

Abbreviations used in the articles on our website

Abbreviation	Description
2G	Second generation (lignocellulose-based)
AI	Artificial Intelligence
ATEX	Atmosphère explosible
B2B	Business-to-Business
BBI JU	Bio-based Industries Joint Undertaking
BD	Business development
BOO	Build own operate
CAPEX	Capital Expenditures (e.g. investment to build a production plant)
CI	Contract Initiation
CRO / CDMO / CMO	C ontract R esearch / D evelopment and / M anufacturing O rganisation (differentiation by type of service, CDMO in industrial biotech are not as empowered as within pharma business)
DD	Due Dilligence
DoE	Department of Energy
DSP	Downstream processing (cell removal, product recovery, purification, conversion)
EU	European Union
IP	Intellectual property
PPP	Public private partnership
USP	USP Upstream processing (typically media preparation, propagation, (precision) fermentation)
US	United States
R&D	Research & Development
TEA	Techno-Economic Analysis

Abbreviation	Description
TRL	Technology Readiness Level (9 levels starting from 1=idea to 9=commercial production)
TT	Technology Transfer
VC	Venture Capital

Date of last revision: September 9th 2021