



Oil & Gas
Authority

Welcome

Digital Transformation at the Oil & Gas Authority

John Seabourn, Chief Digital Officer
Tanya Knowles, Head of Digital Services

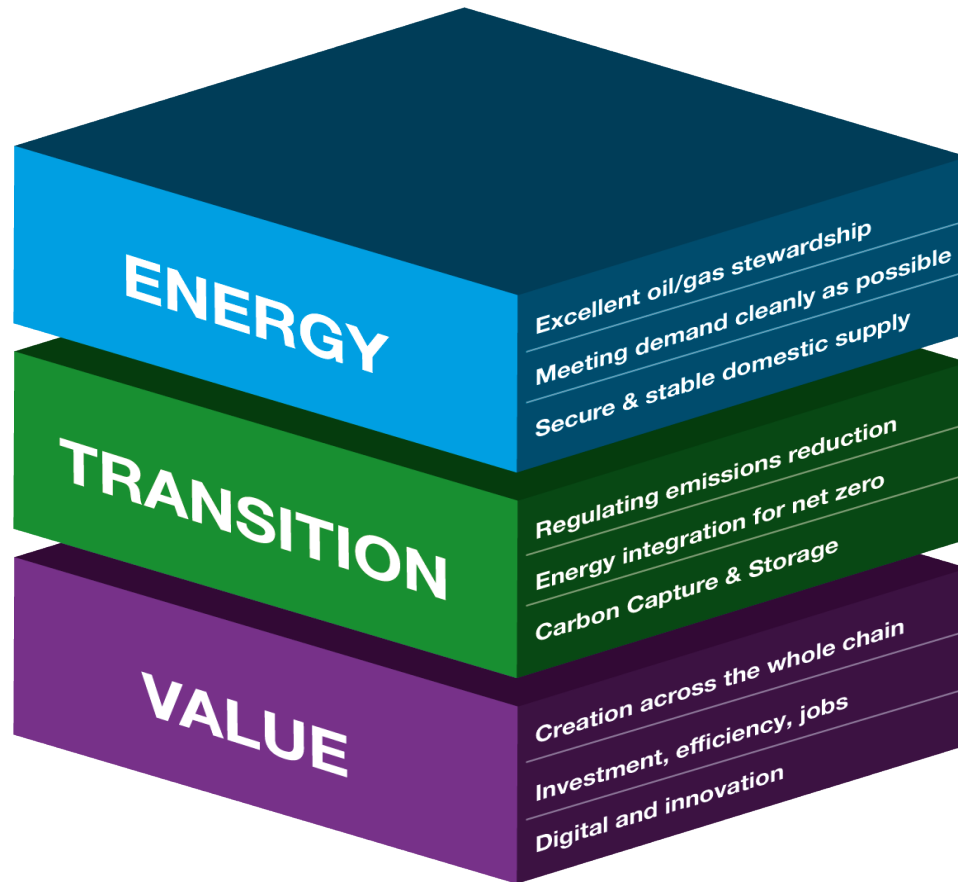
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OGA's role



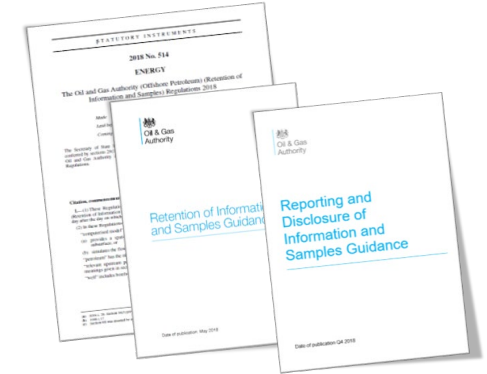
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Strategic Vision Digital Strategies



Powers Energy Act 2016 Petroleum Act 1998



Early Action Open data, NDR, website & access to data



Early Outcomes Improved compliance, benchmarking & data quality



Creating value through strategic approach and focused action

Power of data and digital



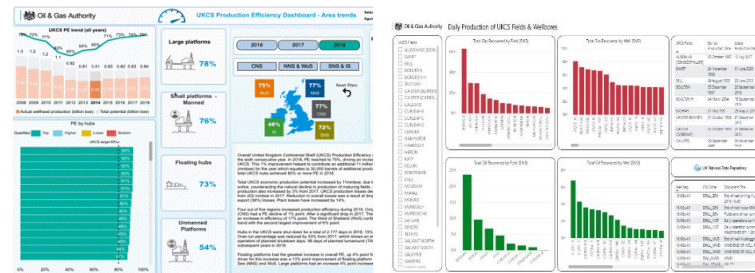
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Digital Energy Platform

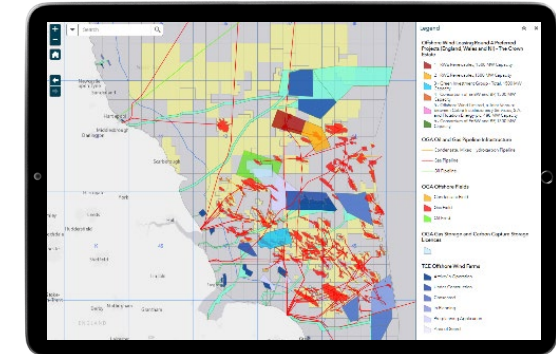
- Public access
- Downloadable data
- Cloud based
- Integrated with other data sources
- Authoritative

Insights

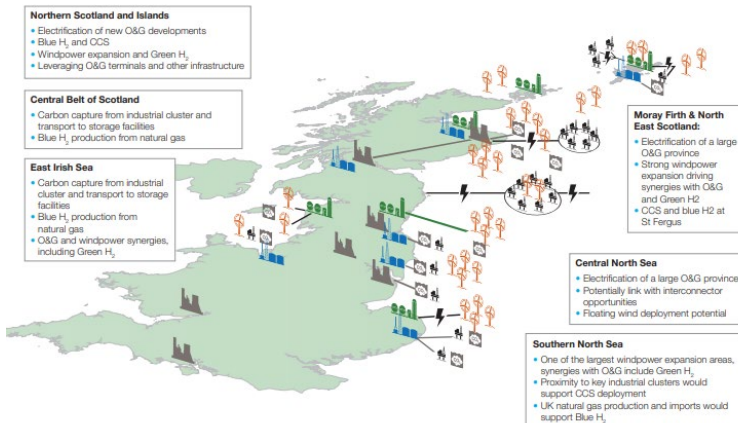
Benchmarking and open data to encourage positive action



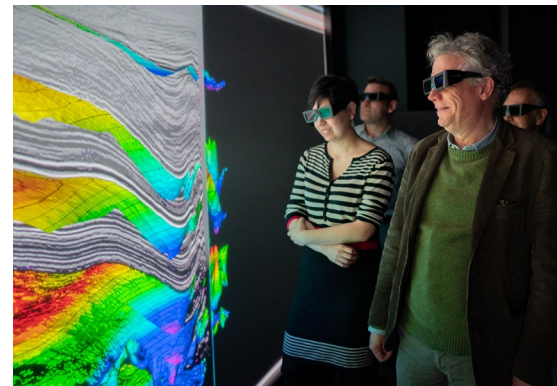
Geographic Information Systems (GIS)



Energy transition & integration



Exploration

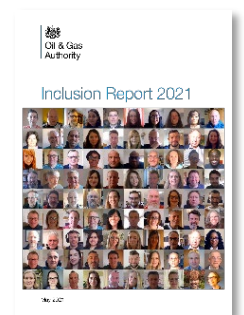


Hydrocarbons & CCS

Transparency



Energy Pathfinder



Inclusion

Digital excellence unlocking numerous insights and opportunities

The foundations for digital change



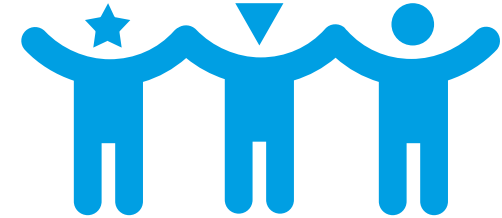
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The Mandate
The Wood Review (2014)



The Powers
The Energy Act 2016
The Petroleum Act 1998



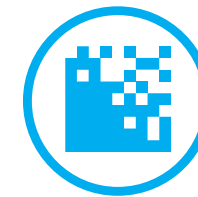
The Team
Digital, Data & Policy



The Early Action
Open data, NDR, website &
access to data



The Early Outcomes
Improved compliance,
benchmarking & data quality



The Strategic Vision
Digital Strategy (2020)

The OGA became a catalyst for digital change

OGA Digital Strategy



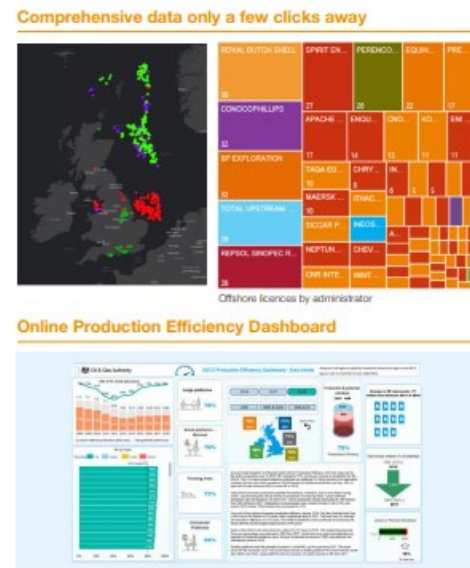
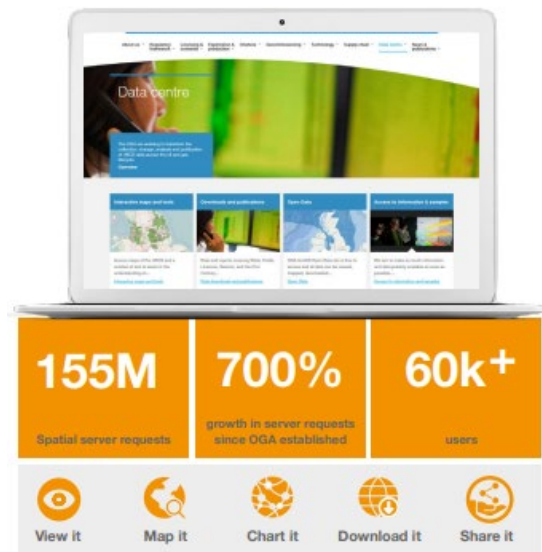
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To create value for the OGA, industry and stakeholders by delivering digital, data and technology excellence

Five Pillars

- People, skills & culture
- Transform access to information
- Analytics & intelligence
- Collaborate, partner & assure
- Influence & promote

OGA Digital Strategy 2020- 2025

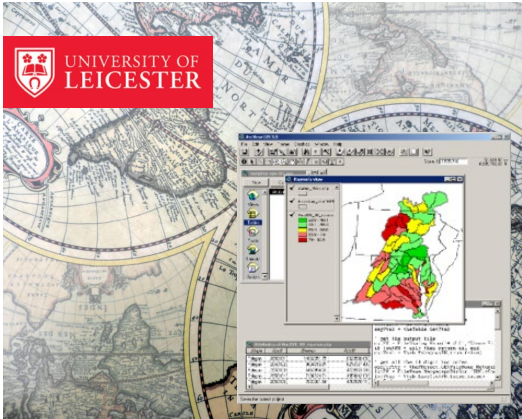


To make digital, data and technology work for everyone to deliver MER

How did I get here?



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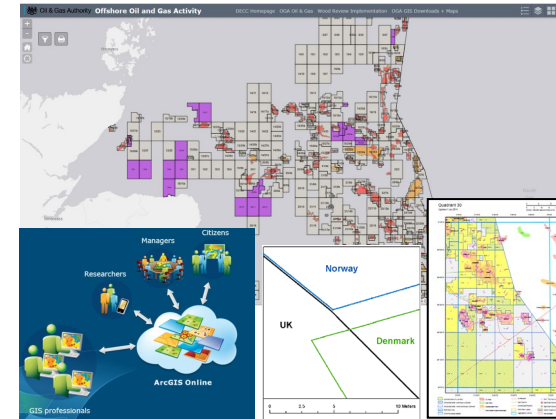
No idea what to do!

- I liked geography and computing (I still do!)
- Turns out I found Geology quite interesting too
- BSc Geography/Geology



I like spatial problems

- MOD (twice) as a Geospatial Analyst. Ensuring frontline forces had high quality situational awareness
- NATS as an Air Traffic Controller. Probably the quickest spatial problem you'll find



An amazing industry

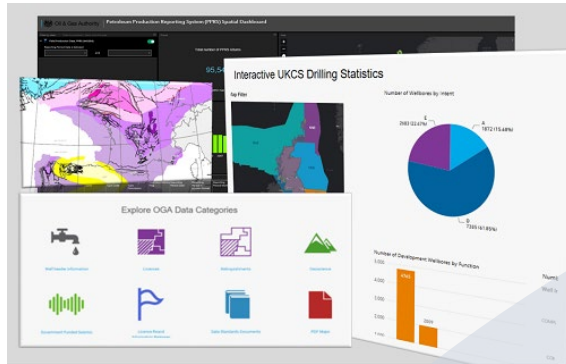
- DECC (2014) as GIS manager. Began to develop GIS capability (pdf and shapefile)
- DECC to OGA ensured we rooted GIS in our website, people and general decision making



Beyond the spatial

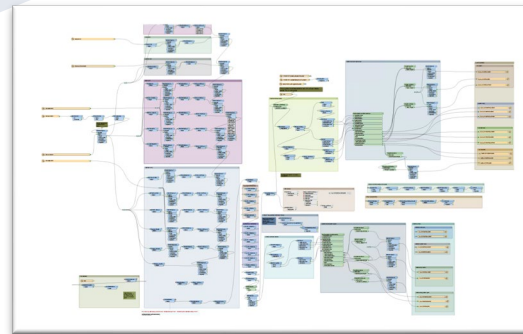
- OGA Head of Digital Services. Built team to deliver digital/data change
- OGA Chief Digital Officer. Ultimately responsible for our digital/data strategy and implementation

Spatial as a career foundation



2017

2018

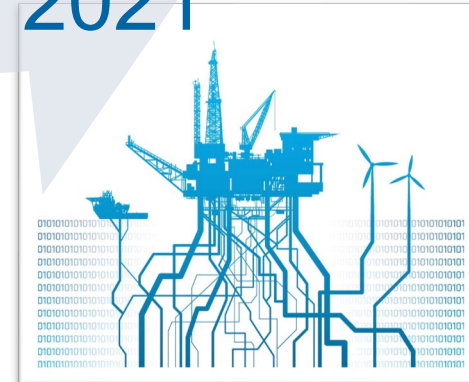


2019



2020

2021





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Q&A

Digital Transformation at the Oil & Gas Authority

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