



KUDOS - Sharing Collective Process Insight

Challenge

Right across the process industries, from ceramics to fine chemicals and pharmaceuticals, manufacturers use similar unit operations and strive to optimise their performance. At the same time, collaborative research projects often struggle to disseminate their fresh insights about process technologies widely and in ways that will endure.

Approach

Britest has developed an approach to collating process understanding, generated through projects, in a form that allows process sector companies to learn about different process operations and challenges.

Britest *Knowledge and Understanding Domains* (KUDOS) are web-based resources which provide an effective mechanism to take the process knowledge, which our partners are willing to share, to curate it with related information from elsewhere, and make it available to those who benefit from our services. Examples of topics covered include liquid mixing, hydrogenation, spray drying, and blending.

Several projects and industry experience can be used to contribute to the same topic, highlighting that knowledge and understanding is developed through *both* research *and* real-life manufacturing operations. Crucially, information is organised from a technology or challenge (e.g. batch to continuous) view, rather than just having information in 'project boxes'.

Benefits

- Effective signposting to relevant resources and expertise
- Enhanced corporate and collective memory - avoiding repeated work and helping training of new colleagues etc.
- Access to a broader pool of knowledge about relevant process and unit operations
- Greater visibility for research results and profile for researchers in a collaborative community

Key Features:

Collaborators

Britest member companies and collaborative research partners

Industry - Application Area

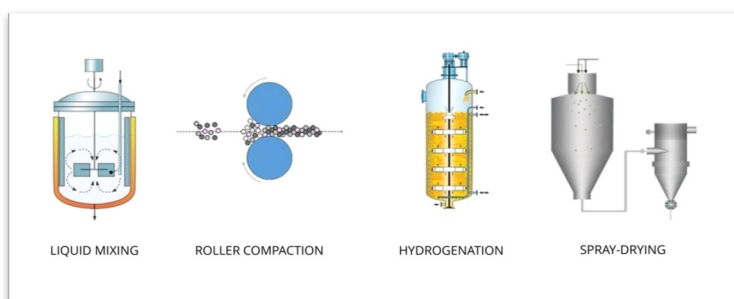
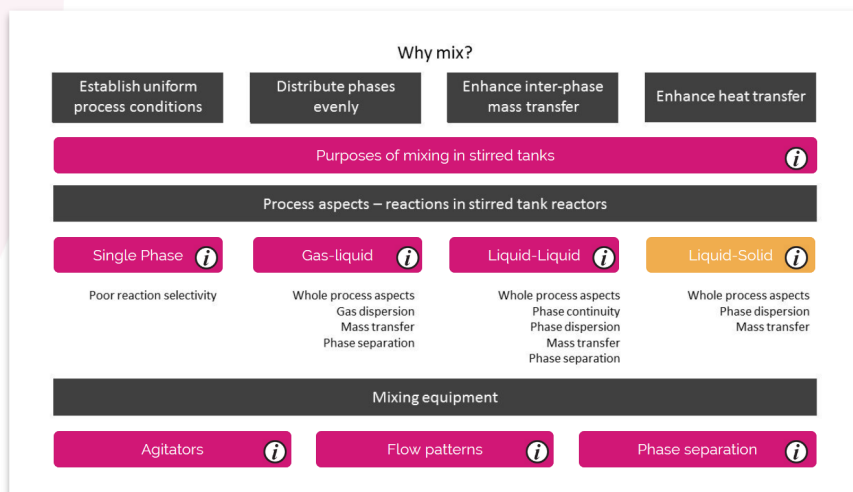
All process industries, fine and speciality chemical and pharma manufacture – understanding common process/unit operations, e.g. hydrogenation, liquid mixing, drying, blending etc.

Challenge

Businesses across the process industries face similar process / chemistry challenges to one another but lack a route to benefit from mutual exchange of non-competitively sensitive insight, and can miss out on collaboratively generated advances in knowledge.

Outcomes

Britest Knowledge and Understanding Domains provide a mechanism to curate and share collective real-world process insight.



KUDOS - An expanding set of resources for process understanding

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Generating value from process understanding