

**CaCTUS** = Carbon Capture, Transformation, Utilization & Storage

"Ca" in the periodic table actually stands for calcium => we have to make clear that this is **not** meant. Suggestion: Fill up Ca with Carbon Dioxide ( $\text{CO}_2$ ) molecules.

The C stands for Capture. Idea: design the C with a net structure

T = Transformation (of the  $\text{CO}_2$ ) => maybe a test tube? with rising bubbles, which then turn into gears...??

U = Utilization => Here an arrow and an industrial plant (but without chimney!)

S = Storage => Here no stripes but a rock formation

The project refers purely to Austria, therefore the suggestion to design the underground/shadow of the "cactus" in the form of the geographic borders of Austria (possibly softer outlines than on the following slide)

The "U" and the "S" should slide further down than in the drawing (see next slide, left illustration)

Colors: Green, gray, brown, blue, anthracite, etc.... Red perhaps only for  $\text{CO}_2$  molecules - the details should remain easily distinguishable even for color-blind people.



