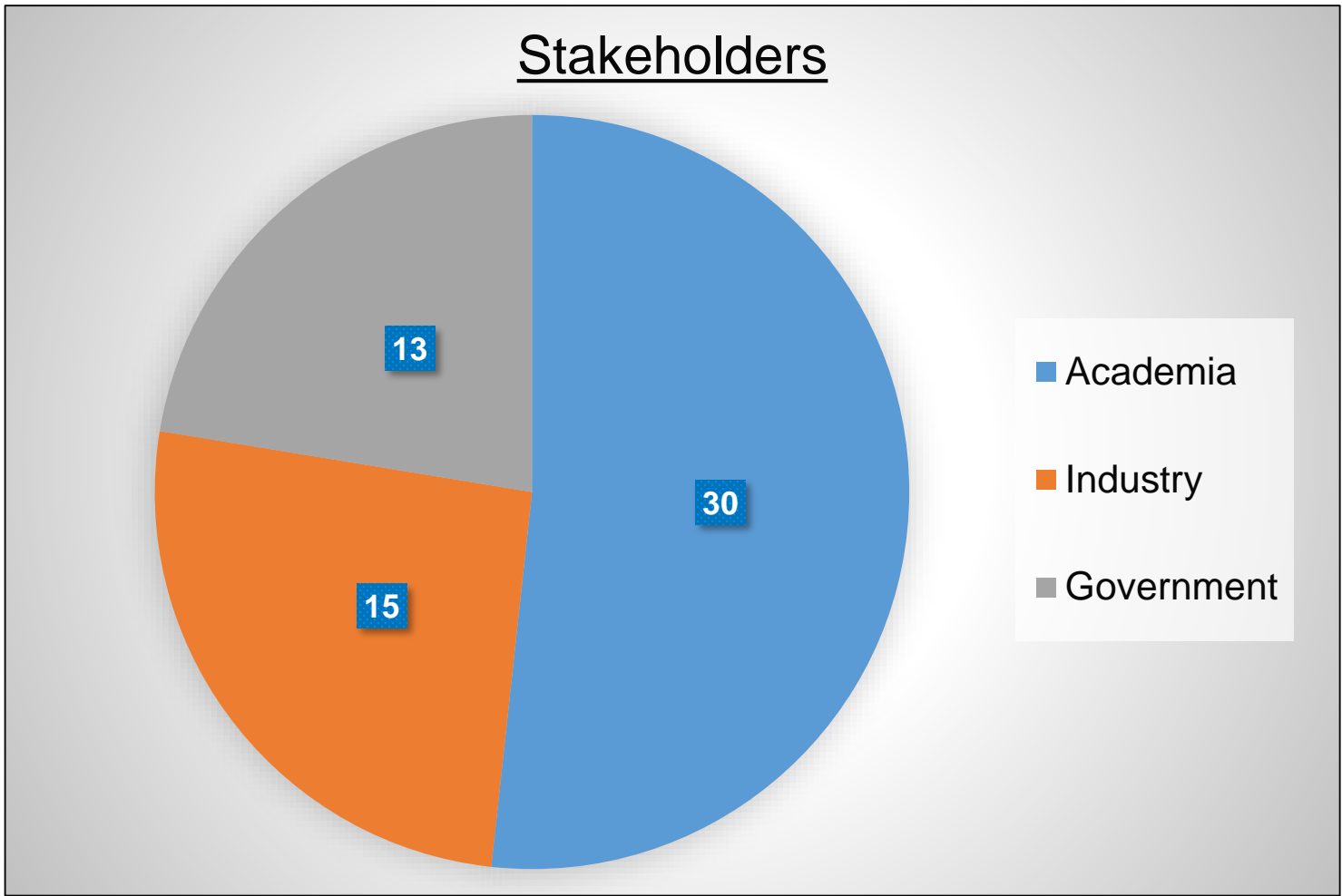
- Fire alarm
- Restrooms
- Catering area
- WiFi

# Programme



Cllr Brigid Jones

TIME	SESSION
09:00 – 10:00	Registration
10:00 – 10:10	Welcome note by <a href="#">Birmingham City Council Deputy Leader Councillor Brigid Jones</a>
10:10 – 10:30	National & Global Industrial Symbiosis Programmes <a href="#">Peter Laybourn, Chief Executive, International Synergies Ltd</a>
10:30 – 10:50	BASIS (Birmingham and Solihull Industrial Symbiosis) & TRIS (Transitioning Regions towards Industrial Symbiosis) projects <a href="#">Mark Reed, Senior European Funding Manager, Birmingham City Council</a>
10:50 – 11:10	Academic Research with Policy Impact <a href="#">Jonathan Shaw, Chief Executive, Policy Connect</a>
11:10 – 11:30	<i>Coffee break</i>
11:30 – 12:00	UKMSN+ Overview <a href="#">Luciano Batista, Aston University</a>
12:00 – 12:30	UKMSN+ scientific perspectives – <a href="#">Roger Maull, University of Exeter</a> – <a href="#">Mukesh Kumar, Cambridge University</a>
12:30 – 13:30	<i>Buffet lunch</i>
13:30 – 14:00	UKMSN+ scientific perspectives – <a href="#">Theoni Georgiou, Imperial College London</a> – <a href="#">Andrea Zisman, The Open University</a>
14:00 – 15:00	'Grand challenges' workshop <a href="#">Major industrial symbiosis challenges for a manufacturing shift to the circular economy</a>
15:00 – 15:15	UKRI funding opportunities <a href="#">Nicholas Cooper, Senior Portfolio Manager, UKRI EPSRC</a>
15:15 – 15:30	UKMSN+ Funding opportunities <a href="#">Luciano Batista, Aston University</a>
15:30 – 16:00	<i>Coffee and networking</i>



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Industry,  
government  
& policy



UKMSN



Your views

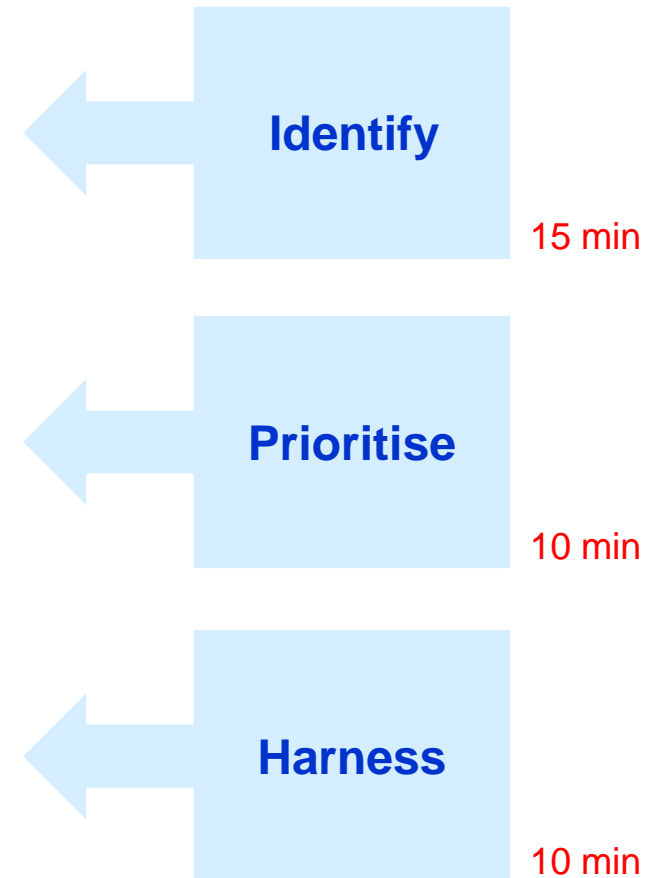


Funding

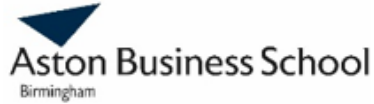
## Group activity

### Industrial symbiosis challenges...

1. In your view, what are the main difficulties companies have to engage in collaborations involving the exchange of **resources**?
2. From the above, what are the **priority issues** to be addressed by this network?
3. How can research derived from the network **benefit** your industry/sector?



**Groups present their views (3 min per group)**



## UK Manufacturing Symbiosis NetworkPlus Call for Sectoral-Specific Studies Invitation for horizon scanning research

Key Dates	
Application submission deadline	<b>14 February 2020</b>
Funding decision communicated	12 March 2020
Project start date	April 2020

- £80k allocated to fund short-term exploratory studies no longer than 8 months
- 4 horizon scanning studies on specific manufacturing sectors
- Expected outcomes:
  - ✓ Identify business, digital technology and/or materials challenges hindering the implementation of industrial synergy practices
  - ✓ Identify manufacturing synergies opportunities, gaps and potential solutions for the challenges in the light of circular economy practices

## Sectoral specific studies:

- Strategic importance of the sector for the UK economy should be justified.
- Studies should take into account existing and potential material exchanges in the sector considered.
  - ✓ Clearly specify the main products, by-products and waste flows in sectoral context being analysed.
- Implementation challenges for materials exchange should be related to circular economy practices associated with industrial symbiosis approaches.
- Clear (multi)disciplinary link with digital technologies, materials science and engineering, sustainable business models and related circular supply chains.



## Horizon scanning:

- We welcome studies that complement desk research with primary data collection initiative(s) such as focus groups, Delphi Study, survey, industrial clusters mapping, etc.
- Detect early signs of potentially important developments through a systematic examination of potential threats and opportunities.
- Emphasis on new technologies and their potential impact on the manufacturing industry.
- Offer critical explanation of the current and potential scenarios of industrial synergies in the sector considered.

## Key requisites:

- Projects can request up to £20k of funding (80% FEC).
- Projects are expected to last up to 8 months.
- They can involve more than one institution, including businesses.
- They should preferably, not necessarily, involve more than one of the core knowledge areas of the UKMSN.
- Funding is for academic research teams led by UK Universities.
- Funding can cover:
  - ✓ UK-based academic salary costs.
  - ✓ Stakeholder engagement events.
  - ✓ Travel & subsistence.
  - ✓ Dissemination costs.

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# Thank you!