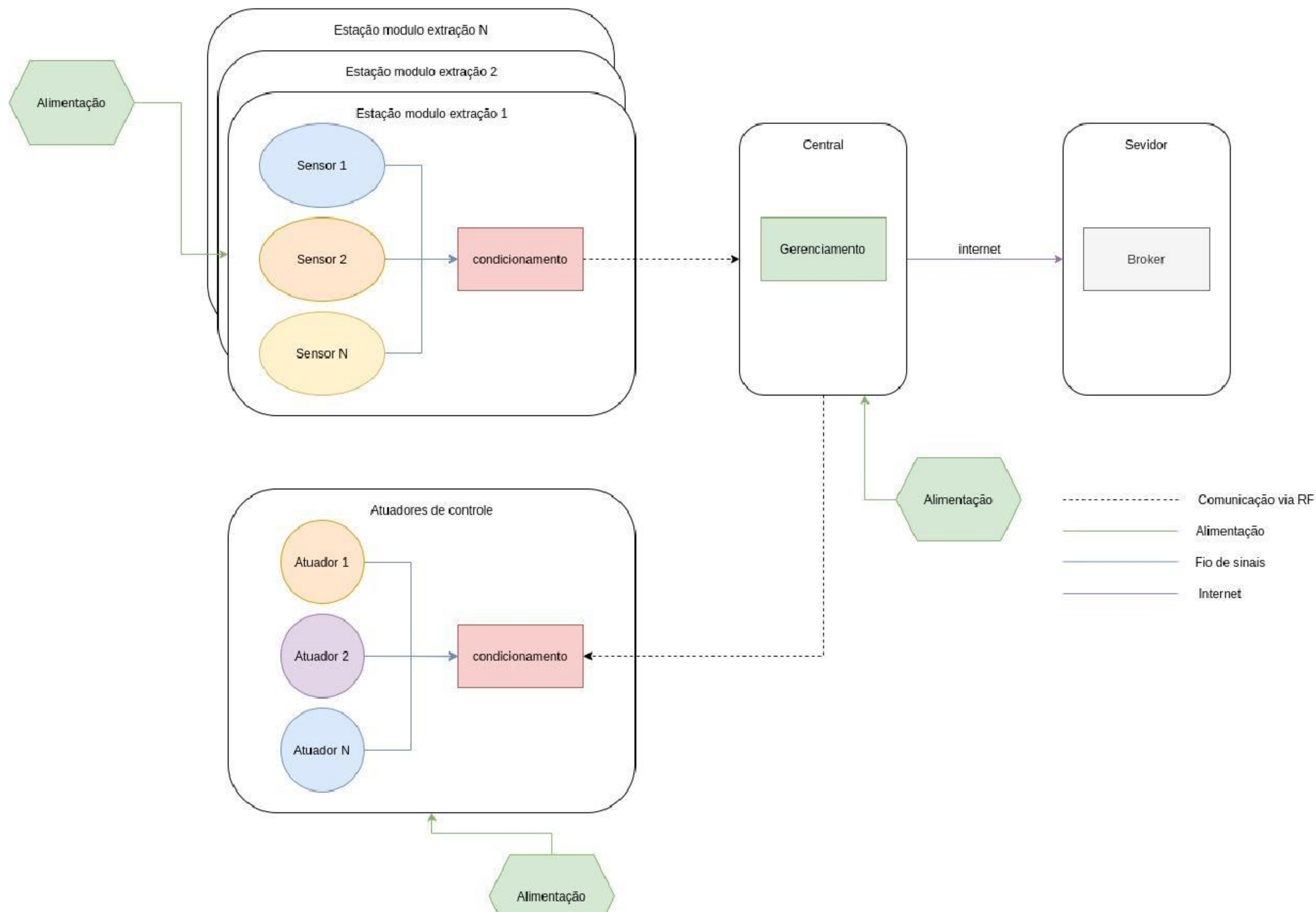
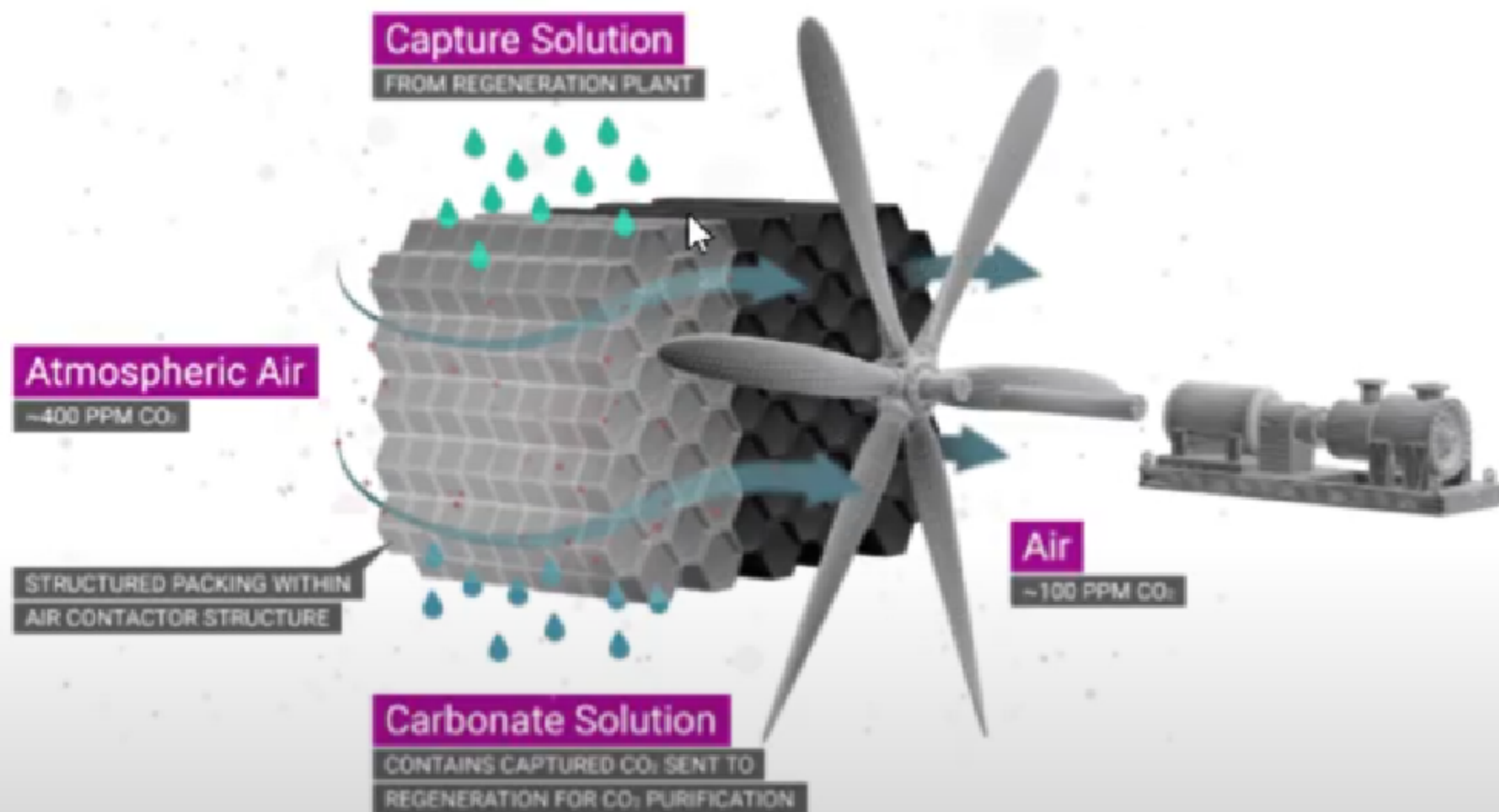


**Sensor de  
Umidade**

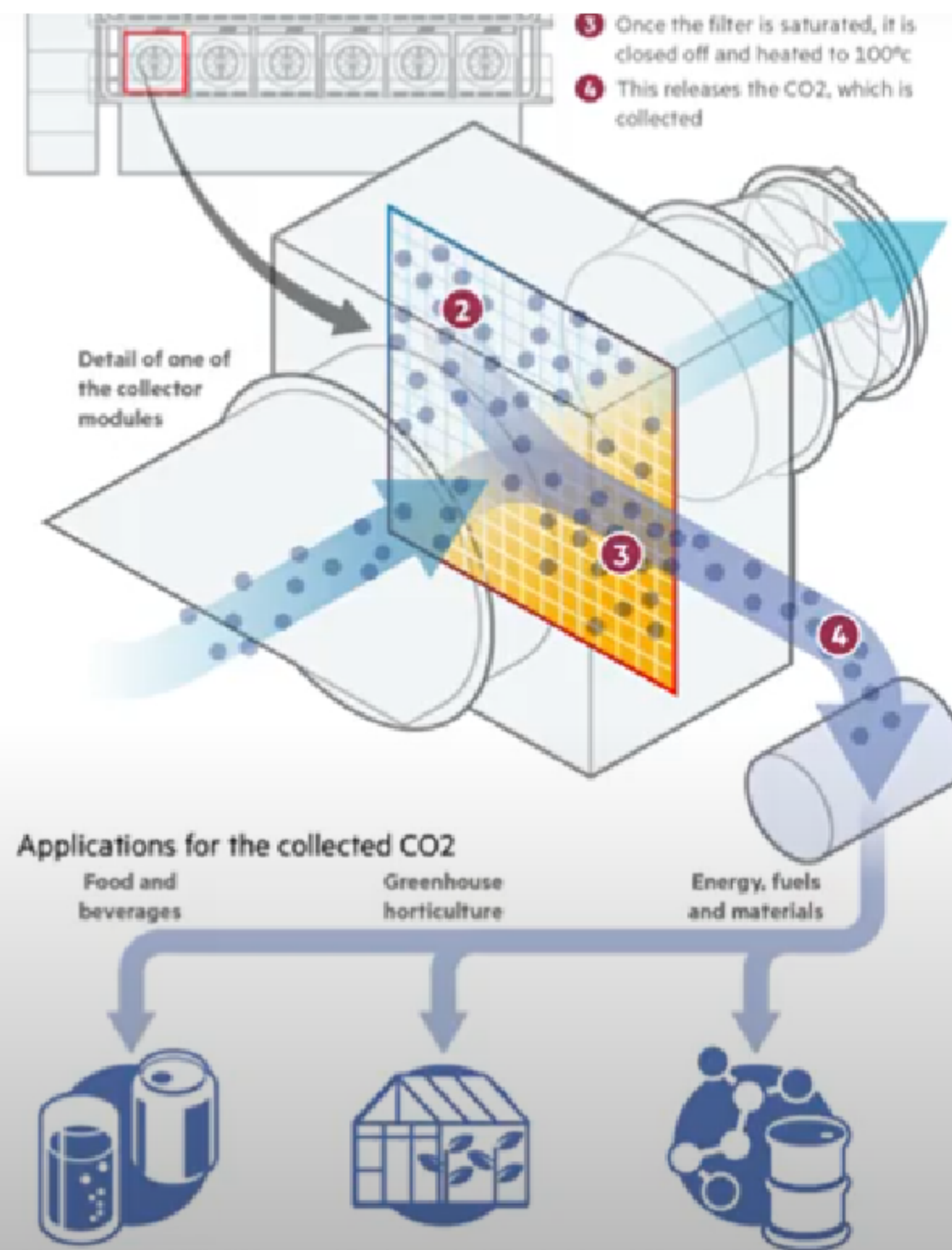
**Umidade  
do Ar**



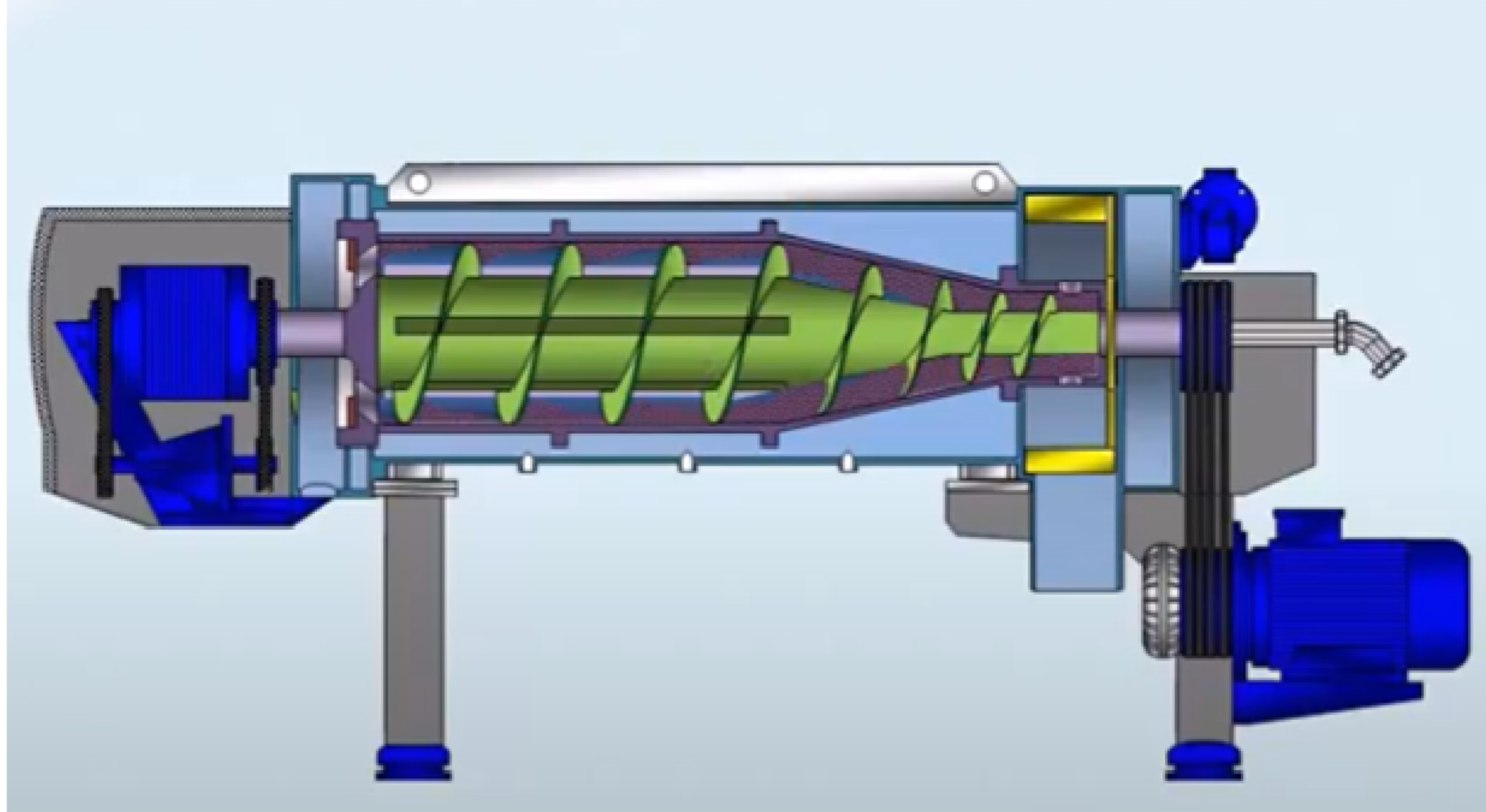




Direct air capture (DAC) works using a closed loop technology with water and clean electricity the only major inputs. The output is a stream of pure, compressed CO<sub>2</sub>. (Image source: Carbon Engineering)









projeto

compra

projeto

Ar

Ar com  
menos  
 $\text{CO}_2$

projeto

$\text{Na}_2\text{CO}_3 + \text{H}_2\text{O}$

Se reator em  
operação > bomba  
desligada/ventilador  
desligado

dimensionamento  
de volume/tempo  
de reação

compra/dimensionam  
ento

Separador (filtro,  
decantador...)

compra

$\text{CaCO}_3$

$\text{NaOH}$

$\text{Na}_2\text{CO}_3 + \text{Ca(OH)}_2$

$\text{NaOH} + \text{CaCO}_3$



