

# Design for sustainability (DfS) scorecard



With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.

## mPredict™ Co-Crystal Prediction Service



AI-based, high-quality, mPredict™ Co-Crystal Prediction tool reduces experimental effort and chemical use

### Impact areas

### Results



#### MATERIALS

Our co-former prediction software enables fast, *in silico* screening of API co-former combinations that saves valuable API material and eliminates waste from thousands of equivalent high-throughput chemical screening experiments; our confirmational experiments use green chemistry techniques such as solvent-assisted solid synthesis minimizing waste



#### SUPPLIERS & MANUFACTURING

No change compared to baseline product in consideration of our DfS criteria



#### PACKAGING

No change compared to baseline product in consideration of our DfS criteria



#### ENERGY & EMISSIONS

No change compared to baseline product in consideration of our DfS criteria



#### WATER

No change compared to baseline product in consideration of our DfS criteria



#### USABILITY & INNOVATION

Our best-in-class prediction software enables early-stage screening and project trajectory alignment by identify 3 times more viable hits than random digital testing, even for complex APIs, thereby saving time and resources and enabling even programs with limited budgets to explore co-former possibilities



#### CIRCULAR ECONOMY

No change compared to baseline product in consideration of our DfS criteria

Baseline product: chemical experiments to identify and confirm API co-former hits