



osokey  
unlocking potential

The logo features the word "osokey" in a stylized, lowercase font. Each letter is filled with horizontal green lines of varying lengths, creating a striped effect. Below the word, the tagline "unlocking potential" is written in a simple, lowercase, sans-serif font. The entire logo is centered on a white horizontal band that spans the width of the image. The background above the band is a soft-focus blue sky with light clouds, and the background below is a soft-focus green field, possibly representing grass or foliage.

**Why are we  
duplicating all  
our data?**

## Seismic in the cloud



**Scale:** Scale storage and computation to bigger data sets



**Optimise:** Use serverless technology to optimise cloud costs



**Accelerate:** Automate and parallelise tasks for rapid delivery



**Enhance:** Crowdsource, collaborate and tackle cognitive bias



**Innovate:** Data presented as arrays and images for data science

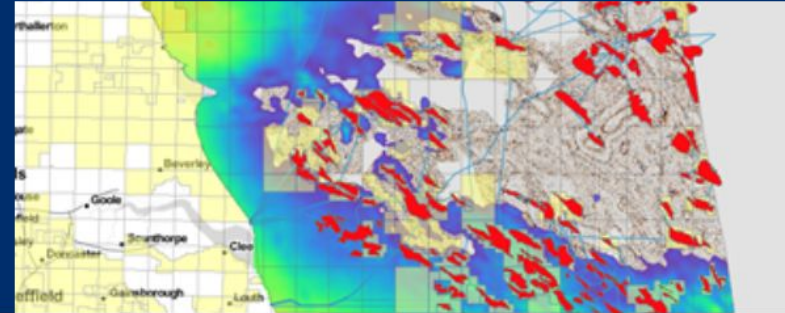
**FREE SEISMIC DATA**

# What's changed for UK seismic data?



Press Release: September 2020

## OGA appoints firm to operate National Data Repository



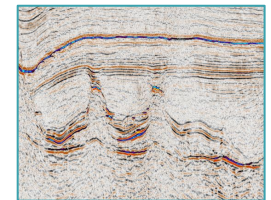
The Oil and Gas Authority (OGA) has today appointed Osokey Ltd. as collaborative partner in developing the [National Data Repository](#) (NDR) platform, as a critical element of the OGA Digital Energy Platform

Osokey, which was awarded the contract following a competitive tender process will now start developing new services to go live in 2021. The service will continue to host a range of essential information including wellbores, geophysical surveys and petroleum infrastructure but will make inputting and accessing information easier for users. The new cloud-based approach will enable the OGA, for the first time, to host all reported information, including considerable volumes of legacy unprocessed seismic data, in our own systems.

# What's changed in the NDR service?

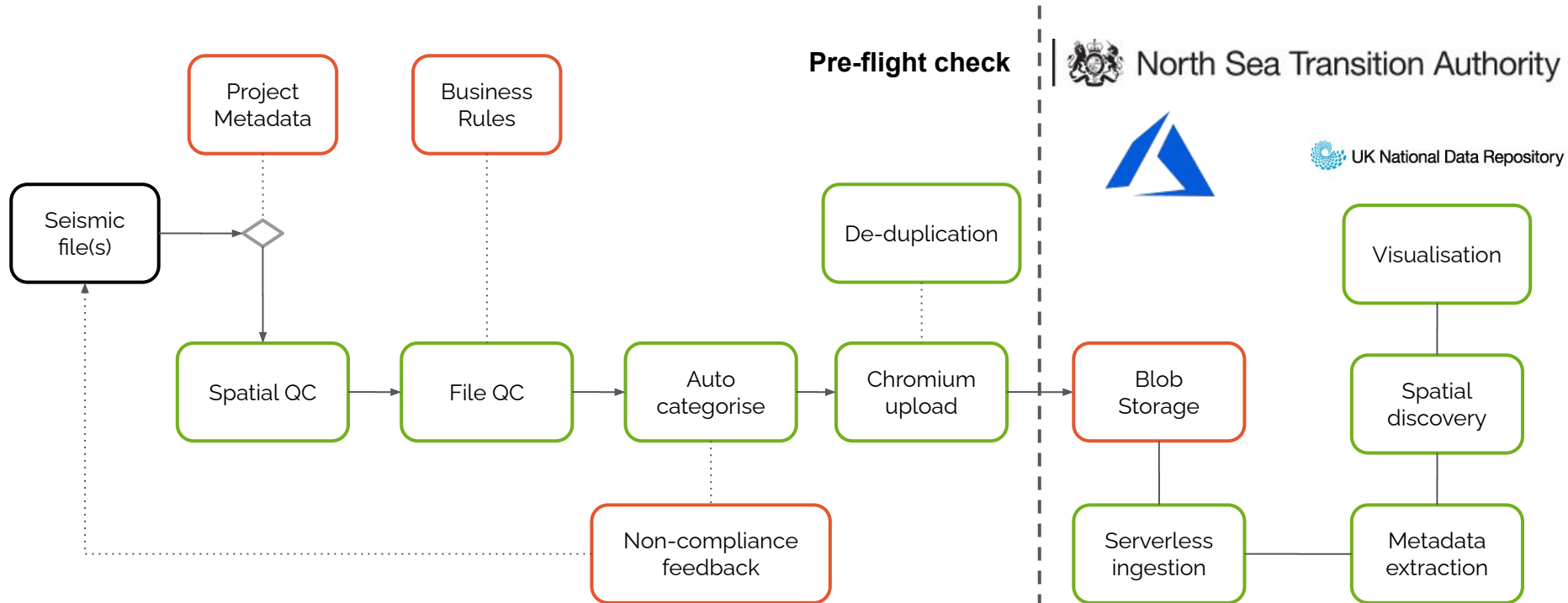


Legacy service (to July 2021)	NDR service (July 2021 to date)
Service provider hosted "on premise" service	Osokey providing a cloud based service
Primary and disaster recovery located on premise in Aberdeen	Primarily located in Azure UK South, disaster recovery located in AWS in Europe
Stand alone System of Reference (SoR) independent of NSTA databases	Service now tightly coupled to NSTA's Well Operations Notification System (WONS)
Seismic reporting via media to support team incurring cost	<b>Self-service seismic reporting free of charge</b>
No visualisation or preview of contents	Preview visualation of reports and seismic
Download basket limited to 20GB	Up to 3TB of download per month for free

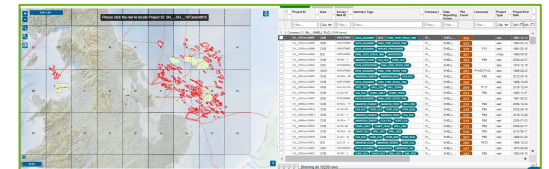


## 3TB FREE

# Enabling self-service seismic reporting




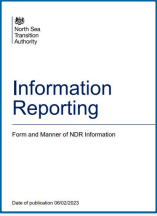
**Data Manager in organisation with  
Licence & Data Reporting responsibility**




# Data lake....not Data swamp

**Input**

 **Access to Chromium**

 **Business Rules**

 **PDF, TIFF, SEGY, LAS, DLIS, P1/90...**

**External data via API**

Project ID	Owner	NDR9	OWID	RDAT	RRLE	LICE	File(s)	PEND	Edited
bp_1988	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...
BP_1988seis0007	BP_	bp882d1011					24	1988-09-30	
BP_1988seis0009	BP_	bp882d2007					17	1988-09-22	
BP_1988seis0005	BP_	bp882d1009					896	1988-08-09	
BP_1988seis0008	BP_	bp882d2002				P5	206	1989-01-11	
BP_1988seis0010	BP_	bp882d2008				P196	30	1988-09-24	
BP_1988seis0011	BP_	bp882d2014					0	1989-11-10	

Showing all 9 rows

**Master Project**

**Creation of new Master Project functionality**

Select CCCC (CID)    Select Year    Select type    Select nnnn (popul...

CCCC YYYY type NNNN

**Data Manager selects files to ingest to Master Project**

# Data lake....not Data swamp

**Input**

**Access to Chromium**

**Business Rules**

**PDF, TIFF, SEG, SEG2, LAS, DLIS, P1/90...**

**External data via API**

Project ID	Owner	NDR9	OWID	RDAT	RRLE	LICE	File(s)	PEND	Edited
bp_1988	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...
BP_1988seis0007	BP_	bp882d1011					24	1988-09-30	
BP_1988seis0009	BP_	bp882d2007					17	1988-09-22	
BP_1988seis0005	BP_	bp882d1009					896	1988-08-09	
BP_1988seis0008	BP_	bp882d2002				P5	206	1989-01-11	
BP_1988seis0010	BP_	bp882d2008				P196	30	1988-09-24	

**Master Project**

Showing all 9 rows

**Creation of new Master Project functionality**

**Spatial QC**

**Pre-flight checks against Business Rules**

Upload	File Information	Compliant	Release Date	User Defined
X	15.20540 Poststack_Final_Migration-Full_BP882D1009-BP88-433_2-Final...	X	2016-12-31	...
X	5.06100 132ughn_FINAL_PSTM_VOLUME_0.sgy (Seismic_upload_me)	X	2016-12-31	...
X	95.79483 MORECAMBE_PSDM_VINT_0.sgy (Seismic_upload_me)	X	2016-12-31	...
X	113.1108 Poststack_Final_Migration-Full-Parts_TT133D0003-Final Migrati...	X	2016-12-31	...
X	4.00608 MORECAMBE_Kirchhoff_FILTER_STACK_T_0.sgy (Seismic_upload_...	X	2016-12-31	...
X	99.91848 132ughn_Fin_Vel_Mod.segy_0.sgy (Seismic_upload_me)	X	2016-12-31	...
X	10.62348 Poststack_Raw_Migration-Raw_BP882D1009-BP88-466-Raw Mig...	X	2016-12-31	...
X	7.03843 Poststack_Final_Migration-Full_BP882D1009-BP88-851-Final Mi...	X	2016-12-31	...
X	1.57058 final_stacks_pickering_w-14_pickering-07_merge_trim_pstm_0...	X	2016-12-31	...

**Auto categorisation on file type if compliant**

**DM feedback on non-compliance**

**Compliant seismic data ready to upload?**



# Data lake....not Data swamp



**Input**

**Access to Chromium**

**Business Rules**

**PDF, TIFF, SEG, SEG2, LAS, DLIS, P1/90...**

**External data via API**

Project ID	Owner	NDR9	OWID	RDAT	RRLE	LICE	File(s)	PEND	Edited
bp_1988	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...	Filter...
BP_1988seis0007	BP_	bp882d1011					24	1988-09-30	
BP_1988seis0009	BP_	bp882d2007					17	1988-09-22	
BP_1988seis0005	BP_	bp882d1009					896	1988-08-09	
BP_1988seis0008	BP_	bp882d2002				P5	206	1989-01-11	
BP_1988seis0010	BP_	bp882d2008				P196	30	1988-09-24	

**Master Project**

Showing all 9 rows

**Creation of new Master Project functionality**

**Spatial QC**

**Pre-flight checks against Business Rules**

**Auto categorisation on file type if compliant**

**DM feedback on non-compliance**

**aws** Disaster Recovery

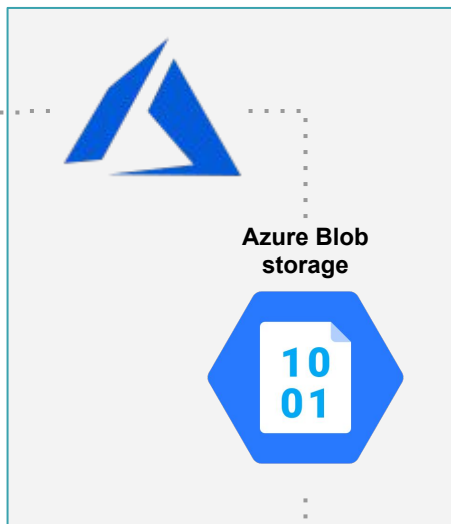
**Azure Blob storage**

1001

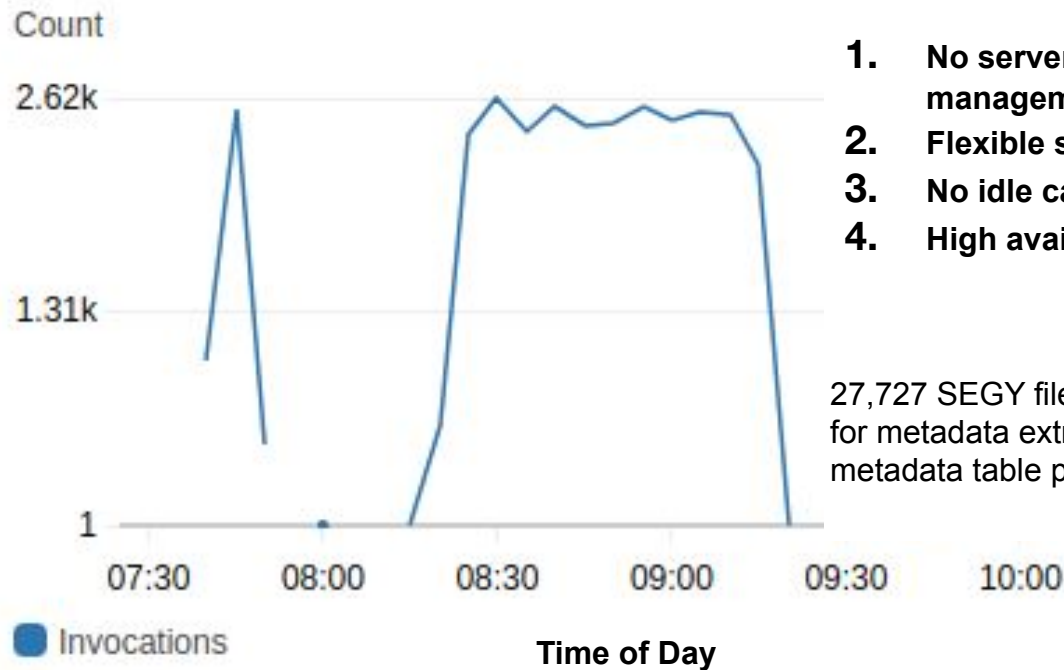
**Azure Functions**

# Seismic ingestion pipeline

 North Sea Transition Authority



## Serverless seismic ingestion



Serverless applications have four characteristics:

1. No server management
2. Flexible scaling
3. No idle capacity
4. High availability

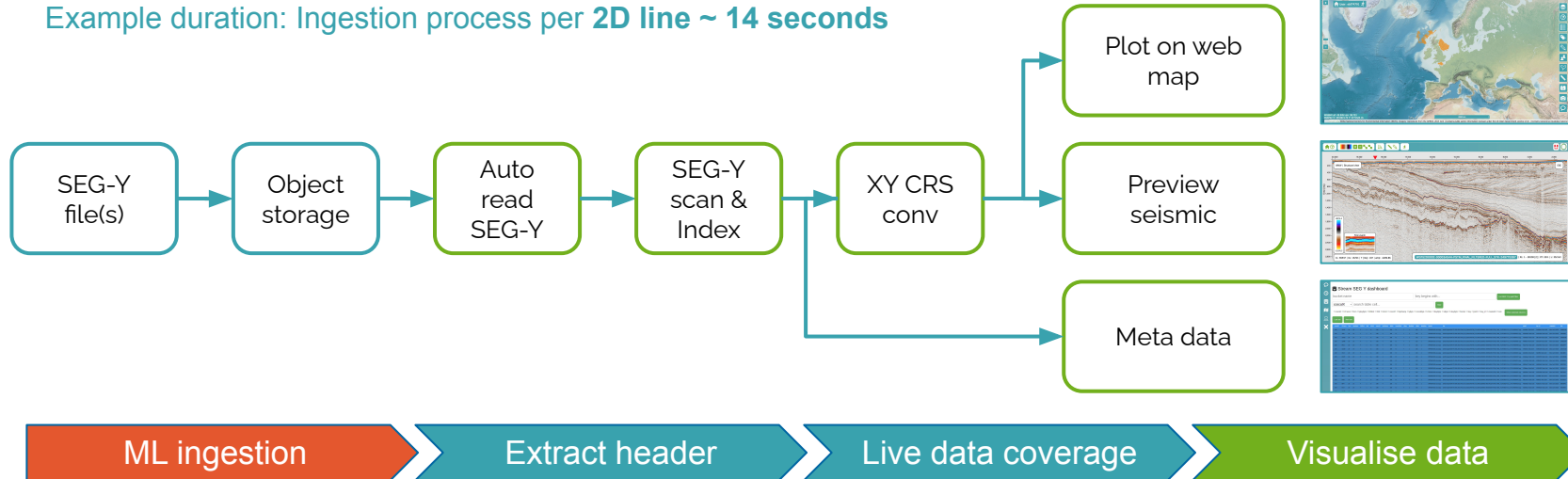
27,727 SEGY files ingested for metadata extraction and metadata table population.

# Machine Learning data ingestion



This can run at **scale** and in **parallel** using Osokey's **serverless** technology

Example duration: Ingestion process per **2D line** ~ **14 seconds**

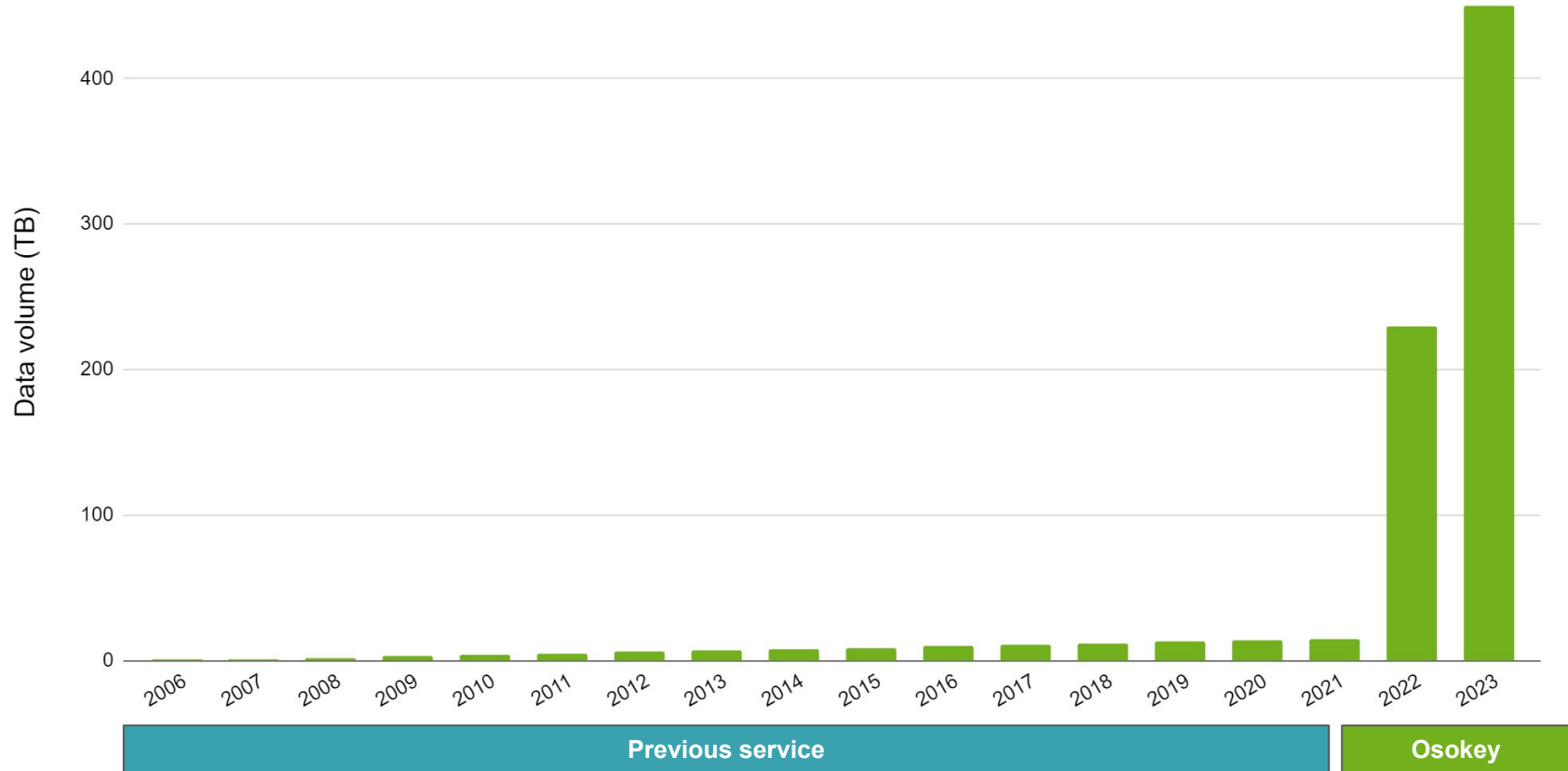


## Recent operator example:

This was deployed on **hundreds of thousands** of files with a **manual intervention rate of less than 1%**.

# Enabling data at scale (March 2023)

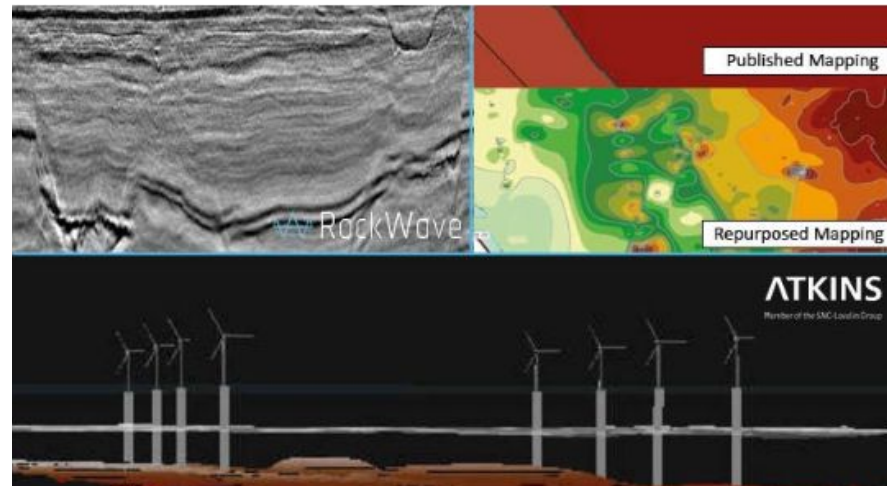
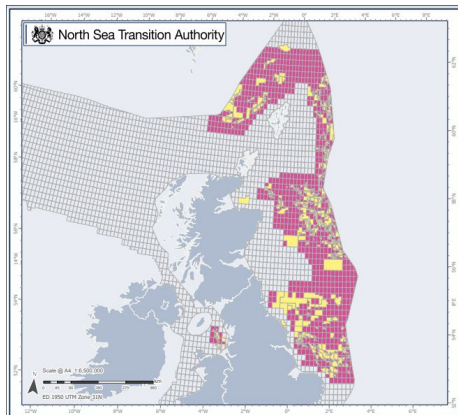
## UK NDR data volume vs Year



# Reusing and Repurposing UK seismic

osokey

70 TB downloaded  
in 3 months  
at start of  
33rd Offshore  
Licensing Round



Investigations off the coast to provide data about potential of deep rocks to host a Geological Disposal Facility (GDF).

From: [Nuclear Waste Services](#)  
Published 29 July 2022



The survey vessel will be carrying specialist acoustic equipment

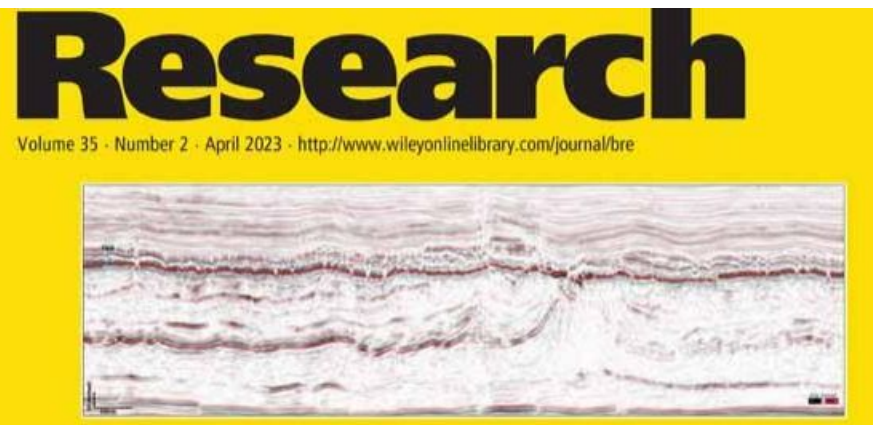
#### Related content

[Our work with radioactive waste producers](#)

[The Siting Process for a Geological Disposal Facility](#)

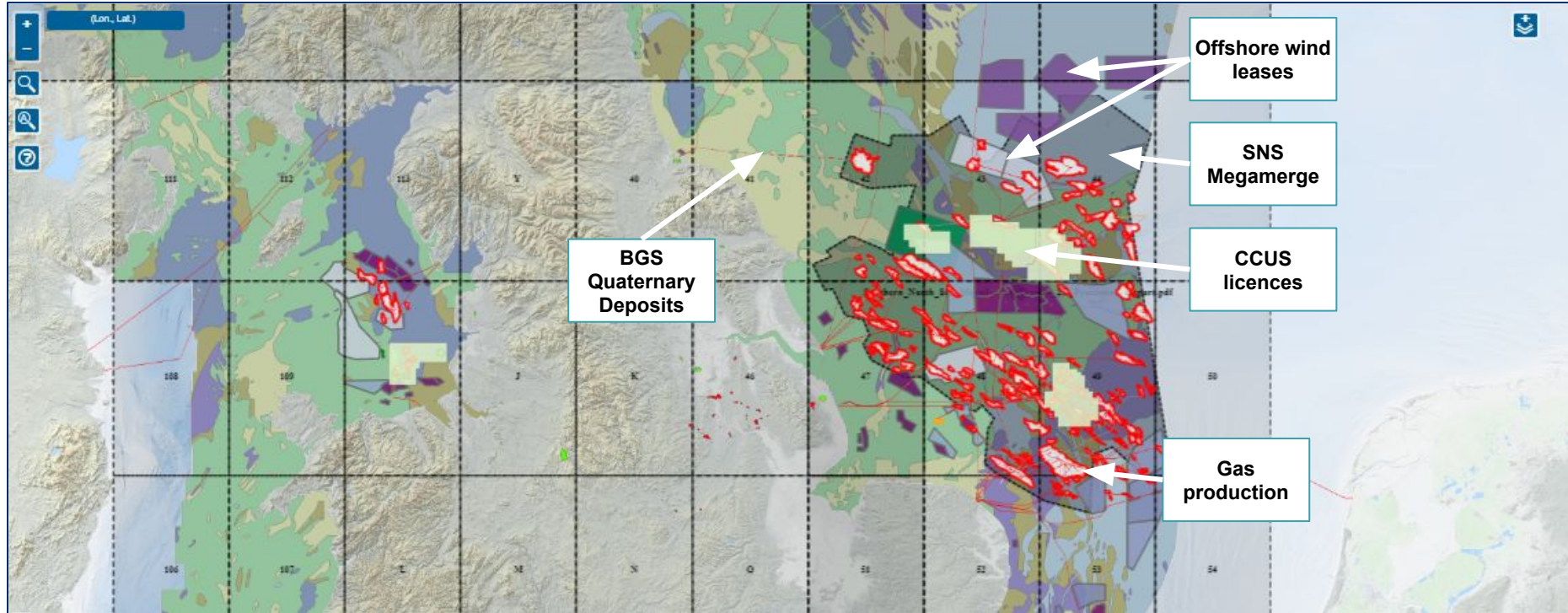
[Communities and GDF](#)

[National Geological Screening for a GDF - further reading](#)



# Data as a national asset

Diverse and overlapping use cases



**FREE SEISMIC DATA**

# How to request seismic data



* ↓	Area ↓	Project Type ↓	Data Reporting Group	Survey / Well ID ↓	Seismic Type ↓	Description ↓	Summary Tags	Released? ↓	Project End Date ↓	Release Date ↓	Company ↓	File Count	Licence(s)	Project Size
<input type="checkbox"/>	NNS	seis	SUNCOR ENERGY INC.	SU133D00...	3D	SUN13001	NAVIGATION	<input checked="" type="checkbox"/>	2013-06-05	2018-01-02	SNCR	1	P104,P193,P...	2.6MB
<input type="checkbox"/>	NNS	seis	TOTALENERGIES UPST...	TT1408NA...	OBS	ALWYN OBN 2014	REPORT_ACQUISITION	<input checked="" type="checkbox"/>	2014-06-17	2019-01-02	TT__	1	P90,P119,P2...	23.97MB
<input type="checkbox"/>	NNS	seis	ENQUEST PLC	BP134D00...	4D	Magnus 2013	NAVIGATION	<input checked="" type="checkbox"/>	2013-07-13	2018-01-02	EQ__	1	P193	2.8KB
<input type="checkbox"/>	NNS	seis	ENQUEST PLC	BP113D00...	3D	MAGNUS OBC	REPORT_ACQUISITION	<input checked="" type="checkbox"/>	2011-08-28	2016-01-02	EQ__	1	P193	46.86MB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH125COT...	4D	F-3068 SCOTER 2012 4D	NAVIGATION	<input checked="" type="checkbox"/>	2012-08-12	2017-01-02	SH__	1	P13,P185	191.98KB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT134D00...	4D	ELGIN FRANKLIN 2D 4D 2013	NAVIGATION	<input checked="" type="checkbox"/>	2013-08-05	2018-01-02	TT__	1	P188,P362,P...	542.54MB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	VL113D00...	OBS	Isabella	NAVIGATION	<input checked="" type="checkbox"/>	2012-05-24	2017-01-02	TT__	1	P1820	2.56KB
<input type="checkbox"/>	NNS	seis	BP EXPLORATION	BP174D00...	4D	kinnoull 4d obn	NAVIGATION	<input checked="" type="checkbox"/>	2018-01-02	2022-01-01	BP__	1	P103	238.56KB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH116GANN...	4D	F-2871 GANNET ABCG 2011 4D	NAVIGATION	<input checked="" type="checkbox"/>	2011-06-13	2016-01-02	SH__	1	P13,P1789,P...	2.93KB
<input type="checkbox"/>	WOS	seis	BP EXPLORATION	BP174D00...	4D	clair ridge uhdobn	NAVIGATION	<input checked="" type="checkbox"/>	2018-01-02	2023-01-02	BP__	1	P165	64.86KB
<input type="checkbox"/>	WOS	seis	TOTALENERGIES UPST...	TT144D00...	4D	LAGGAN 2D 4D OBN 2014	REPORT_ACQUISITION	<input checked="" type="checkbox"/>	2014-10-16	2019-01-02	TT__	1	P911	10.07MB
<input type="checkbox"/>	WOS	seis	TOTALENERGIES UPST...	TT174D00...	4D	LAGGAN TORMORE 4D 2017	NAVIGATION	<input checked="" type="checkbox"/>	2018-01-02	2022-01-01	TT__	1	P911,P1159,...	584.32KB
<input type="checkbox"/>	CNS	seis	ANASURIA OPERATING ...	SH12ANAS...	4D	F-3046 ANASURIA 2012 4D	NAVIGATION	<input checked="" type="checkbox"/>	2012-05-08	2017-01-02	ANAS	1	P13,P185	201.01KB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH106GANN...	4D	F-2810 GANNET 2010 4D	NAVIGATION	<input checked="" type="checkbox"/>	2010-07-23	2015-01-02	SH__	1	P13,P1563	39.58KB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP113D00...	3D	MUNGO WEST OBC	REPORT_ACQUISITION REPORT_PROCESSING	<input checked="" type="checkbox"/>	2011-08-01	2016-01-02	BP__	2	P59	34.29MB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP113D00...	3D	MACHAR OBC	REPORT_ACQUISITION REPORT_PROCESSING	<input checked="" type="checkbox"/>	2011-06-11	2016-01-02	BP__	2	P57	26.12MB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT154D00...	4D	ELGIN FRANKLIN 2D 4D 2015	NAVIGATION REPORT_ACQUISITION	<input checked="" type="checkbox"/>	2015-08-10	2020-01-02	TT__	2	P188,P362,P...	1.3GB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT144D00...	4D	ELGIN FRANKLIN 2D 4D 2014	NAVIGATION REPORT_ACQUISITION	<input checked="" type="checkbox"/>	2014-08-15	2019-01-02	TT__	2	P188,P362,P...	567.9MB
<input type="checkbox"/>	NNS	seis	NORTH SEA TRANSITIO...	L822MM00...	3D	Northern North Sea post-stack merg...	FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>	2022-06-01	2022-09-23	OA__	2	P9999	274.72GB
<input type="checkbox"/>	WOS	seis	NORTH SEA TRANSITIO...	L822MM00...	3D	Faroe Shetland Basin (UK) - post st...	FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>	2022-06-01	2022-09-30	OA__	2	P9999	422.41GB
<input type="checkbox"/>	CNS	seis	NORTH SEA TRANSITIO...	L822MM00...	3D	Outer Moray Firth post-stack merge...	FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>	2022-06-01	2022-09-16	OA__	2	P9999	299.54GB
<input type="checkbox"/>	CNS	seis	NORTH SEA TRANSITIO...	L822MM00...	3D	Central North Sea post-stack merge...	FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>	2022-06-01	2022-09-07	OA__	2	P9999	429.89GB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP103D00...	3D	UK2801: MUNGO EAST OBC	NAVIGATION REPORT_ACQUISITION ...	<input checked="" type="checkbox"/>	2010-11-07	2015-01-02	BP__	3	P59,E387	59.01MB

Showing all 86 rows

Support



# How to request seismic data

## Real world example: UK CNS, Isabella OBS

2012

2017

Prod.

	Area	Project Type	Data Reporting Group	Survey / Well ID	Seismic Type	Description	Summary Tags	Released?	Project End Date	Release Date	Company	File Count	Licence(s)	Project Size
	Clear	Seisn	Filter...	Filter...	Clear	Filter...	Filter...		010 dd/ dd/ dd/	Filter...		Filter...		
<input type="checkbox"/>	NNS	seis	SUNCOR ENERGY INC.	SU133000...	3D	SUN13001	NAVIGATION		2013-06-05	2018-01-02	SNCR	1	P104,P193,P...	2.6MB
<input type="checkbox"/>	NNS	seis	TOTALENERGIES UPST...	TT1408NA...	OBS	ALWYN OBN 2014	REPORT_ACQUISITION		2014-06-17	2019-01-02	TT__	1	P90,P119,P2...	23.97MB
<input type="checkbox"/>	NNS	seis	ENQUEST PLC	BP134D00...	4D	Magnus 2013	NAVIGATION		2013-07-13	2018-01-02	EQ__	1	P193	2.8KB
<input type="checkbox"/>	NNS	seis	ENQUEST PLC	BP113D00...	3D	MAGNUS OBC	REPORT_ACQUISITION		2011-08-28	2016-01-02	EQ__	1	P193	46.86MB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH125COT...	4D	F-3068 SCOTER 2012 4D	NAVIGATION		2012-08-12	2017-01-02	SH__	1	P13,P185	191.98KB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT134D00...	4D	ELGIN FRANKLIN 2D 4D 2013	NAVIGATION		2013-08-05	2018-01-02	TT__	1	P188,P362,P...	542.54MB
<input checked="" type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	VL113D00...	OBS	Isabella	NAVIGATION		2012-05-24	2017-01-02	TT__	1	P1820	2.56KB
<input type="checkbox"/>	NNS	seis	BP EXPLORATION	BP174D00...	4D	kinnoull 4d obn	NAVIGATION		2018-01-02	2022-01-01	BP__	1	P103	238.56KB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH116ANN...	4D	F-2871 GANNET ABCG 2011 4D	NAVIGATION		2011-06-13	2016-01-02	SH__	1	P13,P1789,P...	2.93KB
<input type="checkbox"/>	WOS	seis	BP EXPLORATION	BP174D00...	4D	clair ridge uhdobn	NAVIGATION		2018-01-02	2023-01-02	BP__	1	P165	64.86KB
<input type="checkbox"/>	WOS	seis	TOTALENERGIES UPST...	TT144D00...	4D	LAGGAN 2D 4D OBN 2014	REPORT_ACQUISITION		2014-10-16	2019-01-02	TT__	1	P911	10.07MB
<input type="checkbox"/>	WOS	seis	TOTALENERGIES UPST...	TT174D00...	4D	LAGGAN TORMORE 4D 2017	NAVIGATION		2018-01-02	2022-01-01	TT__	1	P911,P1159,...	584.32KB
<input type="checkbox"/>	CNS	seis	ANASURIA OPERATING ...	SH12ANAS...	4D	F-3046 ANASURIA 2012 4D	NAVIGATION		2012-05-08	2017-01-02	ANAS	1	P13,P185	201.01KB
<input type="checkbox"/>	CNS	seis	SHELL PLC	SH106ANN...	4D	F-2810 GANNET 2010 4D	NAVIGATION					1	P13,P1563	39.58KB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP113D00...	3D	MUNGO WEST OBC	REPORT_ACQUISITION REPORT_PROCESSING					2	P59	34.29MB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP113D00...	3D	MACHAR OBC	REPORT_ACQUISITION REPORT_PROCESSING					2	P57	26.12MB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT154D00...	4D	ELGIN FRANKLIN 2D 4D 2015	NAVIGATION REPORT_ACQUISITION					2	P188,P362,P...	1.3GB
<input type="checkbox"/>	CNS	seis	TOTALENERGIES UPST...	TT144D00...	4D	ELGIN FRANKLIN 2D 4D 2014	NAVIGATION REPORT_ACQUISITION					2	P188,P362,P...	567.9MB
<input type="checkbox"/>	NNS	seis	NORTH SEA TRANSITIO...	LB22M000...	3D	Northern North Sea post-stack merg...	FINAL_POST_STACK_TIME					2	P9999	274.72GB
<input type="checkbox"/>	WOS	seis	NORTH SEA TRANSITIO...	LB22M000...	3D	Faroe Shetland Basin (UK) - post st...	FINAL_POST_STACK_TIME		2022-06-01	2022-09-30	OR__	2	P9999	422.41GB
<input type="checkbox"/>	CNS	seis	NORTH SEA TRANSITIO...	LB22M000...	3D	Outer Moray Firth post-stack merge...	FINAL_POST_STACK_TIME		2022-06-01	2022-09-16	OA__	2	P9999	299.54GB
<input type="checkbox"/>	CNS	seis	NORTH SEA TRANSITIO...	LB22M000...	3D	Central North Sea post-stack merge...	FINAL_POST_STACK_TIME		2022-06-01	2022-09-07	OA__	2	P9999	429.89GB
<input type="checkbox"/>	CNS	seis	BP EXPLORATION	BP103D00...	3D	UK2801: MUNGO EAST OBC	NAVIGATION REPORT_ACQUISITION		2010-11-07	2015-01-02	BP__	3	P59,E387	59.01MB

Click the file count to request data

# How to request seismic data



## Select, describe and submit your request

### Submit Data Request for Project ID, VL\_\_2011seis0001 (VL113D0001)

Please use this form to submit a Data Request. Your request will be considered by the NSTA Data Compliance Team. An approved request will be issued to the responsible persons with the expectation that the matter should be resolved usually within 28 days of the NSTA request. The NSTA does not guarantee that the requested data will be made available. [Show Guidance +](#)

C Tag	Request	Available	Unavailable	Not Acquired	C Tag	Request	Available	Unavailable	Not Acquired
<b>SEISMIC REPORTS:</b>									
REPORT_PROCESSING	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	REPORT_ACQUISITION	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
REPORT_INTERPRETATION	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>SURVEY ACQUISITION DATA:</b>									
NAVIGATION	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	DATA_ACQUIRED	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
OBSERVER_LOG	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	IMAGE	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
DATA_SUPPORTING	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>PRE STACK DATA (TIME):</b>									
GATHERS_RAW_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	GATHERS_FINAL_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>PRE STACK DATA (DEPTH):</b>									
GATHERS_RAW_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	GATHERS_FINAL_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>POST STACK DATA (TIME):</b>									
FINAL_POST_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	POST_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
ANGLE_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	OFFSET_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
INVERSION_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	VELOCITY_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>POST STACK DATA (DEPTH):</b>									
FINAL_POST_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	POST_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
ANGLE_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	OFFSET_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
INVERSION_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	VELOCITY_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>INTERPRETATION DATA:</b>									
HORIZON	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					

# How to request seismic data

## Select, describe and submit your request

C Tag	Request	Available	Unavailable	Not Acquired	C Tag	Request	Available	Unavailable	Not Acquired
<b>SEISMIC REPORTS:</b>									
REPORT_PROCESSING	<input checked="" type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	REPORT_ACQUISITION	<input checked="" type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
REPORT_INTERPRETATION	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>SURVEY ACQUISITION DATA:</b>									
NAVIGATION	<input type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	DATA_ACQUIRED	<input checked="" type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
OBSERVER_LOG	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	IMAGE	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
DATA_SUPPORTING	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>PRE STACK DATA (TIME):</b>									
GATHERS_RAW_TIME	<input checked="" type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	GATHERS_FINAL_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>PRE STACK DATA (DEPTH):</b>									
GATHERS_RAW_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	GATHERS_FINAL_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>POST STACK DATA (TIME):</b>									
FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	POST_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
ANGLE_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	OFFSET_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
INVERSION_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	VELOCITY_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>POST STACK DATA (DEPTH):</b>									
FINAL_POST_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	POST_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
ANGLE_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	OFFSET_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
INVERSION_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	VELOCITY_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>INTERPRETATION DATA:</b>									
HORIZON	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					

I would like to reprocess this data for CCS potential use case therefore processing report and field data + pre-stack would be really helpful please!

Submit

# How to request seismic data

Data requests are reviewed by NSTA team

## Information Message

Your request for data has been submitted. The NSTA Data Compliance Team will review your request. You should receive a summary notification by email.

NAVIGATION	<input type="checkbox"/>								
OBSERVER_LOG	<input type="checkbox"/>								
DATA_SUPPORTING	<input type="checkbox"/>								
<b>PRE STACK DATA (TIME):</b>									
GATHERS_RAW_TIME	<input checked="" type="checkbox"/>								
GATHERS_FINAL_TIME	<input type="checkbox"/>								
<b>PRE STACK DATA (DEPTH):</b>									
GATHERS_RAW_DEPTH	<input type="checkbox"/>								
GATHERS_FINAL_DEPTH	<input type="checkbox"/>								
<b>POST STACK DATA (TIME):</b>									
FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>								
ANGLE_STACK_TIME	<input type="checkbox"/>								
INVERSION_TIME	<input type="checkbox"/>								
<b>POST STACK DATA (DEPTH):</b>									
FINAL_POST_STACK_DEPTH	<input type="checkbox"/>								
ANGLE_STACK_DEPTH	<input type="checkbox"/>								
INVERSION_DEPTH	<input type="checkbox"/>								
<b>INTERPRETATION DATA:</b>									
HORIZON	<input type="checkbox"/>								

I would like to reprocess this data for CCS potential use case therefore processing report and field data + pre-stack would be really helpful please!

Submit

# How to request seismic data

An approved request can be fulfilled multiple ways

C Tag	Request	Available	Unavailable	Not Acquired	C Tag	Request	Available	Unavailable	Not Acquired
<b>SEISMIC REPORTS:</b>									
REPORT_PROCESSING	<input checked="" type="checkbox"/>	<span style="color: green;">●</span>	<input type="radio"/>	<input type="radio"/>	REPORT_ACQUISITION	<input checked="" type="checkbox"/>		<input checked="" type="radio"/>	<input type="radio"/>
REPORT_INTERPRETATION	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>SURVEY ACQUISITION DATA:</b>									
NAVIGATION	<input type="checkbox"/>	<span style="color: black;">●</span>	<input type="radio"/>	<input type="radio"/>	DATA_ACQUIRED	<input checked="" type="checkbox"/>		<input type="radio"/>	<input checked="" type="radio"/>
OBSERVER_LOG	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	IMAGE	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
DATA_SUPPORTING	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>PRE STACK DATA (TIME):</b>									
GATHERS_RAW_TIME	<input checked="" type="checkbox"/>		<input type="radio"/>	<input checked="" type="radio"/>	GATHERS_FINAL_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>PRE STACK DATA (DEPTH):</b>									
GATHERS_RAW_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>	GATHERS_FINAL_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>
<b>POST STACK DATA (TIME):</b>									
FINAL_POST_STACK_TIME	<input checked="" type="checkbox"/>	<span style="color: green;">●</span>	<input type="radio"/>	<input type="radio"/>					
ANGLE_STACK_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
INVERSION_TIME	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>POST STACK DATA (DEPTH):</b>									
FINAL_POST_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
ANGLE_STACK_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
INVERSION_DEPTH	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					
<b>INTERPRETATION DATA:</b>									
HORIZON	<input type="checkbox"/>		<input type="radio"/>	<input type="radio"/>					

**Requests can be fulfilled through:**

- Data loading
- Data reclassification
- Data inventory management

I would like to reprocess this data for CCS potential use case therefore processing report and field data + pre-stack would be really helpful please!

**Submit**

# Data discovery and preview in the NDR



UK National Data Repository

Edit Profile Sign-out Support Centre

Home Data Discovery Session Basket Your Downloads Data Submission Manage Feedback

Data Discovery Show Guidance +

Reset Settings to Defaults

Overview Map

Show Layers Menu

Project IDs Table

Show Unreported Project IDs Fit Width Reset Height Fit Columns

Hide Map

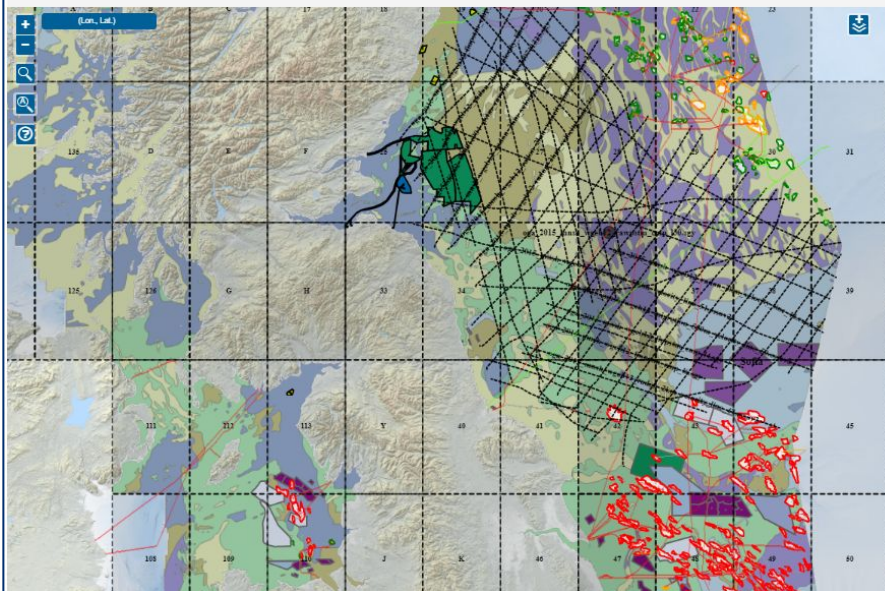
Reset Zoom Fit Width Reset Height

Collapse Groups Clear Groups Clear Filters

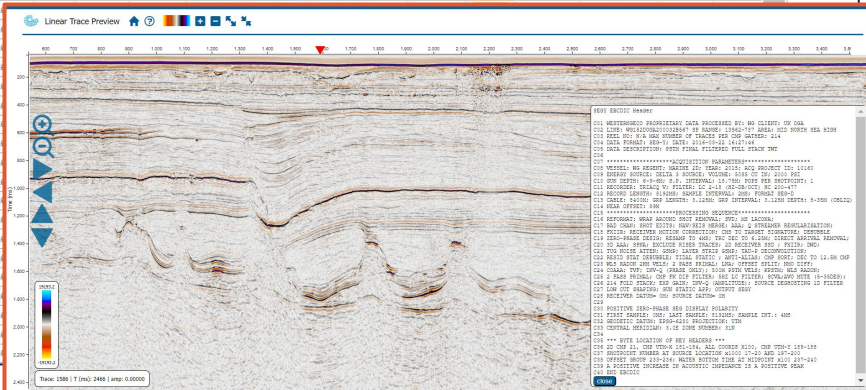
Show Selected Clear Selected

Add well columns Export CSV View Files

View Company Undisclosed Project IDs

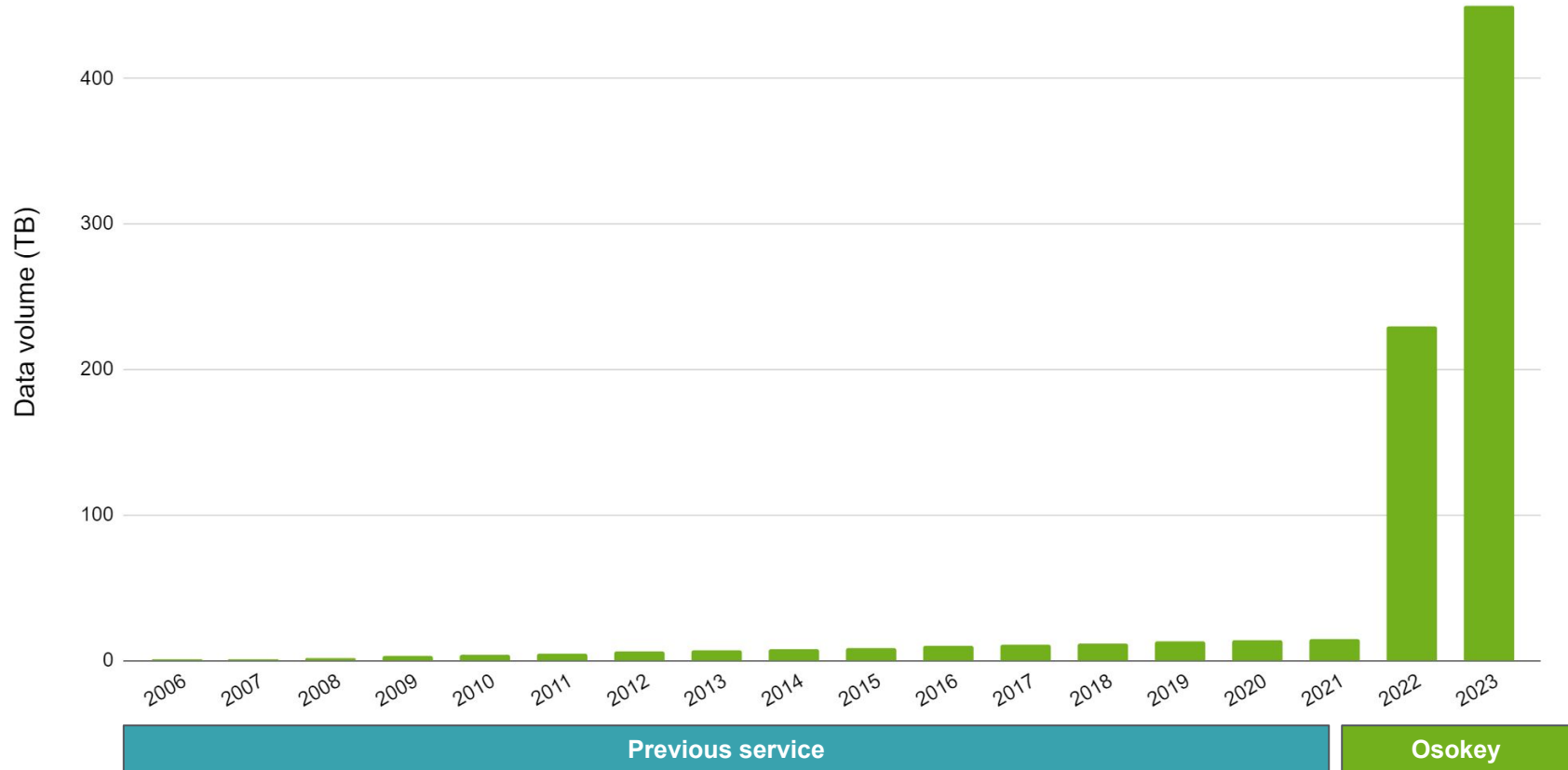


Project ID	Area	Release	Survey / Well ID	Summary Tags	Data Reporting Group	File Count	Company	Licence(s)	Project Type	Project End Date
HARB2008we110028	CNS	23/21-62	OCA_FILE CORE_OCA CSHOT_FILE	HARBO...	288	HARB	P101	well	2008-07-1	
HARB1987we110008	CNS	23/21-72	CORE_OCA CORE_SCAL DRILL_DEV	HARBO...	216	HARB	P101	well	1987-12-2	
HARB1991we110028	CNS	23/21-73	CORE_OCA CORE_SCAL DRILL_DEV	HARBO...	196	HARB	P101	well	1991-07-1	
HARB1991we110026	CNS	23/21-75	OCA_FILE CORE_OCA CORE_SCAL	HARBO...	181	HARB	P101	well	1991-10-0	
SH_2015we110006	CNS	23/21a-8	CSHOT_FILE DRILL_DEV DRILL_GEN	SHELL...	168	SH	P101	well	2015-08-0	
HARB1992we110021	CNS	23/21-78	OCA_FILE CORE_OCA CORE_SCAL	HARBO...	156	HARB	P101	well	1992-01-1	
HARB2009we110019	CNS	23/21-7	OCA_FILE DRILL_GEN DRILL_EDMR	HARBO...	150	HARB	P101	well	2009-01-0	
HARB1991we110025	CNS	23/21-76	DRILL_DEV DRILL_EDMR GEOL_MUD	HARBO...	137	HARB	P101	well	1991-11-1	
HARB1984we11										
HARB2009we11										
HARB1974we11										
HARB1991we11										
HARB2008we11										
HARB1972we11										
HARB2009we11										
HARB1991we11										
HARB1975we11										
HARB2008we11										
HARB2008we11										
HARB1975we11										
HARB2013we11										
HARB1984we11										
HARB2013we11										
HARB2008we11										
HARB2009we11										
HARB1984we11										
SER12006we11										



# Enabling data at scale (March 2023)

## UK NDR data volume vs Year





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