

Carbon capture and Utilisation (CCU) is recognised by the IPCC as an important solution to reach climate neutrality, carbon circularity and sustainability targets. The increase in projects and collaborations showcase that industrial actors are ready to invest in scaling-up technologies at industrial scale. Funding schemes are more consistently aiming at supporting CCU deployment and policy is taking initial steps in creating a supportive regulatory framework. The variety of technological pathways that CCU encompasses reveal a certain difficulty in quantifying the feasible potential of CCU's contribution to EU's climate goals. The CO<sub>2</sub> Value Europe community has undertaken the task of developing a roadmap for the deployment of CCU in Europe in the years to come. This Roadmap includes a scenario development exercise defining the strategic context within which our vision for the deployment of CCU technologies can be defined and realised; a modelling exercise of representative CCU pathways that will provide quantified information on how CCU can feasibly contribute to our climate mitigation goals; and a description of actions/recommendations to realise this vision. CVE's roadmap will feed in the process of creating an EU Strategy for CCS and CCU as announced at the CCUS Forum late October 2022 by the Energy Commissioner. During the conference, initial results of the Roadmap will be presented.