

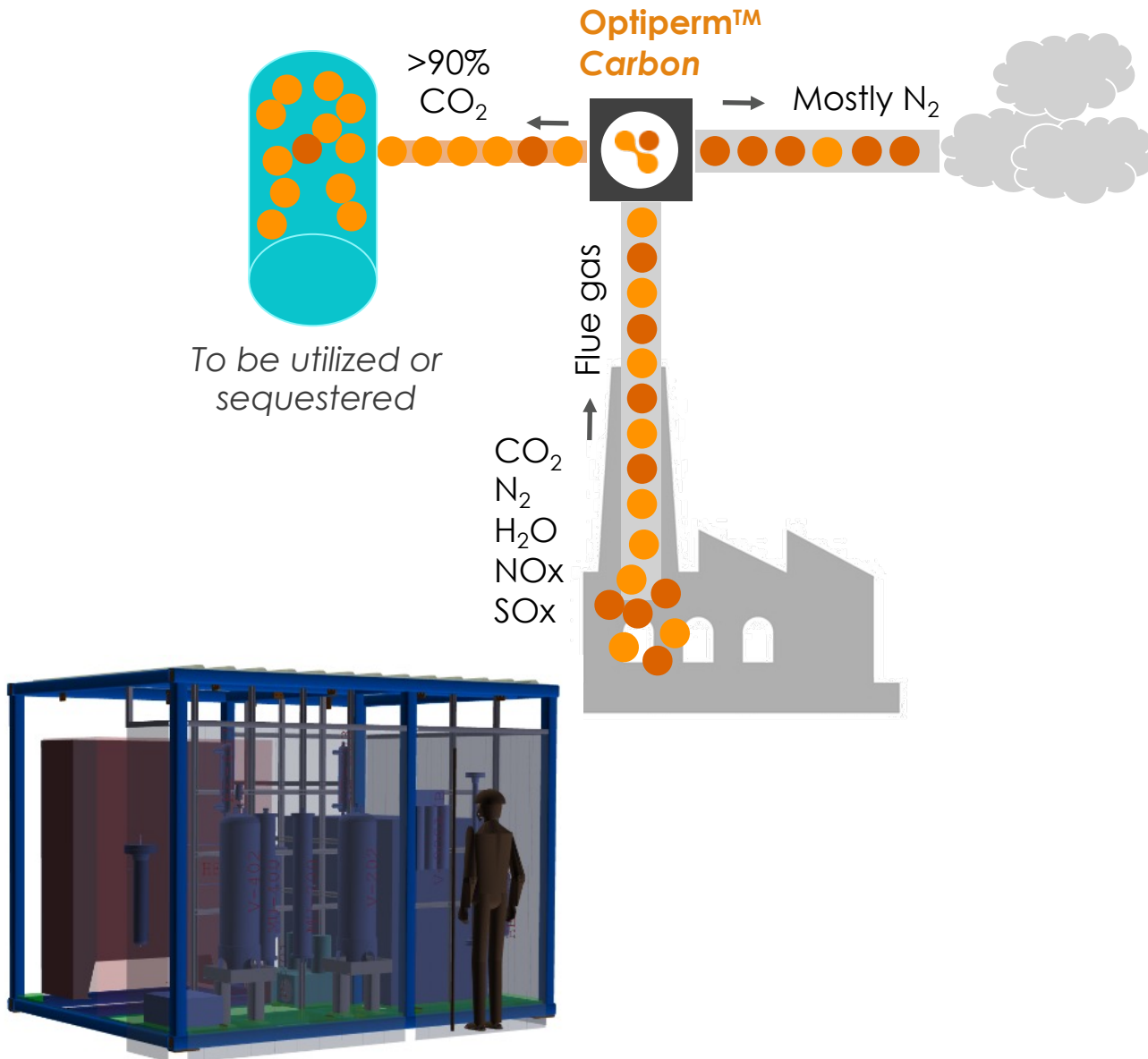
Industrial Decarbonization with the Power of Membranes



Compact Membrane Systems



Ready for demonstration: Carbon Capture for Steel



Cost Breakdown

	Current Gen High performance HF membrane	Next Gen New membrane design & chemistry
Cost \$ / ton CO₂	\$51	\$42
CAPEX	\$82 MM	\$64 MM
Membranes	\$39.6 MM	\$27.4 MM
BoP	\$42.0 MM	\$36.5 MM
OPEX	\$20 MM	\$17 MM
Power	\$15.0 MM	\$13.4 MM

Process Conditions

90% CO₂ recovery
90% CO₂ product @ atmospheric pressure
 24% CO₂ in feed
 100,000 scfm flow