



WHAT		HOW	WITH WHOM	
Carbon Capture, CCU, CCS 	NEED 1	Understanding industry needs: what will enforce, enable, or inhibit CCUS	<ul style="list-style-type: none"> Bringing industry and public authorities together. Webinars for shared understanding 	<ul style="list-style-type: none"> Working group, with stakeholders also local authorities, financing Ministries, regulatory agencies. National funding bodies. Policy makers.
	NEED 2	Regulatory framework, with standards, legislation, taxation and incentives, including both larger and smaller emitters, addressing both CCU and CCS	<ul style="list-style-type: none"> Proposing regulations: for carbon binding and recycling; accounting for negative emissions; source of carbon; CCU fuels, chemicals and materials. Quality and safety specifications. Analysing options for incentivising CCUS plants and end product markets, especially for hard-to-abate industry 	<ul style="list-style-type: none"> Working group, with stakeholders also local authorities, financing Strong connection btw research institutes and industry is key to bring CCUS forward
CO₂ logistics 	NEED 3	CO ₂ infrastructure	<ul style="list-style-type: none"> Investing in infrastructure Multilateral agreements between member states 	<ul style="list-style-type: none"> Transport providers, including infrastructure industry (Fluxys, TES)
	NEED 4	Standards, specifications for CO ₂ transport	<ul style="list-style-type: none"> Agreeing on temperature and pressure requirements to facilitate multi-modal infrastructure. CO₂ quality specifications 	
	NEED 5	CO ₂ Import/export	<ul style="list-style-type: none"> Regulation for cross border exchange and CBAM 	<ul style="list-style-type: none"> Regulatory Agencies

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CO₂ storage Business models, value chains, industry symbiosis 	NEED 6	Availability of storage solutions for full CCS chain demonstration, taking into account storage competition between technologies: CCS, Geothermal energy, H ₂	<ul style="list-style-type: none"> Support the establishment of CO₂ storage facilities. Clarify regulation for utilization of underground storage for competing technologies. At national level, decide on specific nodes where CO₂ aggregation would facilitate scaling of CCS 	<ul style="list-style-type: none"> Ministries responsible for energy and environmental policies, to secure support for CCUS infrastructure
	NEED 7	Carbon Capture (CC) targets	<ul style="list-style-type: none"> CC targets with quota, bans or support (subsidies, taxes, certificates) Support pilots in all sectors – also energy-intensive industry 	<ul style="list-style-type: none"> Ministries responsible for energy and environmental policies, alignment with goals
	NEED 8	Long-term transparent framework for incentives reducing investment risks	<ul style="list-style-type: none"> Incentivising CCUS plants and end product markets Matchmaking for project developers and funders Regulated markets. Market model to guide participants (demand on green plastic, bio-fuels). Price on CCS for industry to sell carbon credits. Voluntary carbon market (especially with BECCS). Biogenic CCU - premium product on existing market. 	<ul style="list-style-type: none"> Energy Regulatory Authorities
	NEED 9	Value chains	<ul style="list-style-type: none"> Boost development of CCUS value chains 	<ul style="list-style-type: none"> Industrial clusters, business associations, EU technology platforms. Mission innovation. Processes4Planet and other partnerships



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Standards 	NEED 10	Technological standards (e.g. concrete)	<ul style="list-style-type: none"> Formulate recommendations for European standards for CEN approval to be adopted regarding technical aspects of CCS and CCU, as well fuels derived from CO₂ 	<ul style="list-style-type: none"> Standardisation bodies
	NEED 11	Science based evidence, data to support	<ul style="list-style-type: none"> R&D projects to provide data and basis for recommendations 	<ul style="list-style-type: none"> Research institutes
Knowledge sharing	NEED 12	Networking between stakeholders 	<ul style="list-style-type: none"> Create certificates or stamps for brands to boost premium green products. Example: "Fossil indicator" to compare the environmental impact of a product. Best practices, dissemination, competence building. Working groups, platforms, communication materials 	<ul style="list-style-type: none"> EC/national governments, supporting concrete and functional working groups
Social acceptance	NEED 13	Interaction with the public. Dialogue with society and citizens. Education.	<ul style="list-style-type: none"> Best practices, communication, competence building, dialogue and listening Working groups, platforms, communication materials Example: 'Decarbonised modern living' to support stakeholder management/permitting 	<ul style="list-style-type: none"> Society, citizens, local communities EC/national governments, supporting concrete and functional working groups
Environmental impact 	NEED 14	Defining environmentally friendly CCU	<ul style="list-style-type: none"> Share EIAs LCA 	<ul style="list-style-type: none"> Environmental groups Policy makers