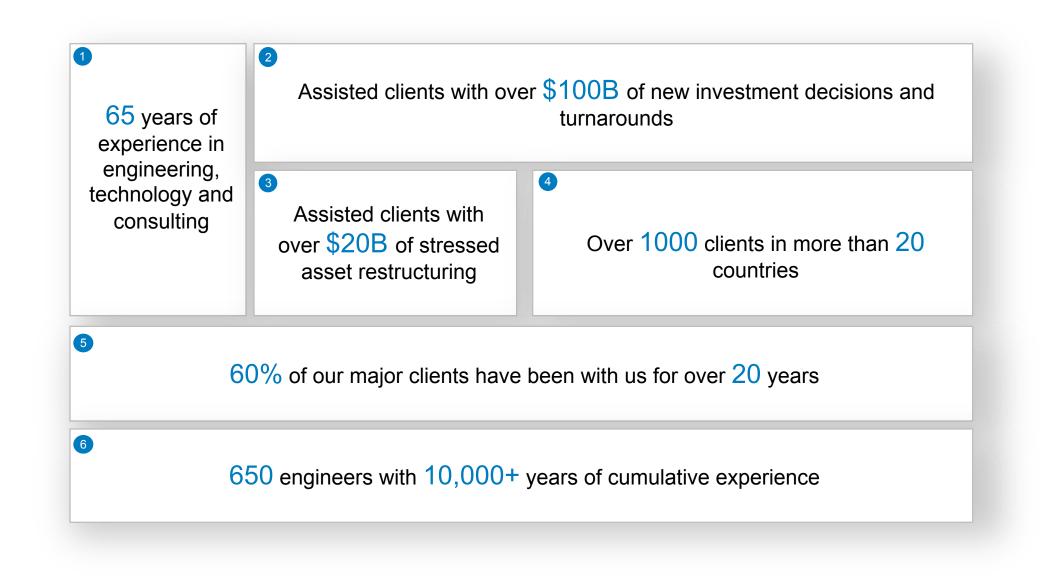
Leading Industrial Scale Clean Energy Transition

December 24, 2021







Austin, TX based Dastur Energy is the clean energy arm of the Dastur group of companies, which has 65⁺ years legacy of designing and engineering large scale capital projects worldwide





Atanu Mukherjee President & CEO

An energy thought leader, an entrepreneur and a business and technology leader Atanu works at the highest levels of enterprises, investors and governments. Earlier he was in senior business and technology leadership at Microsoft Corp. and Digital Equipment Corp.

Atanu has a graduate degree in Engineering and Management from MIT School of Engineering and MIT Sloan School of Management and was a Research Fellow at CSAIL.



Abhijit Sarkar Vice President

As a business leader, and investment and commercial manager Abhijit works with the C-Suite of energy and industrial companies. Earlier, he led program and business management at Microsoft Corp. He was an investment manager at Janus Capital where he invested in emerging markets, the commodity and the energy sectors.

Abhijit is a graduate in Computer Science & Economics from MIT and holds an MBA from the Wharton School.

Dastur Energy Leadership & Key Experts





Steven Winberg Strategic Advisor

Steven Winberg has 39 years of experience in the energy industry. He served as Assistant Secretary for Fossil Energy, US Department of Energy.

Mr. Winberg received a bachelor's degree in nuclear science from the State University of New York Maritime College and an MBA from the University of Pittsburgh.



Phil Amick Gasification Expert

Phil has previously worked for Brown & Root, Power Systems Engineering Inc. (PSE), Destec, Dynegy, Global Energy Inc., ConocoPhillips, Phillips 66 Company and CB&I. He was the Chairman of Gasification Technologies Councill and served on its Executive Committee .

Phil holds a bachelor's degree in mechanical engineering from the Rose-Hulman Institute of Technology, Terre Haute, Indiana, USA.



Ken Medlock Energy Economics Expert

Kenneth B. Medlock III, Ph.D., is the James A. Baker, III, and Susan G. Baker Fellow in Energy and Resource Economics at the Baker Institute and the senior director of the Center for Energy Studies. Medlock received his Ph.D. in economics from Rice University.



Jerry Hausman Policy and Industrial Economics Expert

Jerry A. Hausman is the John and Jennie S. MacDonald Professor of Economics at MIT in Cambridge, Massachusetts, USA. He is the Director of the MIT Telecommunications Economics Research Program



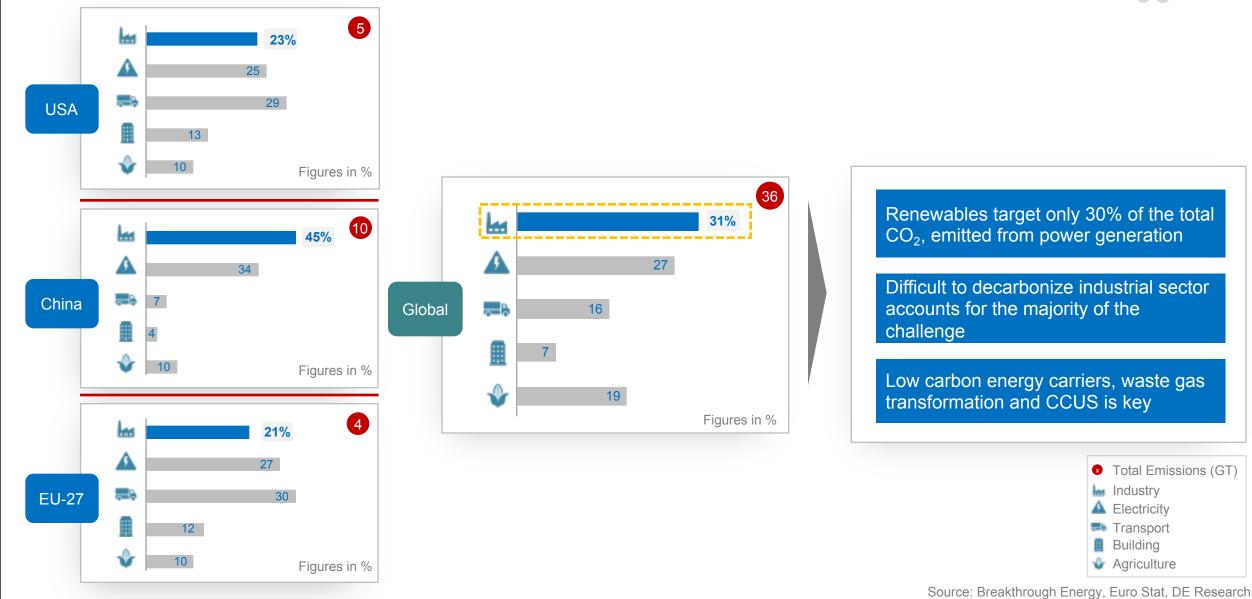
Susan Hovorka Geologic Sequestration & EOR Expert

Susan D. Hovorka is a Senior Research Scientist at the Bureau of Economic Geology, Jackson School of Geosciences, at The University of Texas at Austin.

Hovorka has earned her BA in geology from Earlham College and an MA and Ph.D. from the University of Texas

What Problem does Dastur Energy Address - The 70% Emissions Challenge





O1 Recognizing that CO_2 is the Enemy, <u>NOT</u> Gas, Wind, Coal, Oil, Solar or Nuclear



03 Hydrogen and Other Low Carbon Carriers Key to Industrial Decarbonization



Giga Ton (GT) Scale CO₂ Management Infrastructure Essential for Deep Decarbonization





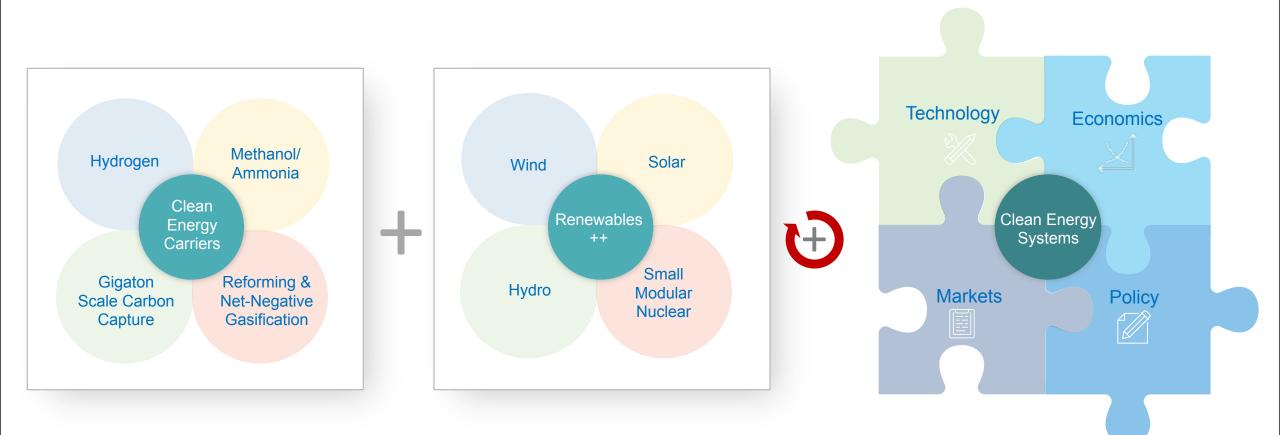
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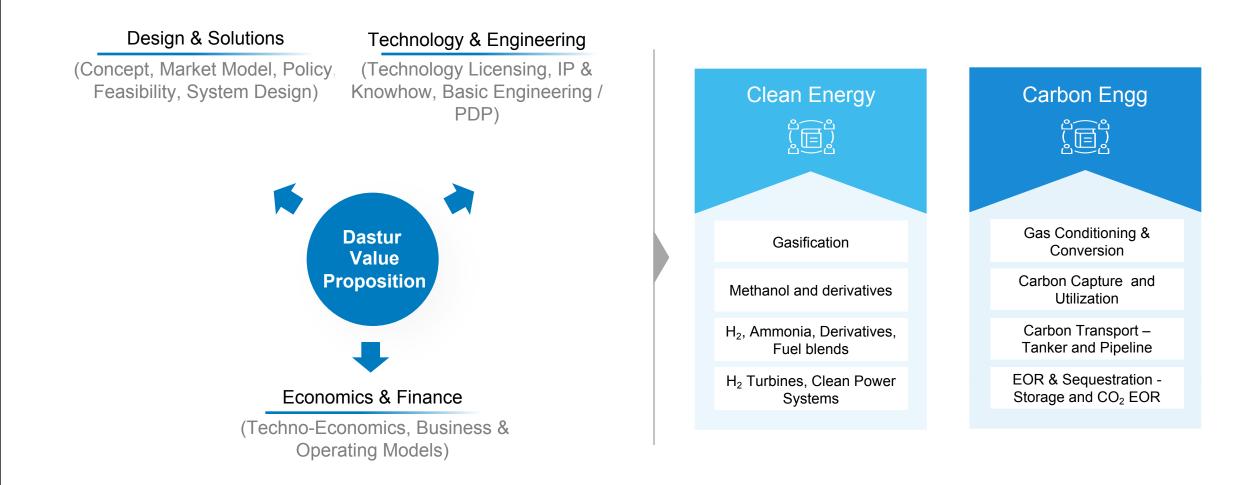
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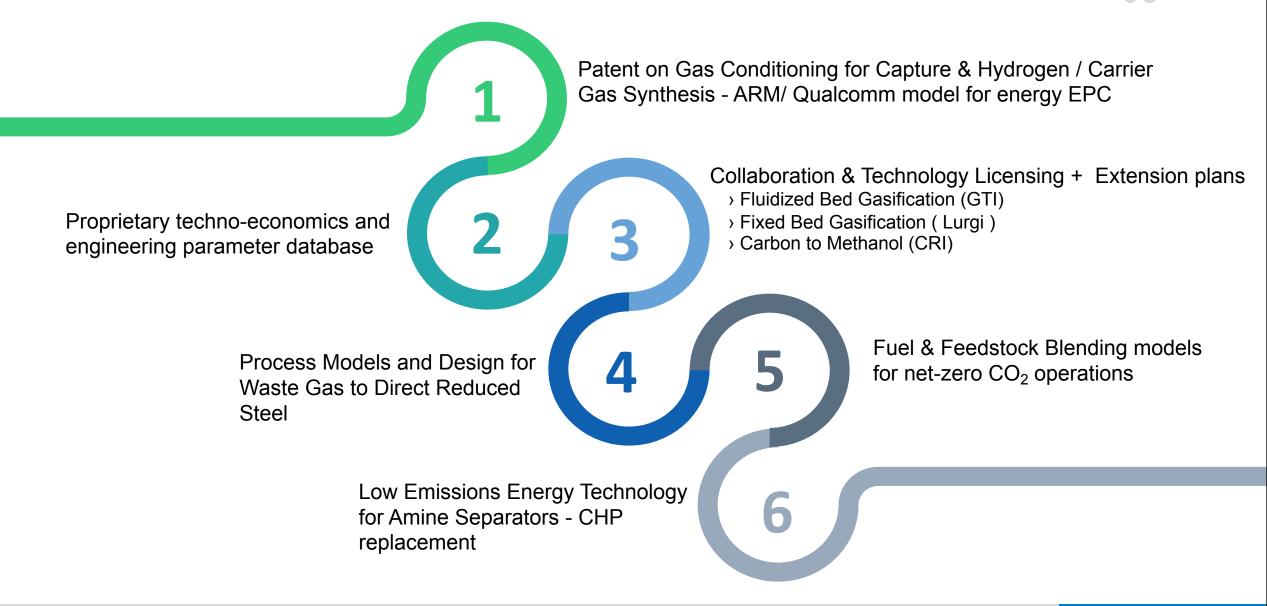










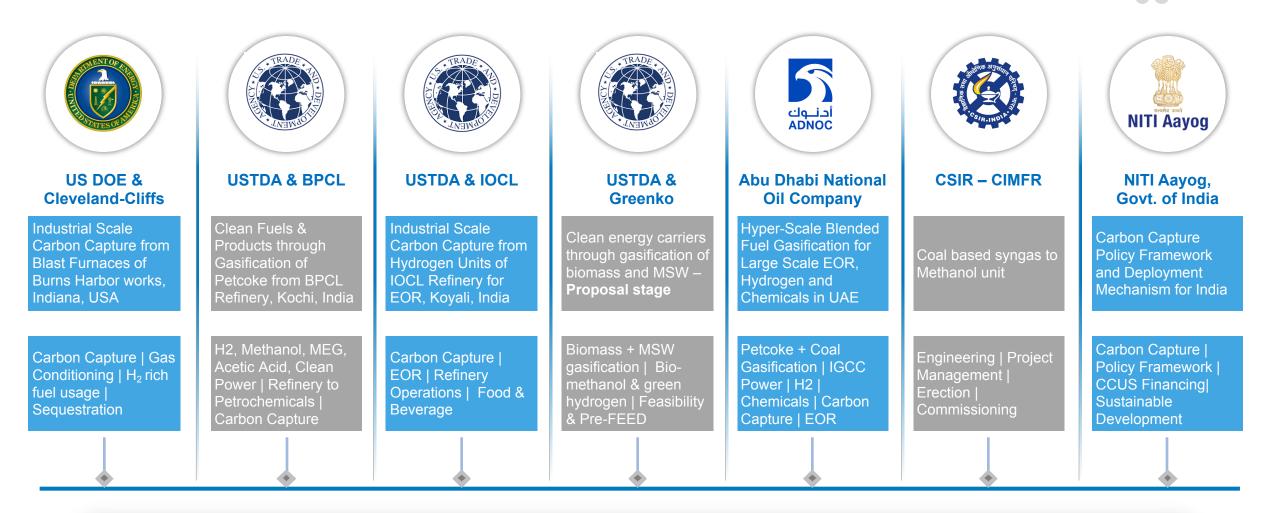


Broad Network of Partnerships across the Clean Energy Value Chain







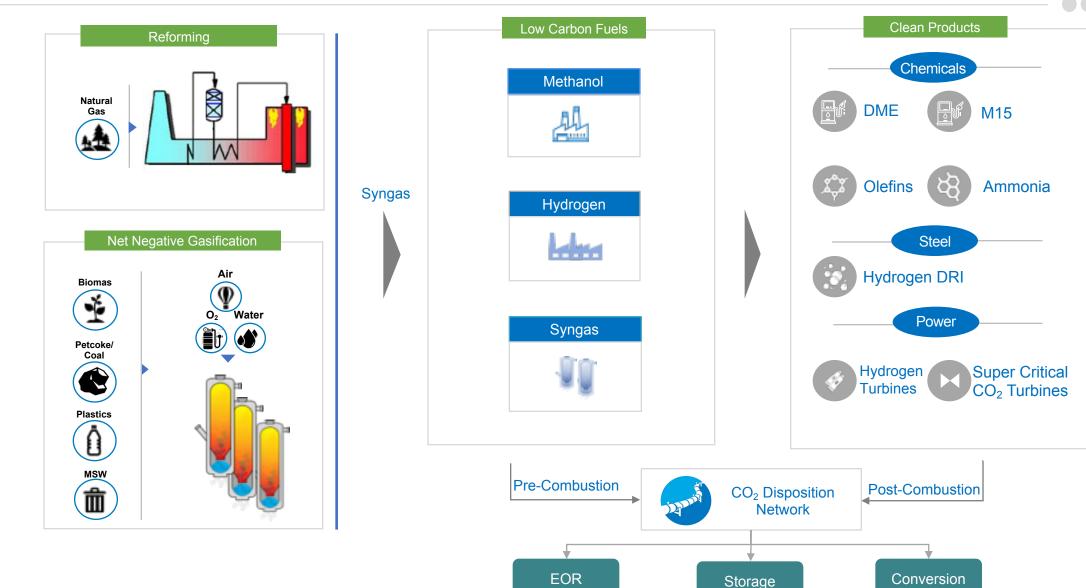


We are pioneering some of the leading industrial scale clean energy projects around the world

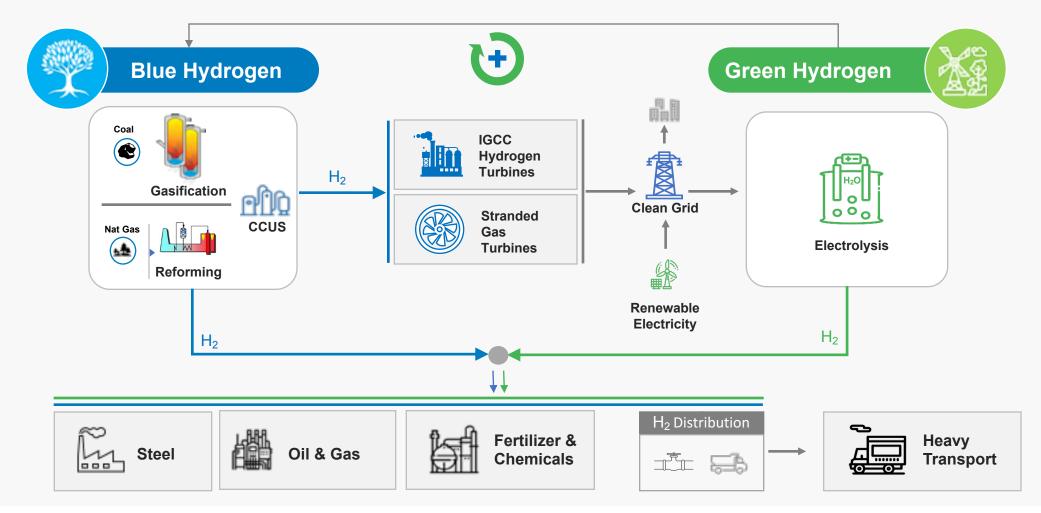


Dastur Energy - Commercial Scale Deep Decarbonization Model for the Industry





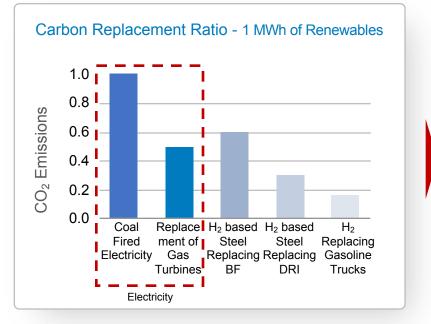


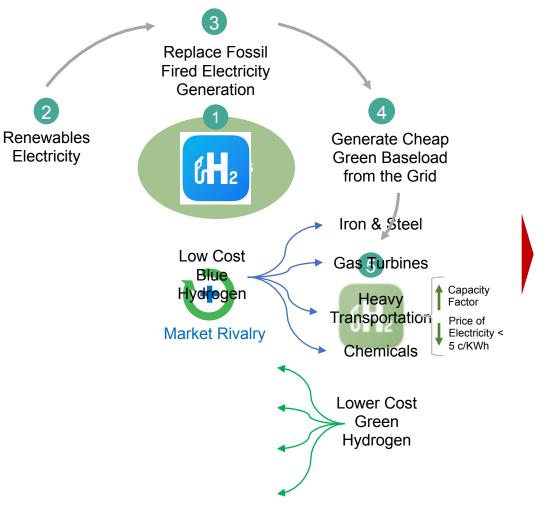


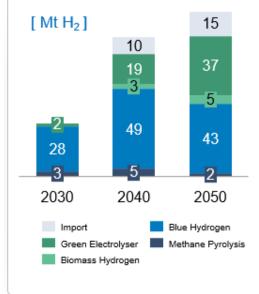
Energy Security, Economic Prosperity

The Market Evolution Model for the Hydrogen Economy

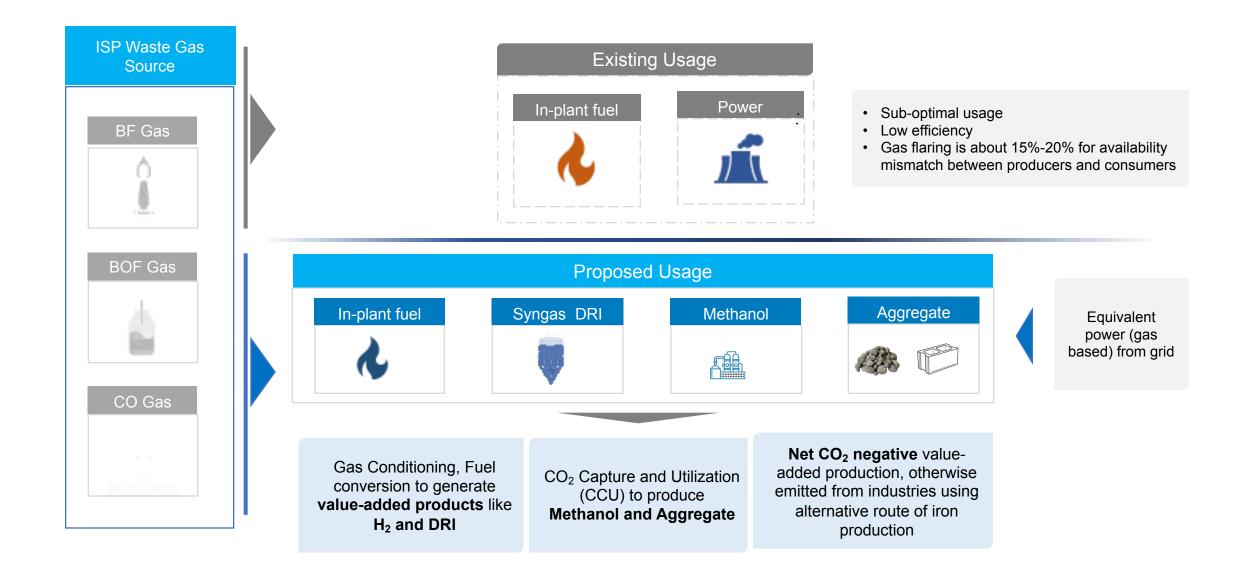




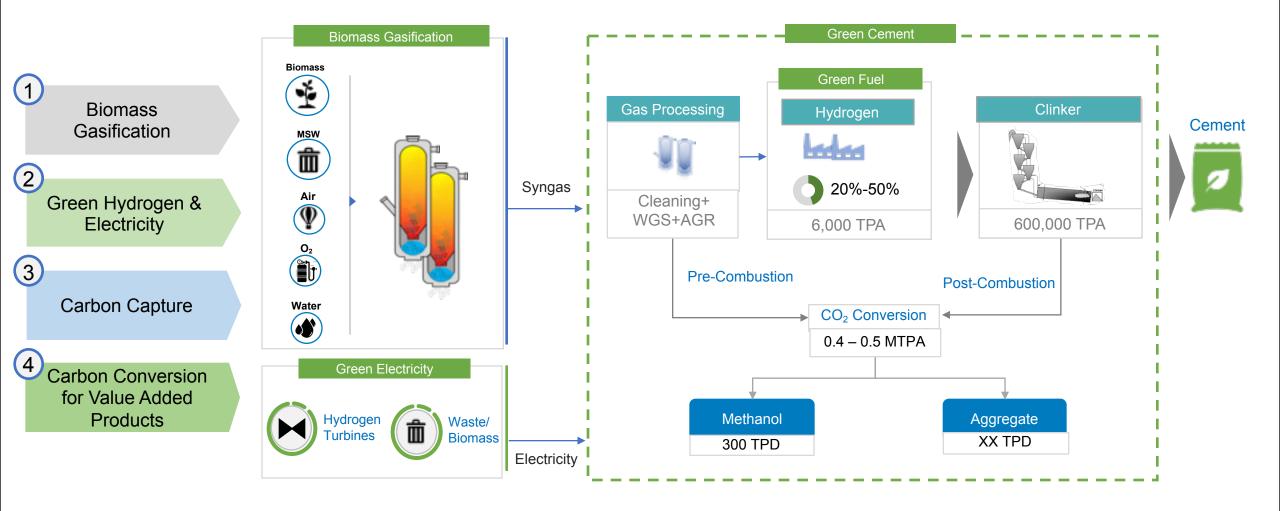










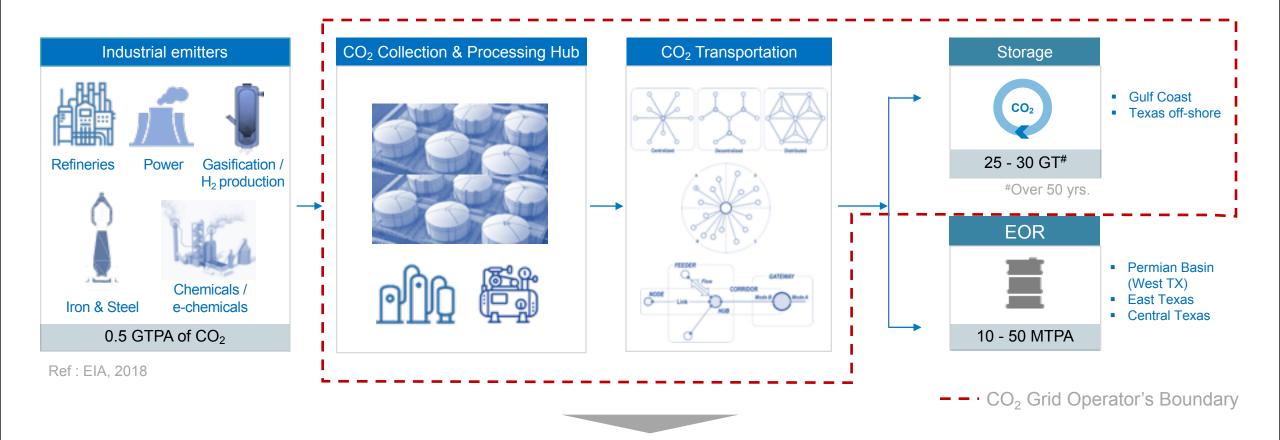


Source: Dastur Research, IEA

Considering clinker factor of around 0.6, clinker production for 3 mtpa cement is estimated to 1.8 mtpa
Hydrogen consumption calculated as 20 kg per tonne of clinker based on equivalent energy consumption
Energy consumption has been calculated at benchmark parameter (BAT) of 2.7 MMBtu per tonne of clinker

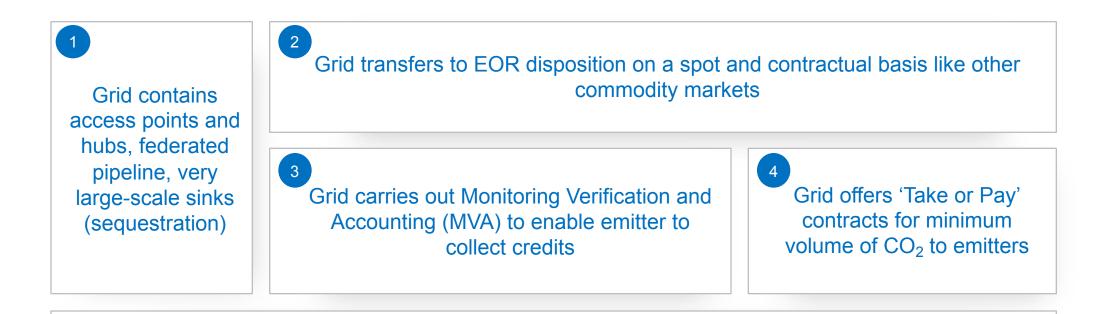
Proprietary & Confidential





Large scale CO₂ collection, aggregation, transport and disposition infrastructure that is economically attractive and operationally seamless for emitters

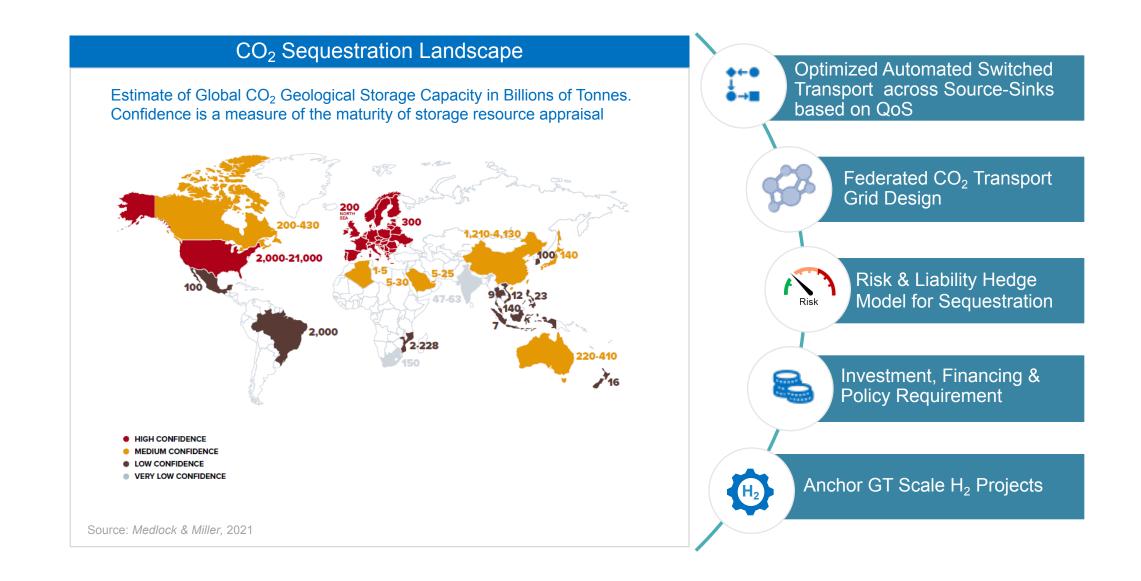




Grid prices in or transfers the operating risks of transport & sequestration away from emitters

5







Parameters Company	Partnership	Competitive Cost Structure	E IP & Knowhow	Systems Approach
DASTUR ENERGY DASTUR	\bigcirc	\bigcirc	\bigcirc	\bigcirc
	\bigcirc	?	?	?
FLUOR	\bigcirc	?	\bigcirc	?
BECHTEL	\bigcirc	?	?	?
Technology Licensors	\bigcirc	?	\bigcirc	?
Management Consultants	\bigcirc	?	?	?

Dastur Energy's Ongoing Research in Energy Transition for the Industry







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