

DRIVING THE FUTURE

Ohio's Cluster Ecosystem Leading Smart & Sustainable Manufacturing Innovation in America's Industrial Heartland



Steve Fritsch

Vice President, Industry Advancement and Engagement



Cleveland &
**THE NORTHEAST
OHIO REGION**





COBURN HASKELL

Cleveland, Ohio Businessperson | Solid Rubber Wound Core Golf Ball



GARRETT MORGAN

Cleveland, Ohio Inventor and Entrepreneur | Inventor of a “Safety Hood” and the Traffic Light



OLGA GONZÁLEZ-SANABRIA

Cleveland, Ohio Scientist and Inventor | Long-Cycle-Life Nickel-Hydrogen Batteries





JOBS



SUSTAINABILITY



PROSPERITY



 **14** counties of Northeast Ohio

 **900** company investments


67,000
new jobs


\$3.4 B
in new
payroll

\$16.3 BILLION in capital investment

4 MILLION

people

\$300 BILLION

economy

800

company
headquarters





CHICAGO

TORONTO

NEW YORK

NORTHEAST
OHIO REGION



INNOVATION IN START UPS



6,500 industry jobs



\$12 billion in economic impact



INNOVATION IN EDUCATION



25 colleges and universities



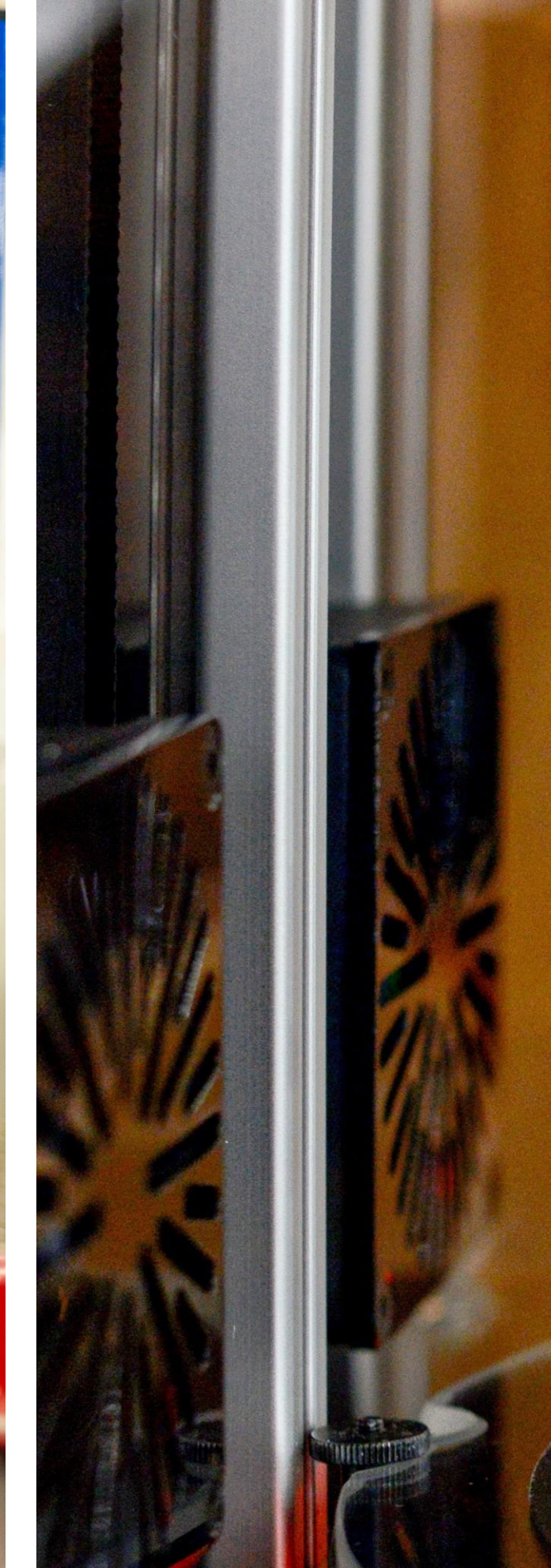
INNOVATION IN POLYMERS



6,300 industry jobs



\$1.8 billion in direct private investment



INNOVATION IN SUSTAINABLE MANUFACTURING



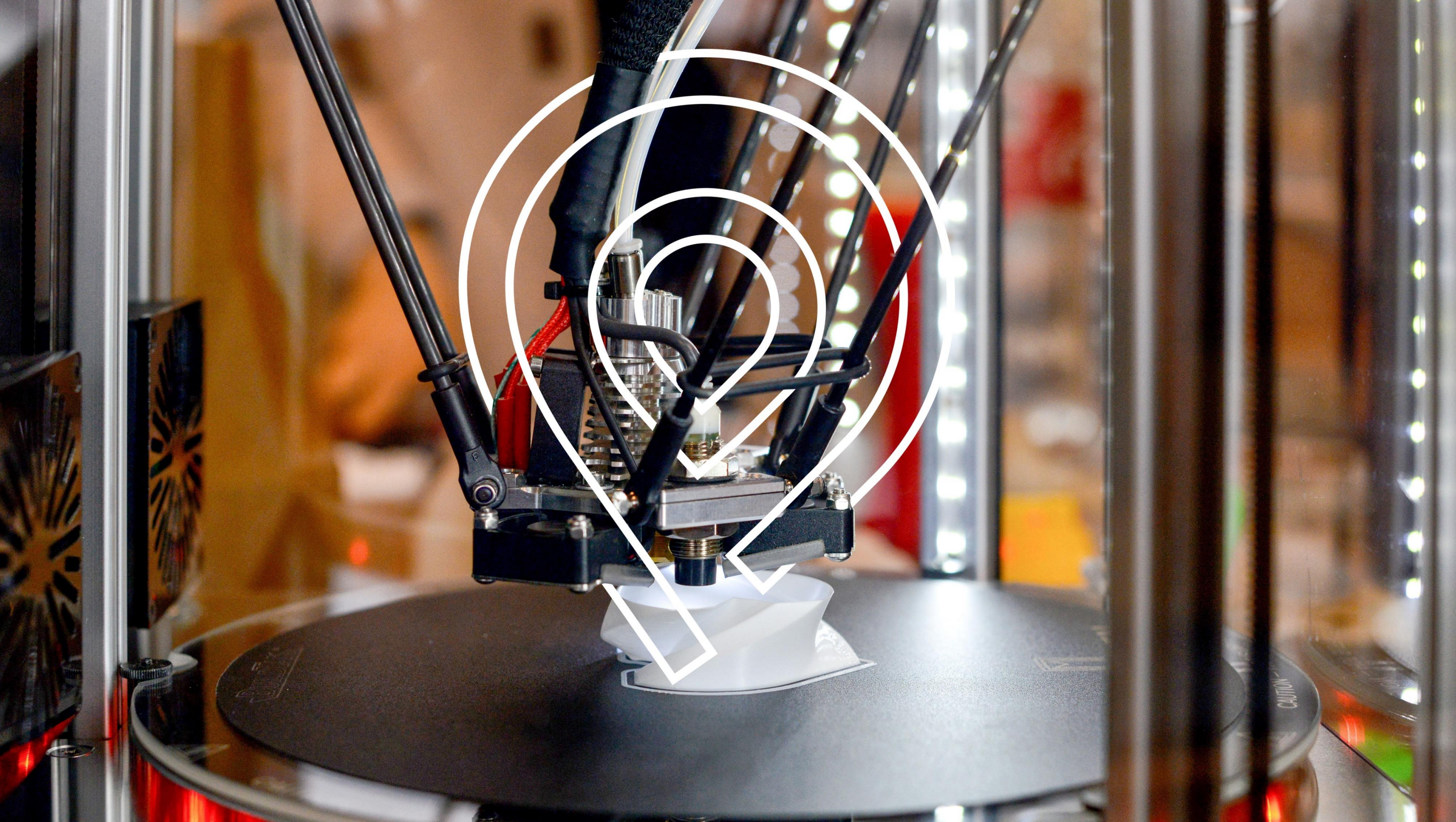
blue tech



carbon capture



digital twins



INNOVATION IN SMART MANUFACTURING



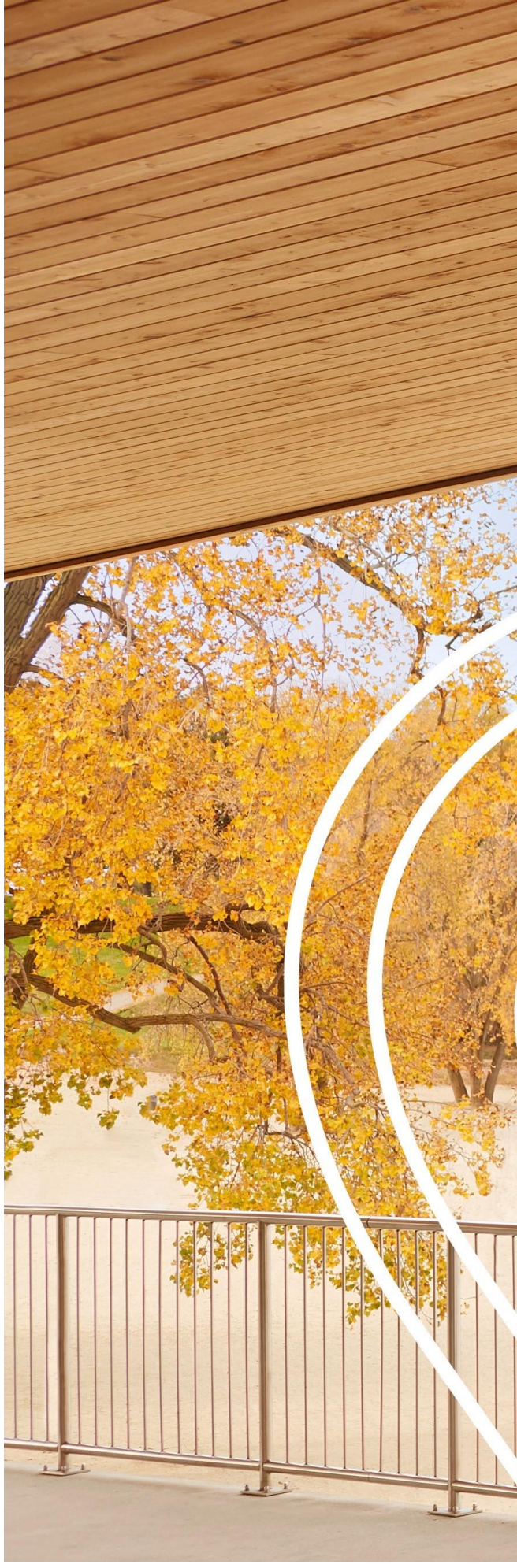
Additive
Manufacturing



Advanced
Materials



Advanced
Technology



INNOVATION IN CLEAN ENERGY



energy storage



grid resilience



hydrogen



INNOVATION IN WATER



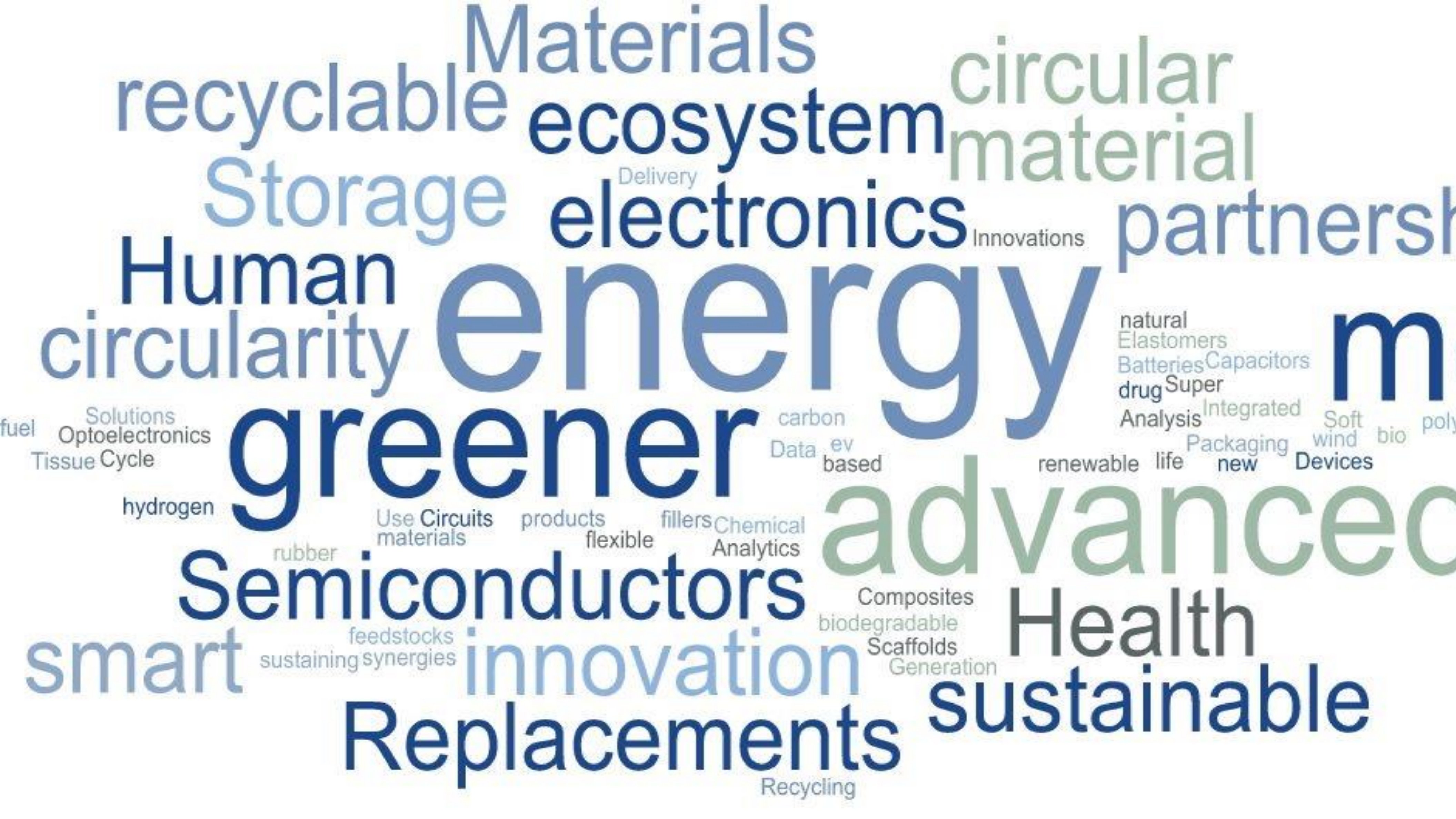
20% of the world's fresh water



IoT sensors for water quality monitoring

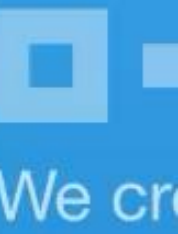
The image shows a close-up of industrial machinery, likely a robotic arm or a precision manufacturing tool, with a blue and green color cast. The word "INNOVATION" is written across the center in a large, white, outlined font. The background is filled with various mechanical components, including metal frames, gears, and cables, creating a sense of a high-tech industrial environment.

INNOVATION









THE J.M. SMUCKER Co



INNOVATIVE
SUSTAINABLE
PROSPEROUS
EQUITABLE

Team
neo

Cleveland &
THE NORTHEAST
OHIO REGION

JobsOhio
Network Partner



THANK
YOU



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