

# The material solution to carbon capture

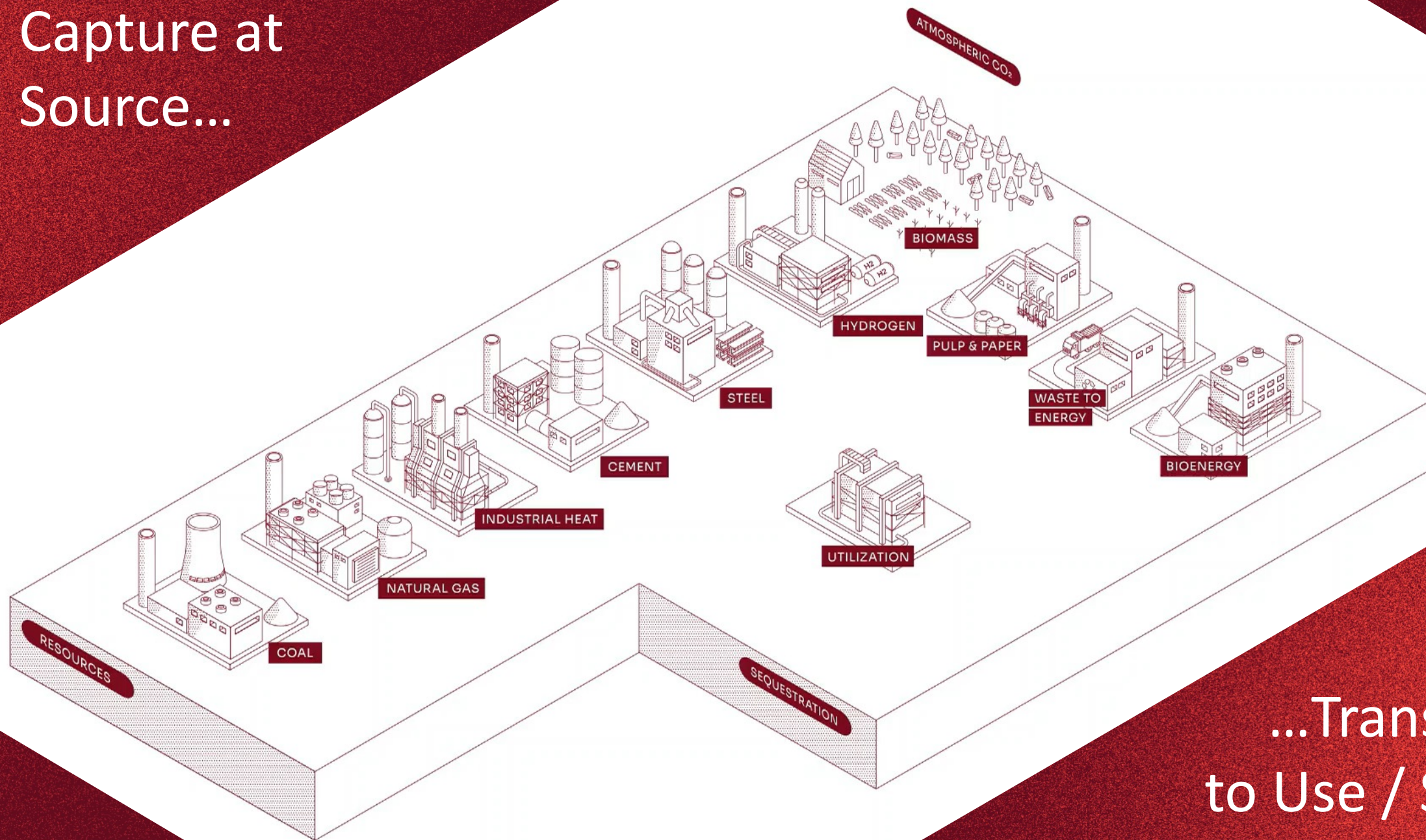


**Danielle Colson**

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# Capture at Source...

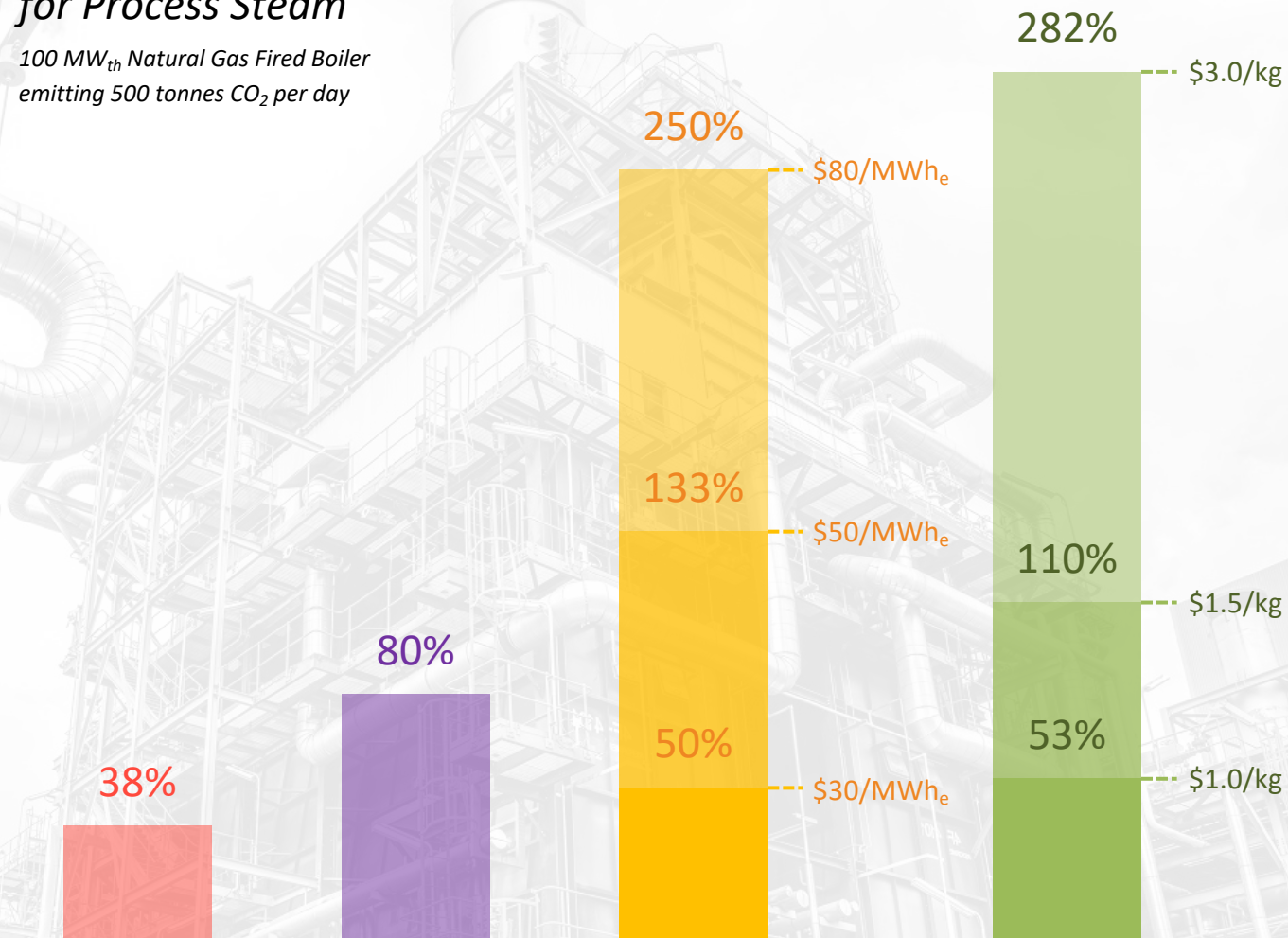


...Transport  
to Use / Store

Half the cost of carbon capture, and lower cost than other decarbonization pathways

## Green Premium for Process Steam

100 MW<sub>th</sub> Natural Gas Fired Boiler emitting 500 tonnes CO<sub>2</sub> per day



**Mantel**

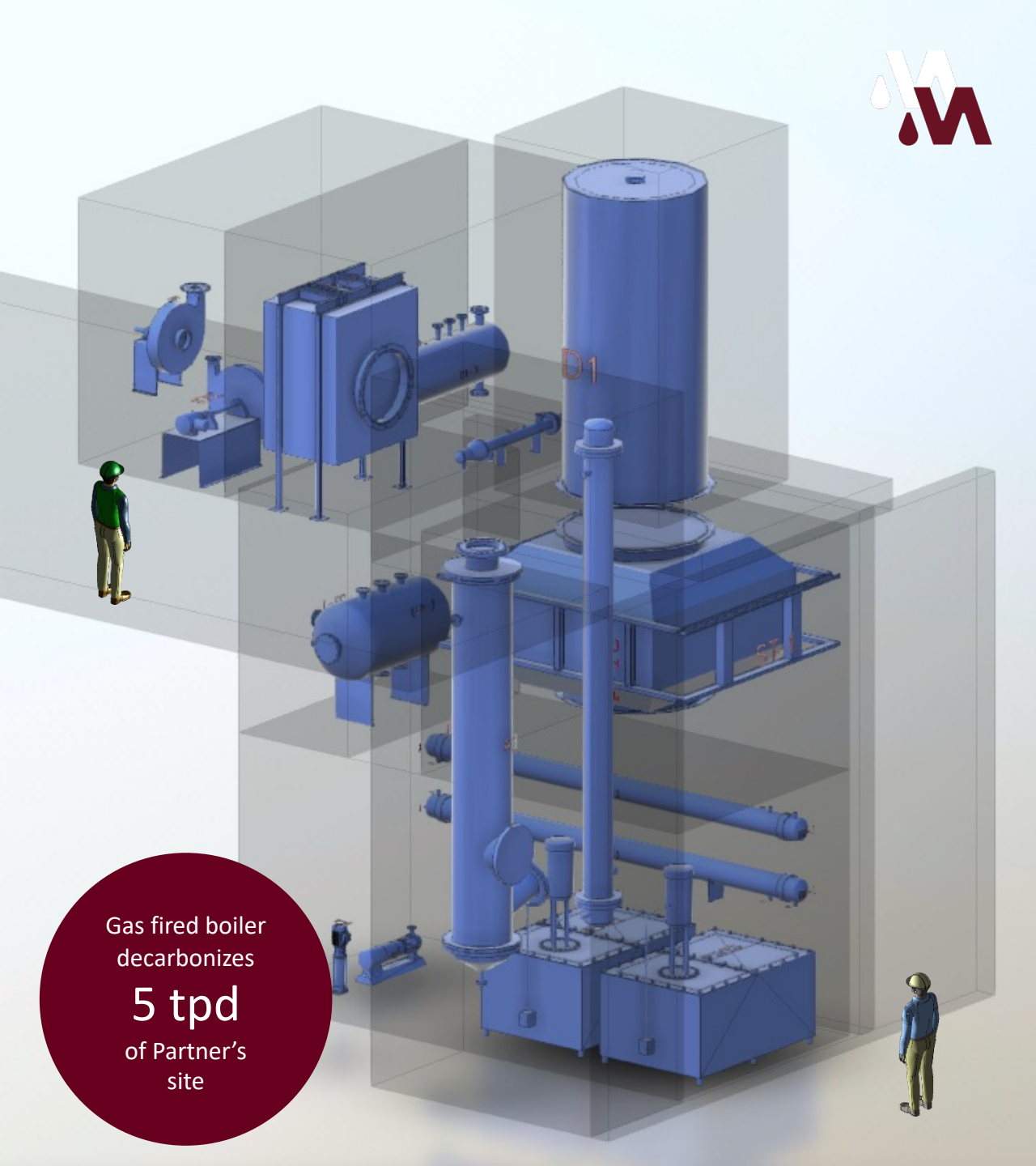
**Capture**  
with Amines

**Electrification**  
Clean & Base-Load

**Hydrogen**  
Green & Delivered



Pilot captures  
**0.5 tpd**  
at 98% efficiency



Gas fired boiler  
decarbonizes  
**5 tpd**  
of Partner's  
site

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