



## Powering a sustainable future

An energy transition investment of  
**\$5.8 trillion** is required to achieve global net zero by 2050, tripling current investments (BloombergNEF)<sup>1</sup>

A **50%** increase in global energy demand is expected over the next 30 years (EIA)<sup>2</sup>

<sup>1</sup>Getting on track for Net-Zero by 2050, BloombergNEF, July 2021

<sup>2</sup>EIA projects nearly 50% increase in world energy usage by 2050, US Energy Information Administration, 2019



Experience a new energy future through immersive, interactive exhibits at the Energy Transition Center of Excellence at the Houston Microsoft Technology Center. Learn how to tackle the most complex energy challenges and build a more sustainable future.

Innovating with customers to meet the demands of the global energy transition.



Work better,  
together



Operate for  
the future



Accelerate to  
net zero



Unlock sustainable  
businesses

"We are committed to a holistic and balanced approach to meet the world's growing energy demands securely, equitably and sustainably, with technology enabling the journey to a new energy future."

– Darryl Willis,  
CVP Energy & Resources Industry,  
Microsoft



Innovative solutions from our global ecosystem partners enabled by Microsoft's secure and trusted cloud.



Partner	Solution
 	<p><a href="#">Digital Tehcnology Pathway for Scaling-Up the Hydrogen Economy</a>: AspenTech and Emerson solutions are designed to help address the challenges of CAPEX and lifecycle operating cost of production, supply chain and storage infrastructure to expedite speed to market.</p>
	<p><a href="#">Going Digital in Offshore Wind</a>: Bentley provides digital solutions to help stakeholders work together more effectively, design, implement and operate offshore structures, and deliver a clear line of sight across the whole operation.</p>
	<p><a href="#">Cognite Data Fusion® for Sustainability</a>: Cognite Data Fusion® automates the ingestion, consolidation, contextualization, and access to operational, engineering, and IT data from multiple sources to enable operators to take action to help reduce emissions and waste in real time.</p>
	<p><a href="#">Hydrogen Pathways to Further Decarbonization</a>: EY's Hydrogen Pathways is a molecular accounting platform, combining asset planning with operational insights to create a holistic view for hydrogen production.</p>
	<p><a href="#">End-to-end Enterprise Emissions Management</a>: Honeywell Emissions Management Suite is an end-to-end solution that provides Green House Gas emissions measurement, monitoring, reporting, reduction and more to drive insights that support company's decarbonization goals.</p>
	<p><a href="#">Prosumers and the New Energy Landscape</a>: Utilities are at the heart of the new energy landscape, a paradigm shift to bidirectional energy driven by prosumers. Discover how Schneider Electric and its portfolio of prosumer companies are accelerating the new energy landscape.</p>
	<p><a href="#">For a Balanced Planet</a>: SLB solutions include using artificial intelligence, automation, and comprehensive data management to create new levels of efficiency and performance across the CCUS value chain.</p>
	<p><a href="#">Energy Equity and Energy Access</a>: Switch Energy Alliance's global video- and web-based approach engages students and general viewers in a positive conversation to work collaboratively on energy challenges.</p>
	<p><a href="#">TerraPraxis Repower</a>: TerraPraxis REPOWER is a standardized system designed to repurpose existing coals plants to produce clean energy.</p>

Learn more

Learn more about [themes and actions critical for energy transition](#). Visit the Energy Transition Center of Excellence in [Houston, Texas](#)