



ECCSEL's Contribution to SDGs

ECCSEL responds to the UN sustainable development goals (SDGs) by contributing to solutions that substantially reduce CO₂ emissions from industry and power generation.

With the focus of strengthening the services in the field of energy, ECCSEL research projects contribute to the overall vision of ECCSEL to **enable low to zero CO₂ emissions from industry and power generation to combat climate change:**

7 AFFORDABLE AND CLEAN ENERGY 	13 CLIMATE ACTION 
<p>Substantially reducing CO₂ emissions in the cement sector is an important climate action measure. ECCSEL's users at LEAP (Laboratorio Energia e Ambiente) in Italy is about to demonstrate vital parts of the Calcium Looping concept, one of the most promising technologies for CO₂ capture in cement plants.</p> <ul style="list-style-type: none"> - Production of cement in future will happen almost without CO₂ emissions 	<p>Waste-to-energy plants constitute a large emission source of CO₂ today. More research is needed before emissions can be reduced at cost efficient rates worldwide. At various plants in the Netherlands, ECCSEL aerosol characterisation equipment contributes to the early adoption of CO₂ emission reduction at substantial rates, at waste-to-energy plants.</p>

