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## **Supplementary Information**

## Safe and Sustainable Development of Advanced Materials: UK National Knowledge Sharing Network Workshops

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This supplementary information contains additional word clouds gathered during the interactive session during the first UK advanced materials workshop.



**ure S1**. Word cloud response to question - *What sector do you represent?* (53 responses). Note that limited preprocessing of responses was undertaken prior to generating word clouds to group similar terms and harmonise.



**Figure S2**. Word cloud response to question - *What are the benefits to commercialisation of advanced materials?* (84 responses). Note that limited preprocessing of responses was undertaken prior to generating word clouds to group similar terms and harmonise.



**Figure S3**. Word cloud response to question - *What are the barriers to commercialisation of advanced materials?* (122 responses). Note that limited preprocessing of responses was undertaken prior to generating word clouds to group similar terms and harmonise.

Re-use alternatives Carbon based only Green materials Responsive regulation Recyclability Education of students Sector specific workshop Data needs Data sharing SME's need Links to green deal Material specific Ecotoxicology Example sector focus Local government Funding calls Life cycle analysis tools Detail on developments Which industry is ahead Demonstrating SbD Responsive guidance White papers Alloys only Polymer only Developments in parallel Joint working Life cycle analysis Materials data Term development/Terminology Case scenarios or studies Energy materials Moving up Target Readiness Level Target Readiness Level specific
Exposure possibility Health and agent Health and safety priorities Workshop on UK proposal How to implement SSbD End of life UK innovation approach Data quality Skills for processing Hequ Investment and innovation How to educate customers Meeting on specific topic Manufacturing Hazard characterisation Global comparisons Toxicity tools More stakeholders Support for SMEs Routes to market Biomaterials

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**igure S4**. Word cloud response to question - What would you find useful as a follow up topic for a future meeting related to safe development of Advanced Materials? (58 responses). Note that limited preprocessing of responses was undertaken prior to generating word clouds to group similar terms and harmonise.

Verification centre

Public-private partnership
Face to face when allowed Greater participation BSI
Link groups discussing it collate in a central hub
Focused training sessions Data infrastructure

Wiki

Ore) Workshops

Case studies or scenarios

Online networking (events)

HSE-UKHSA-NPL safety centre

Expert network Regulators SME academics
Blog Engage with more sectors
Government/DEFRA support

Open innovation platforms
Hub Email/newsletter

Shared databases

**Figure S5**. Word cloud response to question – *How can we more effectively exchange information about this subject?* (33 responses). Note that limited preprocessing of responses was undertaken prior to generating word clouds to group similar terms and harmonise.