

From: Beth Lawton [REDACTED]@gmail.com>
Sent: Monday, April 22, 2024 11:16 PM
To: Viking CCS Pipeline <Vikingccspipeline@planninginspectorate.gov.uk>
Subject: Carbon Capture pipeline and Pad - Objection

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Dear Sirs,

I was stunned to learn on the local news of plans for a carbon capture pipeline and pad in Theddlethorpe, Lincolnshire.

I strongly object to this project because:

1. This is a greenwashing project - an IEEFA study (Institute for Energy Economics and Financial Analysis - active in Asia, Australia, Europe & North America) reviewed the capacity and performance of 13 flagship projects. They found 10 failed or underperformed against designed capacities. See Figure one.
2. 90% of carbon dioxide emissions are "Scope 3 emissions" - not covered by this capture project.
3. The entire efficacy of the carbon capture and storage process has been called into question by the IPCC (Intergovernmental Panel on Climate Change).
4. Infrastructure will overwhelm the local area
5. Carbon stored below ground can find its way back into the atmosphere.
6. Contamination of ground/sea water is a very real risk.
7. Potential for earthquakes.
8. Lack of community engagement/transparency.

Figure one.



Carbon Capture and Storage (CCS) projects' poor report card

Project	Capacity (MtCO ₂ p.a.)	Performance
Natural Gas processing		
1986 Shute Creek	7	Lifetime under-performance of 36%
1996 Sleipner	0.9	Performing close to the capture capacity
2004 In Salah	1.1	Failed after 7 years of operation
2007 Snøhvit	0.7	Performing close to the capture capacity
2019 Gorgon	4	Lifetime under-performance of ~50%
Industrial sector		
2000 Great Plains	3	Lifetime under-performance of 20-30%
2013 Coffeyville	0.9	No public data was found on the lifetime performance.
2015 Quest	1.1	Performing close to the capture capacity
2016 Abu Dhabi	0.8	No public data was found on the lifetime performance.
2017 Illinois Industrial (IL-CCS)	1	Lifetime under-performance of 45-50%
Power sector		
2014 Kemper	3	Failed to be started
2014 Boundary Dam	1	Lifetime under-performance of ~50%
2017 Petra Nova	1.4	Suspended after 4 years of operation

Source: IEEFA. The Carbon Capture Crucx: Lessons learned. September 2022.

Please send me a reference number to acknowledge my objection.

With regards,

Elizabeth Lawton