



# Efficient identification of solutions for today's challenges

[TechnologyCatalogue.com](https://TechnologyCatalogue.com)



**ERIK NIJVELD**

**CEO**

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Co-Founded TechnologyCatalogue.com in 2018

Previous roles at Shell (1998-2018):

- Technology Deployment Manager, Netherlands
- Technology Interface Manager, Sour Gas Centre of Expertise, Netherlands
- Technology Advisor, New Business Development, Abu Dhabi
- Wells Technology Deployment Lead, Malaysia
- Wells Research Engineer, Netherlands

Before Shell (1995-1998):

- Research engineer at Tata Steel, Netherlands
- Research fellow at Ecole des Mines de Paris, France

# The world needs affordable, reliable, sustainable energy

The world's energy needs will be delivered through a mix of conventional and renewable energy sources.



# Developing and operating energy assets is challenging



In order to meet the energy needs, it is critical to make the most of existing assets, and to develop new ones effectively.

This comes with many challenges, such as:



Working towards Net Zero while maintaining production levels & remaining profitable.

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Accelerating the digital transformation, including effective usage of AI.

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Managing workforce health and safety during the energy transition.

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Professionals are constantly searching for technologies to address the challenges.

# But how to identify the right technologies for technical challenges?

There are thousands of solutions out there waiting to get noticed and deployed... Specific pains that people experience include:

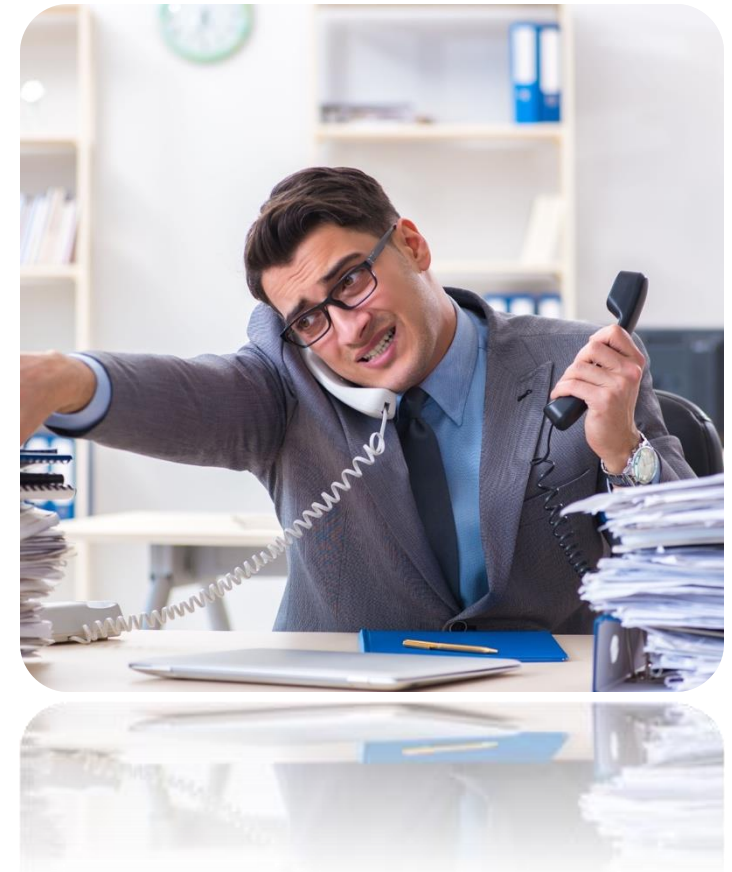


**The time and cost for all of the above when seeking help from external consultancy and scouting firms**

# Suppliers struggle **as well**

Marketing and selling products and services in the energy industry is difficult, expensive and inefficient.

1. Limited access to decision-makers in large energy companies.
2. Complex sales cycles.
3. Exhibitions, Google Ads and LinkedIn are inefficient to create visibility and attract buyers.
4. Thus, expensive and inefficient traditional sales Processes.
5. Difficulty proving technological credibility.



# The solution: TechnologyCatalogue.com



TechnologyCatalogue.com has all the requirements to efficiently identify technologies to solve today's challenges.



An innovative, user-friendly platform

1



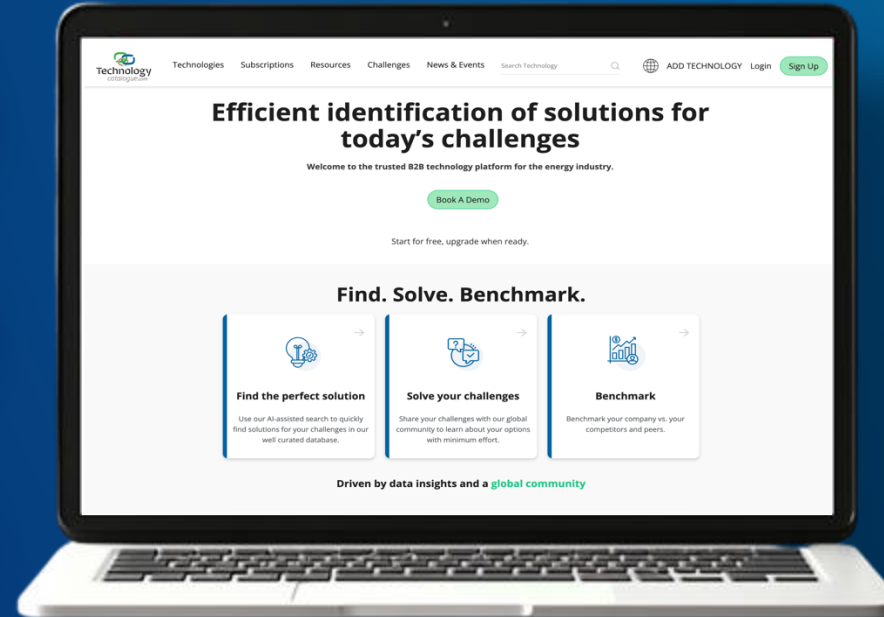
Powered by AI assisted search

2



With high quality tech content & data insights

3



A global community of >10,000 users

4



With customised updates & webinars

5



In a secure cloud-based infrastructure

6

A selection of our customers in the public and private sectors



Energy Pathfinder Energy Portal Careers Contact us

North Sea Transition Authority

About us What we do The move to net zero Regulatory information Data and insights News and publications Search

Home News and publications Tech knowledge-sharing scheme extended following huge success

Press releases and announcements Technology

# Tech knowledge-sharing scheme extended following huge success

Published  
26 Jun 2023

Share

- Tech platform user numbers went up more than two-thirds in half year
- NSTA provides further £30,000 to extend free access for UK suppliers, operators and end-users
- Tools and solutions will support energy security, emissions reduction and net zero projects

A pilot scheme providing free access to an online platform that raises awareness of emerging and field-proven technologies and encourages their use has been extended in response to popular demand.

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Press releases and announcements Technology

# NSTA boosts North Sea technology use with innovative knowledge-sharing contract

Published  
02 Nov 2022

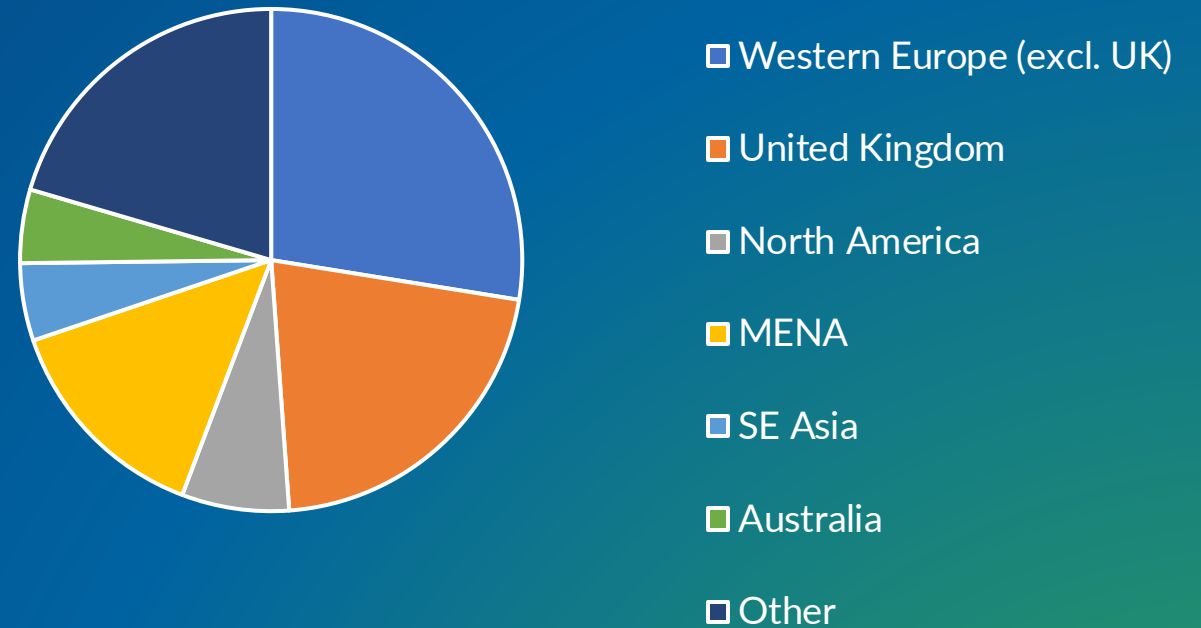
Share

- Partnership puts UKCS operators in touch with 1000s of suppliers
- Latest technologies can aid production and net zero goals
- Specialist platform complements NSTA Pathfinder portal

# A platform trusted by a global user community

- Our platform is used by professionals around the globe to seek solutions for challenges.
- We get the consistent feedback that the platform saves time and money. The platform provides ideas and data insights that would otherwise take months to obtain.

Geographical distribution of our users



## Our Community



**2,000+**

Registered Companies



**2,500+**

Technologies



**10,000+**

Global Users

# How we work with suppliers

Suppliers of products and services - large and small - use the platform to grow their business.

We offer two subscription packages for suppliers.

## Basic

Any supplier can join at no cost.

## Accelerate

The paid plan available with extra features.

Transactions between end-users and suppliers as a result of the matchmaking role of the platform are independent of the platform. We DO NOT work on a commission basis.

A selection of suppliers on the platform:



Details about the way we work with suppliers can be found by going to:

<https://suppliers.technologycatalogue.com/>

Join the global  
TechnologyCatalogue.com  
Community!

TechnologyCatalogue.com  
Saturnusstraat 95  
2516 AG, The Hague  
The Netherlands





**ERIK NIJVELD**  
CEO

Erik has a strong track-record of leading the development and deployment of technology, gained over a period of 30 years.

## Founders who understand **what you need**

Our founders learned the hard way why a platform like TechnologyCatalogue.com is needed & how it can deliver most value to companies.

They founded the company in 2018, building on extensive experience with technology identification and technology deployment.



**VINCENT VAN BEUSEKOM**  
COO/CTO

Vincent has 20 years of experience in the Energy industry. He held multiple engineering and technology leadership positions.


# What differentiates us?

Unlike traditional methods, our platform delivers highly relevant solutions fast and cost effectively, supported by data insights, and driven by a global community.

		<b>Consultancy/ Business intelligence firms</b>	<b>Exhibitions &amp; Conferences</b>	<b>Start-up scouting firms</b>	<b>Google or Open-source AI</b>
Highly relevant Solutions					
Fast					
Easy knowledge sharing with colleagues					
Online access to technology deployment data and insights					
Access to the user community to solve challenges					
Cost effective					

# Instant access to highly relevant solutions


Industry specific technologies




Renewables Hydrocarbon Infrastructure

## Renewables

Industry specific technologies




Wind Solar Hydrogen Energy Storage



- A fast-growing portfolio of 2,000+ technologies across 80+ categories.
- Technologies are presented in a consistent format, making it easy to digest and share with colleagues.
- Powerful filters are available to select technologies per TRL level, or to select technologies deployed by specific companies.
- Technologies are being added continuously based on the business needs of our customers.

# Save time and effort searching

- The latest advancement is the introduction of 'Steve', our AI assistant.
- As per user feedback, this is the most powerful feature that we have introduced since the launch of the platform in 2018.
- You can ask Steve to look for solutions for a specific challenge, and Steve will propose solutions with a clear justification which one best fits the challenge within 2 minutes.



Ask Steve

Hi Francine, I'm Steve, TechnologyCatalogue.com's AI companion. I can search our database of technology solutions for you if you give me a comprehensive description of your challenge below.

**Challenge:** Hi, I have thick sludge at the bottom of my storage tank that I would like to remove. I prefer to have a solution that will not require human entry into the storage tank.

Based on the descriptions provided, Technology 2: Robotic Sludge Removal seems to be the best solution for removing the thick sludge from the bottom of your storage tank without requiring human entry.


The key reasons why Robotic Sludge Removal is the most suitable technology are: [\[Keep Reading...\]](#)



**Tank & Vessel Cleaning**

Safe, industry leading systems for all of your tank cleaning requirements


Industrial Cleaning Robot Storage Tanks



**Robotic Sludge Removal**

Sludge removal without shutdown

Industrial Cleaning Storage Tanks

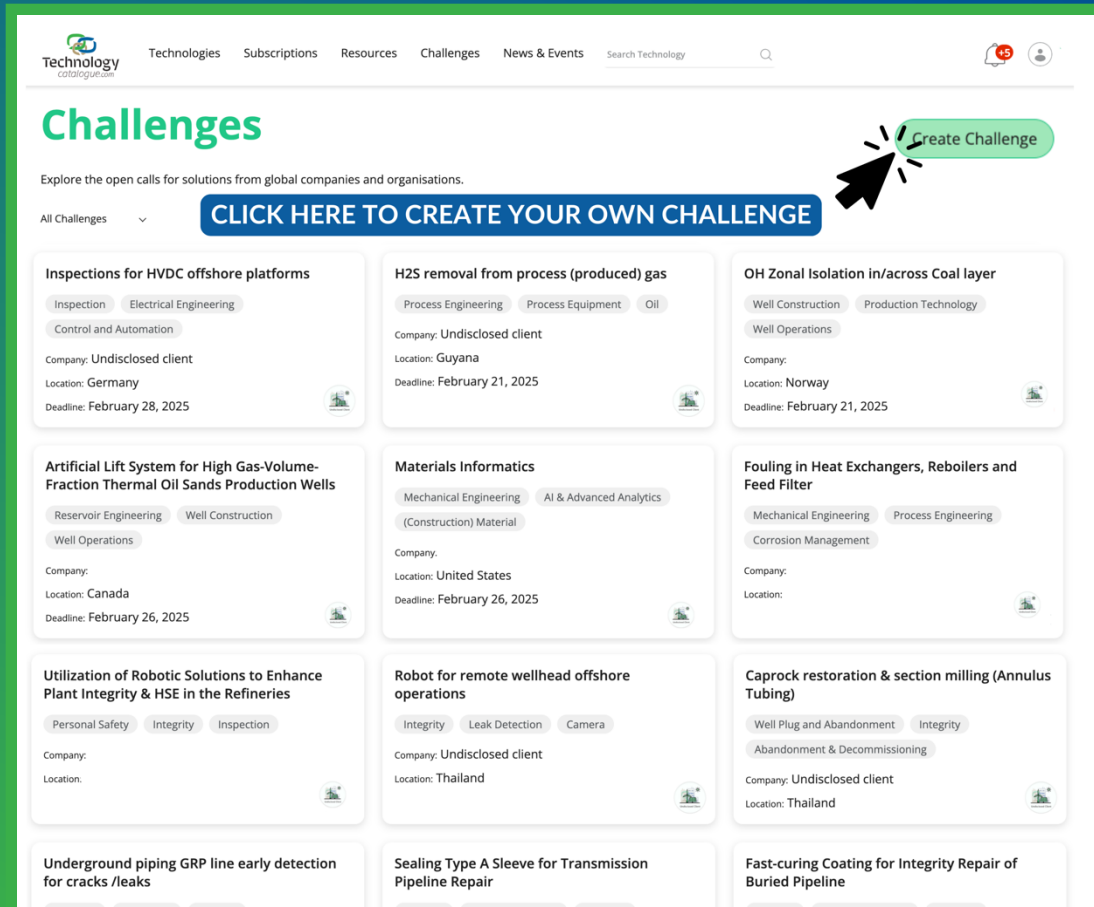


**Tank Cleaning Robot**

Faster tank cleaning with less water

Industrial Cleaning Robot Storage Tanks

# Share your challenges with our platform community



The screenshot shows the 'Challenges' section of the Technology Catalogue website. At the top, there is a navigation bar with 'Technologies', 'Subscriptions', 'Resources', 'Challenges', 'News & Events', and a search bar. Below the navigation, the word 'Challenges' is displayed in a large green font. A sub-header reads 'Explore the open calls for solutions from global companies and organisations.' A prominent blue button with white text says 'CLICK HERE TO CREATE YOUR OWN CHALLENGE', with a black mouse cursor pointing at it. To the right of this button is a green 'Create Challenge' button. The main content area features a grid of challenge cards. Each card includes a title, relevant tags, company information, location, and a deadline. The challenges listed are: 'Inspections for HVDC offshore platforms', 'H2S removal from process (produced) gas', 'OH Zonal Isolation in/across Coal layer', 'Artificial Lift System for High Gas-Volume-Fraction Thermal Oil Sands Production Wells', 'Materials Informatics', 'Fouling in Heat Exchangers, Reboilers and Feed Filter', 'Utilization of Robotic Solutions to Enhance Plant Integrity & HSE in the Refineries', 'Robot for remote wellhead offshore operations', 'Caprock restoration & section milling (Annulus Tubing)', 'Underground piping GRP line early detection for cracks /leaks', 'Sealing Type A Sleeve for Transmission Pipeline Repair', and 'Fast-curing Coating for Integrity Repair of Buried Pipeline'.

- In case Steve can't find a suitable solution on our platform, you can share your challenges with our global user community.
- You can share your challenges publicly or anonymously.
- Typically, within one week following the submission, solutions are being proposed.



A perfect way to assess the value of the platform!

Customer support and IT support throughout the trial period

Opportunity to share a challenge with our platform community

Valuable insights



# Subscriptions tailored to your needs

TechnologyCatalogue.com is a platform company, powered by a global community. This allows us to be very cost-effective compared to alternative solutions.

We offer various subscription options, depending on:



Most of our customers have a package in the range of **EUR 10K – EUR 50K** a year

[Book a demo](#)

In terms of making the **business case:**

We get the consistent feedback that the platform saves time and money. The platform provides ideas and data insights that would otherwise take months to obtain.

We've received feedback from multiple clients that finding only one or two good solutions that match the company needs via the platform is sufficient to justify the subscription.

# Seamless support

Whatever subscription package you choose, you will have seamless support that simplifies your operations:



Assistance with onboarding



Personal support & advice



Be part of our global community

[Request a free trial](#)

# What clients say...

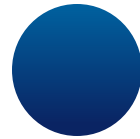
How they experience the real value of the platform



## Carlo Procaccini

*Chief Technical Officer at the UK North Sea Transition Authority*

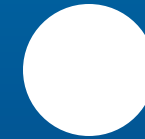
“The platform has proven to be a valuable tool for accelerating the uptake of relevant technology. Thanks to the platform, UK operators have hundreds of technologies at their fingertips to optimize economic recovery whilst reducing emissions during our energy transition journey to net zero.”



## Christian Shields

*Chair of Reservoir and Wells Optimisation Team (RWOT), part of the UK's Wells Task Force*

“TechnologyCatalogue.com is a fantastic resource that helps engineers succinctly learn about available technology and current usage. A Wells Taskforce working group I chair used the platform's challenge function to gather technologies to address Downhole Safety Valve system issues. A total of 41 solutions from 27 different companies responded to the challenge. There was something new and valuable for even the most experienced engineers to learn. Tools and resources like TechnologyCatalogue.com will play a crucial role in the digitally driven future of the energy industry.”



## Dan Hodgson

*Director Energy at Dell Technologies and Former VP Innovation & Technology at Oil Search Ltd*

“TechnologyCatalogue.com has demonstrated to be a tremendous resource to find and select the right technologies to transform the business. The platform provides data insights that would otherwise take months to obtain.”

