Fostering innovation through Safe & Sustainable by Design framework

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SSbD framework

Stage 1: guiding (re)design principles

- Principles to be considered to maximise the possibilities of a successful safety and sustainability assessment outcome

Stage 2: safety and sustainability assessment

- Step 1 - Hazard assessment of the chemical/material
- Step 2 - Human health and safety aspects in the chemical/material production and processing phase
- Step 3 - Human health and environmental aspects in the final application phase
- Step 4 - Environmental sustainability assessment

- The steps can be performed in parallel, as information becomes available at various life cycle stages
- The SSbD framework can help with decision taking during the various stages of the innovation process (design, planning, experimental testing and prototyping).
MAKING CHEMICALS AND MATERIALS SAFE AND SUSTAINABLE TO PROTECT HUMAN HEALTH AND THE ENVIRONMENT.

Join us in testing the **framework** and using the safety and sustainability assessment for your R&I activities on chemicals and materials.

This framework can:
- steer **innovation**
- become a global **reference**
- accelerate the development of **alternatives** to substances of concern.
Thank you!