



Online Workshop | Advancing nutrient recovery and bio-based fertilisers: Overview and selection of value chains

Long list screening methodology

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09/09/2025



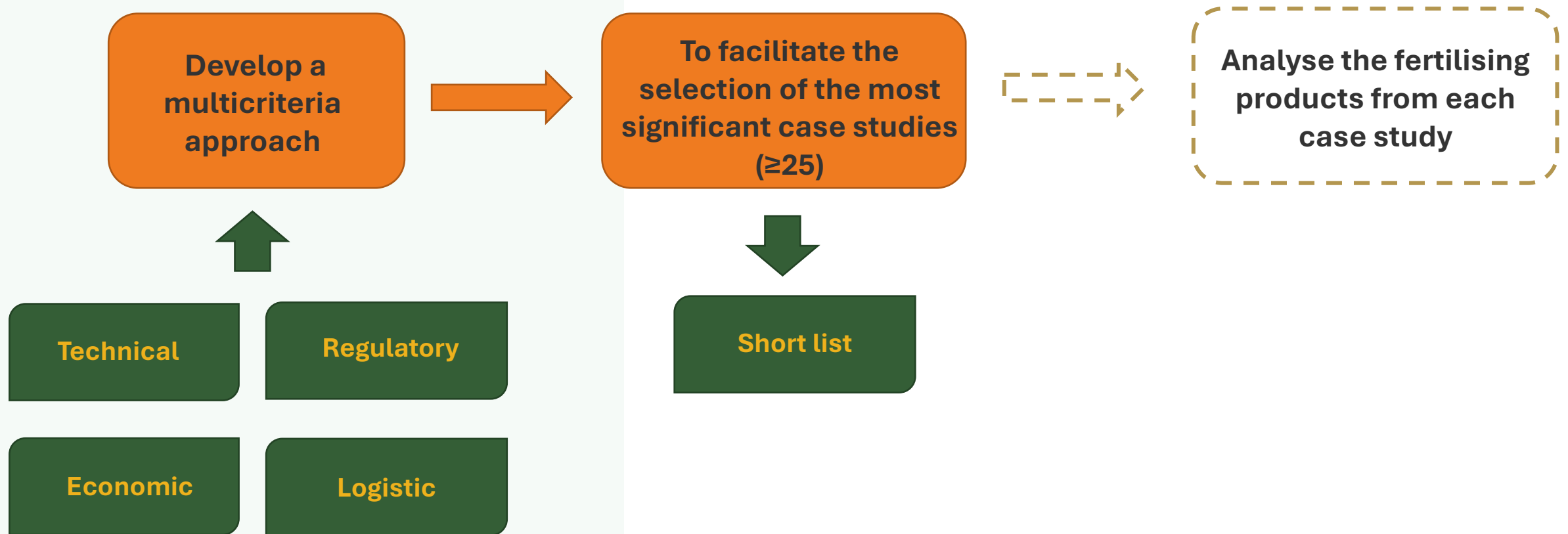
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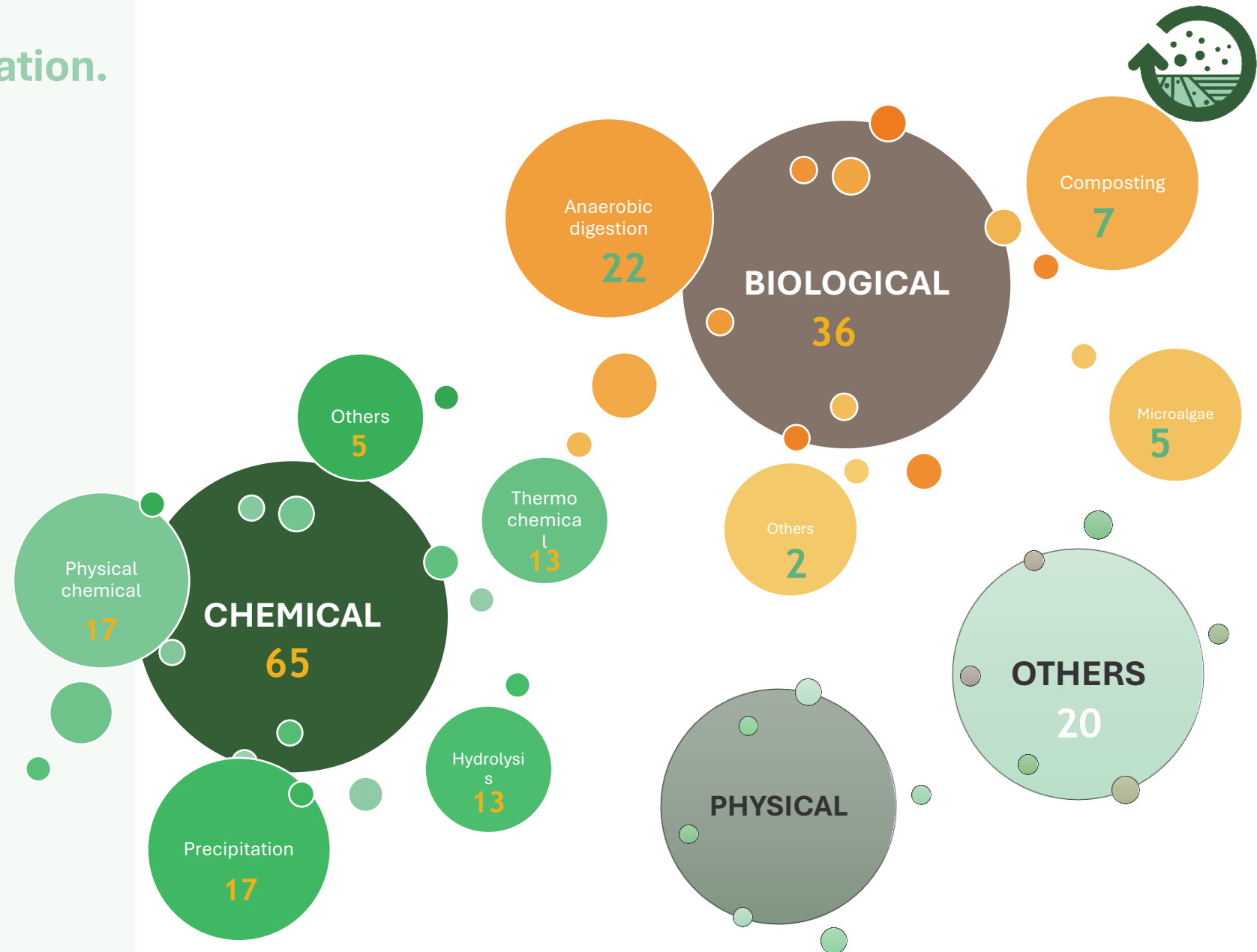
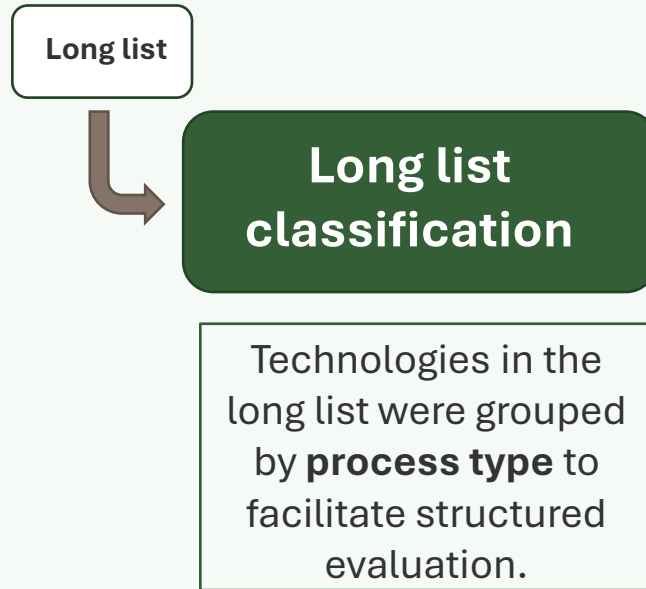
From Mapping to Prioritisation.

Objective and expected results



From Mapping to Prioritisation.

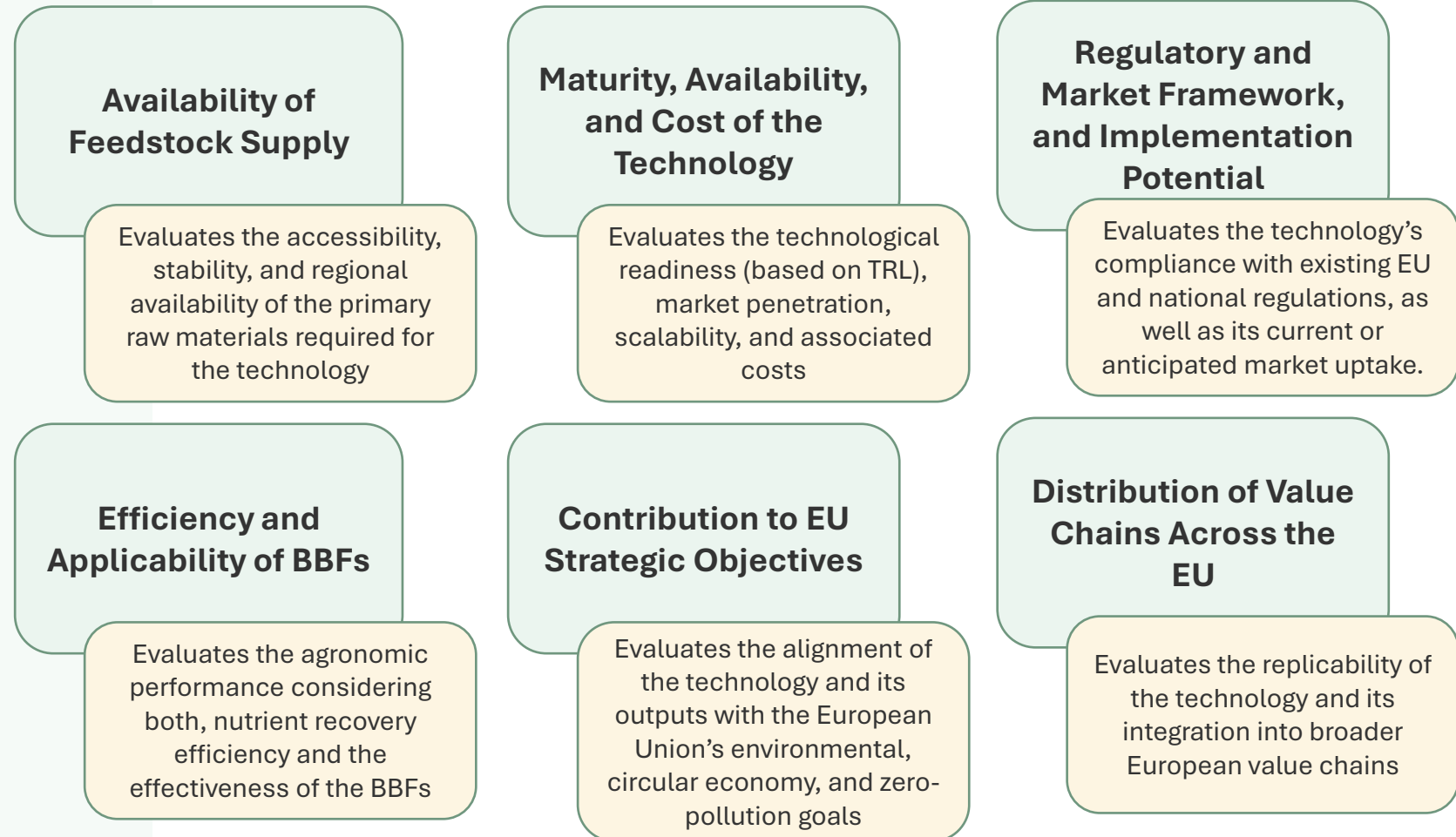
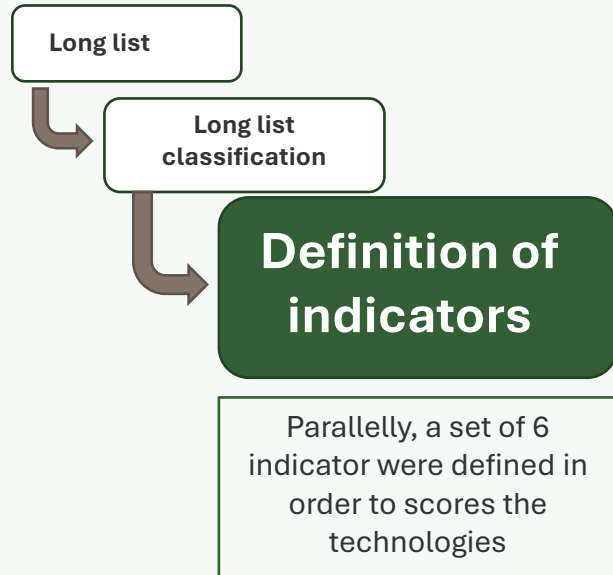
Step 1. Long list classification



From Mapping to Prioritisation.



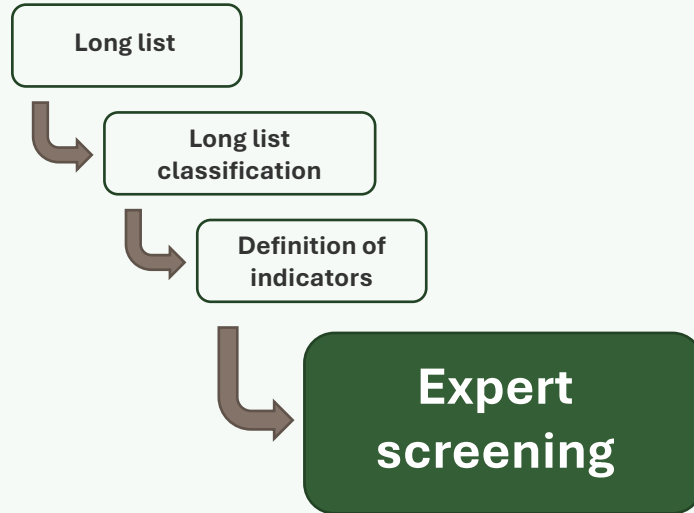
Step 2. Definition of indicators



From Mapping to Prioritisation.



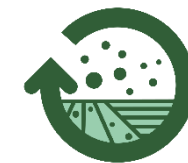
Step 3. Expert screening



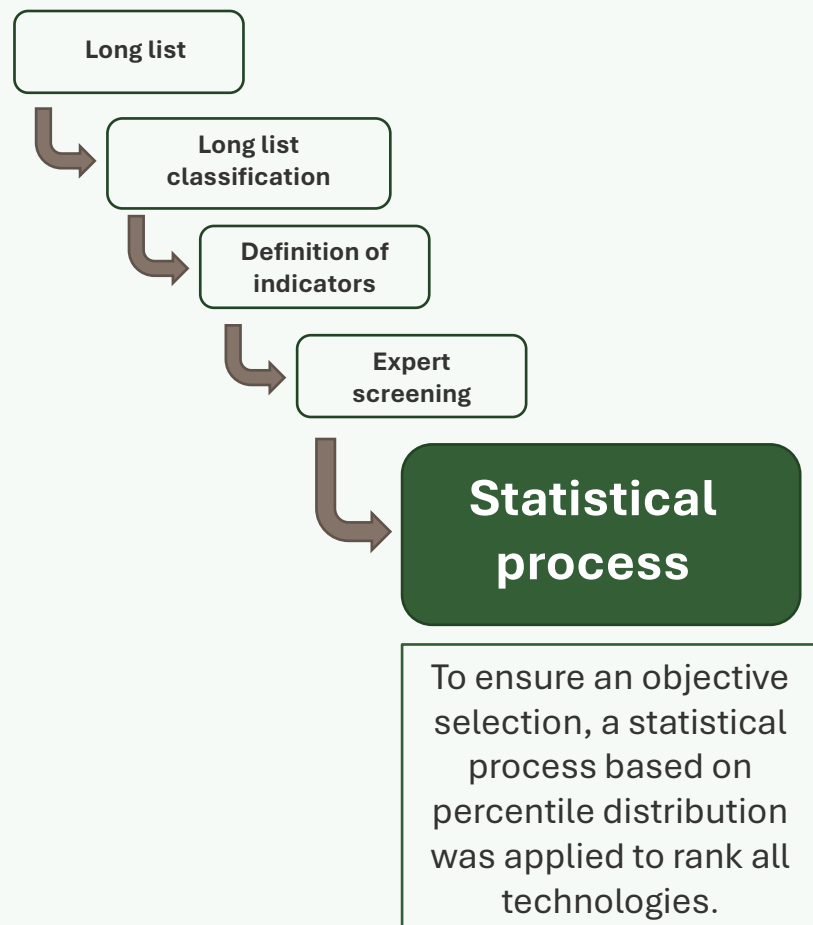
FERTICOVERY experts evaluated each technology using the defined indicators, scoring from 1 to 5.

Each technology was assessed by at least two experts, and discrepancy rules were applied to ensure consistency

From Mapping to Prioritisation.



Step 4. Statistical process

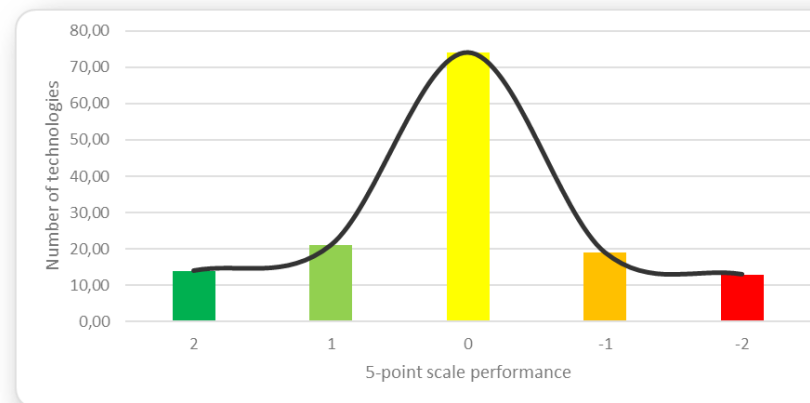
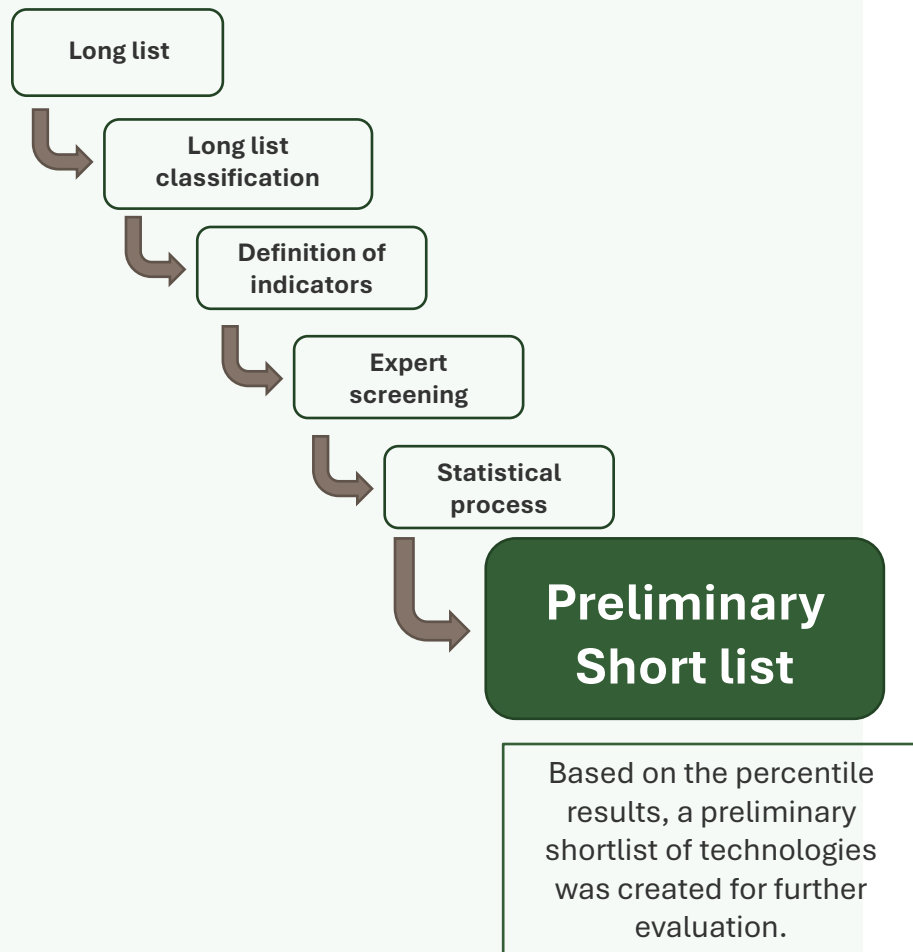


Based on percentile distribution, four percentile has been considered for normalisation

Percentile	Percentile value	Tech score range	5 point scale score	Description
P1	0.9	Score ≥ 4.40	2	High performance. The technology demonstrates excellent performance across relevant parameters.
P2	0.75	$4.40 > \text{Score} \leq 4.02$	1	Good performance. The technology performs well in most aspects, showing good alignment with the indicators.
P3		$4.02 > \text{Score} \leq 2.83$	0	Moderate performance. The technology shows acceptable performance, with some limitations or uncertainties.
P4	0.25	$2.83 > \text{Score} \leq 2.50$	-1	Limited advantage. The technology remains promising, but in the current evaluation context, it shows relatively lower competitiveness or broader applicability than other options
P5	0.1	Score < 2.50	-2	Lower priority. The technology is developed and viable, but presents a narrower scope or less strategic fit in this phase.

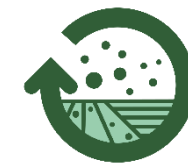
From Mapping to Prioritisation.

Step 5. Preliminary short list



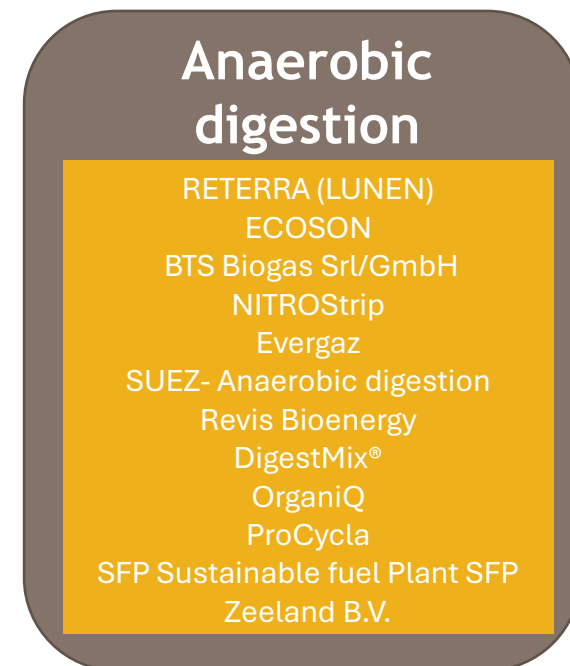
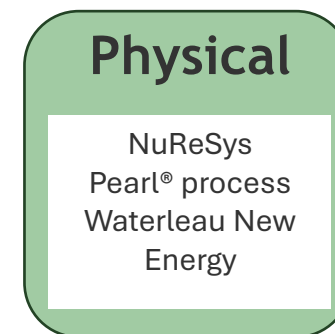
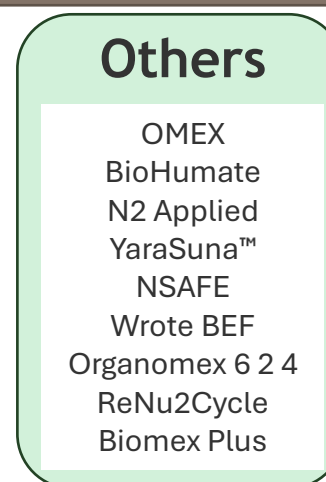
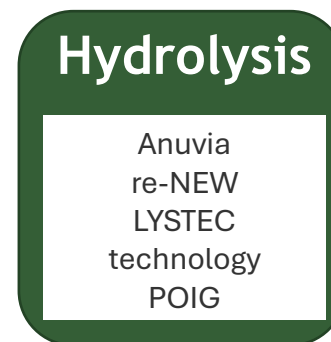
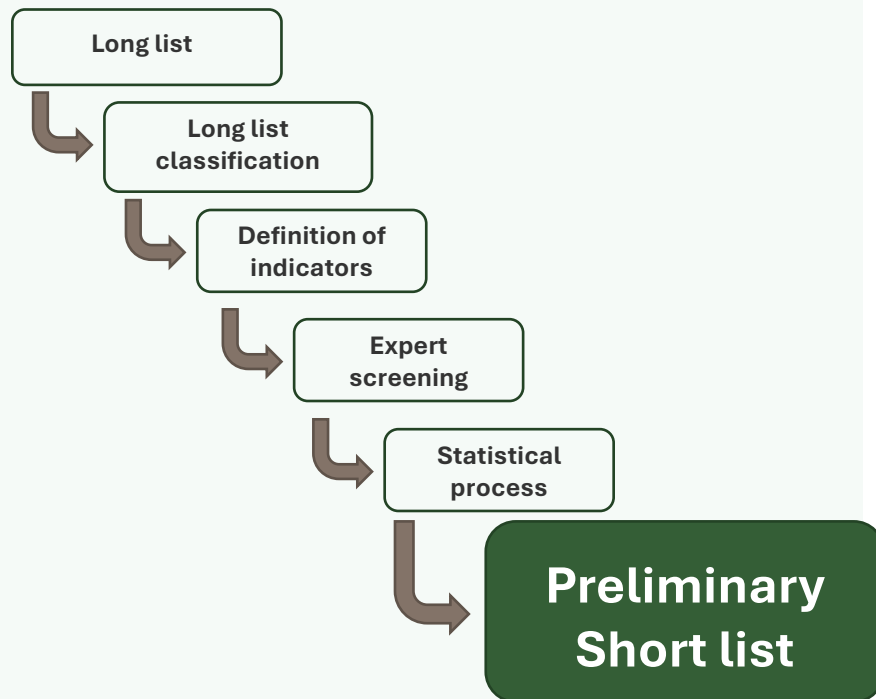
Type of technology	Amount	%
Physical chemical	4	11%
Thermo chemical	2	6%
Hydrolysis	4	11%
Precipitation	1	3%
Others	8	23%
Anaerobic digestion	10	29%
Composting	3	9%
Microalgae	0	0%
Physical	3	9%

TRL	Amount	%
9	34	97%
8	0	0%
7	1	3%



From Mapping to Prioritisation.

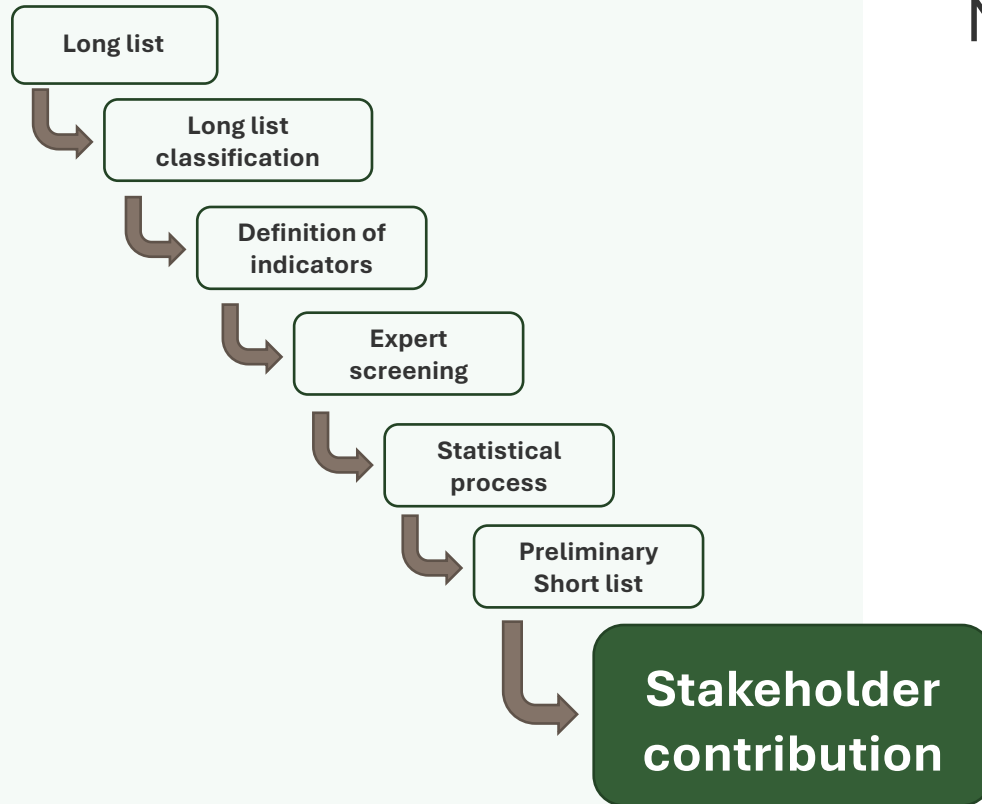
Step 5. Preliminary short list





From Mapping to Prioritisation.

Step 6. Stakeholder contribution



Now it's your turn to **share your experience and preferences** on key technical aspects of the technologies and products.

Your input will **help us refine the shortlist** and enhance the final evaluation





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