

# Overview of U.S. Carbon Management Projects



CLEAN AIR  
TASK FORCE

After the reform of 45Q in 2018, the interest in carbon management technologies such as capture and direct air capture has been unprecedented. Clean Air Task Force began tracking new project announcements since the 2018 reform in our online [table](#) and [map](#). Currently, the database focuses on the United States and Europe, with a planned expansion to the Middle East and North Africa region this winter.

## Key Metrics and Trends

84

84 total U.S. projects have been announced since 45Q was reformed in 2018 with 51 announced in 2021 alone.



Most projects are located near storage locations; the exception is Midwest ethanol projects, which are moving forward as a result of shared infrastructure in the region.



71% of all projects are planning to store in **dedicated saline storage sites**; likewise 71% of total projects are in the industrial sector.

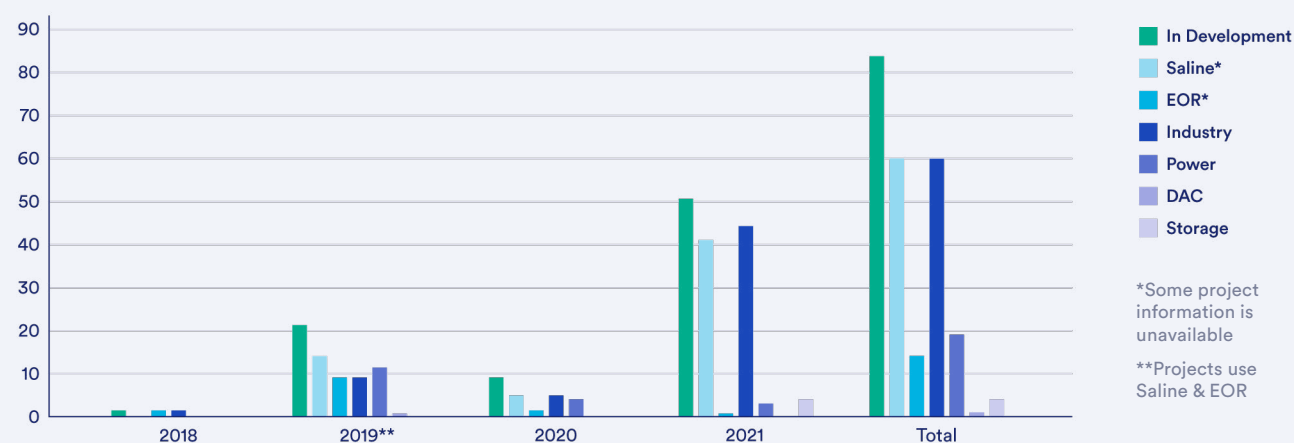


There is **one** Direct Air Capture plant planned at scale.



23% of all projects (19 facilities) are represented in the **power sector**, of which 11 are natural gas plants, 6 coal plants, 1 biomass, and 1 waste-to-energy.

## U.S. Project Overview



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Year	In Development	Saline*	EOR*	Industry	Power	DAC	Storage
2018	2		2	2			
2019**	22	14	9	9	12	1	
2020	9	5	2	5	4		
2021	51	41	1	44	3		4
<b>Total</b>	<b>84</b>	<b>60</b>	<b>14</b>	<b>60</b>	<b>19</b>	<b>1</b>	<b>4</b>

\*Some project information is unavailable \*\*Projects use Saline & EOR

## Project Roundup by State

State*	In Development	Saline*	EOR*	Industry	Power	DAC	Storage
TX	13	2	6	7	4	1	1
IA	12	12		12			
LA	9	5	1	8	1		
IL	7	7		4	2		1
NE	7	6		6	1		
SD	7	7		7			
CA	6	4	1	2	3		1
ND**	6	5	2	4	1		1
MN	5	5		5			
CO	2	1	1	1	1		
MS	2	2		1	1		
WY	2	1	1		2		
IN	1	1		1			
MO	1			1			
NM**	1	1	1		1		

\*Some project information is unavailable \*\*Projects use Saline & EOR