

## **Workshop on Industrial Symbiosis -**

### **Corporate success through effective resource management**

**13 June 2018, Room Logos/Genius, Hall 9.1 at ACHEMA, Frankfurt am Main, Germany**

In Europe's process industry, the costs of raw materials and energy account for an average of 40% of total production costs - and they are rising twice as fast as personnel costs. Resource and energy efficiency are therefore key competencies for maintaining the competitiveness of European companies in the global market.

The EU-wide innovation network SPIRE has set itself the goal of substantially increasing resource and energy efficiency in the European process industry. New processes and technologies are developed and tested in numerous projects. One of these is the development of SHAREBOX, a web-based platform for the exchange of secondary raw materials and material and energy overhangs.

The international project consortium, consisting of software developers, research institutes, consulting companies and industry representatives, has broken new ground: Extensive databases are used to classify recyclable materials, and artificial intelligence processes support the matching of suitable partners and the negotiation process between them. The savings potential for the European Union through the use of SHAREBOX in the process industry is estimated to be at least 15 billion euros per year.

The workshop will show how Industrial Symbiosis can help companies to increase their resource efficiency without great effort for research and cross-checking. Furthermore the workshop will give a good overview on the results of four EU-funded projects working in the field of industrial symbiosis.

#### **Program**

##### **Morning: Presentations and advice for companies from the Frankfurt region**

- 10:30 Welcome notes
- 10:40 Industrial Symbiosis – An Overview
- 11:10 SHAREBOX – How SHAREBOX can help you to be more resource efficient
- 11:30 Discussion, individual advice in bilateral talks
- 12:30 Lunch

##### **Afternoon: Presentation for all interested ACHEMA visitors**

- 13:30 Industrial Symbiosis – An Overview
- 14:00 SHAREBOX – How SHAREBOX can help you to be more resource efficient
- 14:30 NEPIC – Industrial Symbiosis in the UK – a success story
- 15:00 Break
- 15:15 EPOS: development of a management toolbox and replicable business cases to enhance cross-sectorial industrial symbiosis
- 15:30 MAESTRI – Development of a flexible and scalable platform for managing resource efficiency improvement processes

- 15:45 FISSAC - Facilitating information exchange across the extended construction value chain
- 16:00 Panel discussion with all presenters
- 16:30 Wrap-up
- 16:45 End of workshop

If you have questions please contact:

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