

## IPCEIs – Biotechnology – Scope Refinement Doc. March 2026

Criteria to refine scope, which should ideally be covered in each IPCEI scope document:

Criterion	Explanation	Specific for Biobased chemicals	Specific for Biobased materials
Workstream or technology fields			
	Illustrative outputs of IPCEI projects (ingredients, intermediates and products)		
	Core process platforms:		
	Enabling technologies:		
	System and process engineering aspects:		
Addressed Problems	What is the problem/challe		

	<p>Which projects should aim to solve/overcome?</p>		
<b>Value Chain Steps</b>	<p>Which steps in the value chain are targeted?</p>		
	<p><b>Feedstock supply and pretreatment (upstream)</b></p>		
	<p><b>Conversion / core bioprocess (midstream)</b></p>		
	<p><b>Downstream processing and product formulation (downstream)</b></p>		
	<p><b>System integration and deployment</b></p>		
<b>Feedstocks</b>	<p>What kind of feedstock is</p>		

	used for the projects?		
	<b>Biomass</b>		
	<b>Waste and side streams</b>		
	<b>Gaseous and inorganic carbon sources</b>		
	<b>Algae and aquatic biomass</b>		
<b>Sidestreams</b>	Which sidestreams can be used (if any)?		
<b>Applications</b>	Name potential sectors for production and use		
<b>Eligible</b>			
<b>Maturity level</b>	What maturity levels are eligible in IPCEI?		
<b>Approx. duration of projects</b>	How long should the projects take (on average)?		
<b>Not-eligible</b>			

