



TotalEnergies

Sustainability Report

2024

TotalEnergies EP Denmark

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Ole Hansen, Managing Director, TotalEnergies EP Denmark

A message from the Managing Director

The year 2024 has been a transformative period in the global energy landscape, bringing both opportunity and responsibility for TotalEnergies.

On one hand, the lasting geopolitical tensions have once again underscored the urgent need for a stable and secure energy supply to Denmark and to Europe. Therefore, we need to leverage our North Sea oil and gas resources to ensure reliant energy for ourselves and our neighboring countries. Our domestic energy production allows us to uphold stringent environmental standards, ensuring that the energy we in TotalEnergies produce and consume comes with a reduced footprint.

Globally, the energy transition also continues to accelerate, as demonstrated at COP29 in Baku, where world leaders reached a landmark agreement on reducing global methane emissions – a key priority we actively support through our own emission reduction initiatives.

A defining milestone:

Bringing Tyra back on stream

A pivotal achievement this year was the restart of the Tyra facilities, marking a new chapter for Denmark's largest natural gas field. Since the first gas export in March, we have been through a challenging period of ramping up production. Tyra will boost domestic energy supply at a time when resilience and reliability are more important than ever – something we have looked forward to since the decommissioning of the old facilities in 2019.

Tyra is one of the world's most advanced gas hubs, designed to operate with 30% lower emissions than before. This means that Denmark's natural gas production is more efficient, reinforcing our role in supplying energy responsibly while reducing our country's dependence on imports from foreign powers.



"We recognize the balance we must strike: ensuring energy security for ourselves and our neighboring countries today while innovating and acting responsibly to drive the transition towards a lower-carbon tomorrow. In 2024, we took significant steps to meet this challenge head-on, both by making our future oil and gas production less carbon intensive but also by preparing our organization for a future role as a strong operational base for offshore CO₂ storage in the Danish North Sea."

Transparency in environmental leadership

In 2024, we also strengthened our commitment to environmental transparency with the launch of the North Sea Environment Portal, developed alongside our DUC partners BlueNord and Nordsøfonden. This online platform provides public access to more than 40 years of environmental data and knowledge, allowing regulators, researchers, and industry partners to collaborate and drive more sustainable developments in the offshore energy industry.

Beyond transparency, we are taking direct action to understand and protect the marine biodiversity around our installations in the North Sea. Our work with marine researchers, including a project aimed at examining the cod population around our offshore platforms, highlights our dedication to understanding and protecting life beneath the surface in the areas in which we operate.

Building a culture of safety and engagement

None of the above would be possible without our people. I am proud to share that in 2024 TotalEnergies EP Denmark has once again achieved a high employee engagement score. This is clear evidence of the commitment, expertise, and resilience of our teams and the hard work we put into fostering a good place to work.

Safety remains at the core of everything we do. Through continued sharp focus and collaboration with our offshore teams, we keep working to further improve our safety performance. Our "Winter Positive Safety campaign 101 – 1 Goal, 0 Incidents, 1 Team", developed together with our core contractors seeks to reinforce safety behaviors offshore and more initiatives are in the pipeline.

Strengthening our community partnerships

Being based in Esbjerg, we are privileged to have the Wadden Sea National Park, a

UNESCO World Heritage site, in our backyard. In 2024, we continued our partnership with the park as part of our Action! employee volunteering program, giving our employees the opportunity to spend three days per year contributing to the sustainable development efforts such as building fenced areas to protect endangered bird species and cleaning up coastal areas.

As part of the efforts within our community program, we also strengthened our engagement with local education organizations, such as Education Esbjerg, SDU, and The House of Natural Sciences (Naturvidenskabernes Hus), to support the next generation of energy professionals that will build rewarding careers and help drive change within our industry.

Looking ahead

As we see towards the future, our mission as Denmark's leading producer of oil and gas

remains clear: to deliver the energy Denmark and Europe need while contributing actively to building a new energy system based on renewable solutions. We are working together with government agencies, industry partners, and our employees to reduce emissions, enhance transparency, and drive the energy transition forward.

I invite you to explore our 2024 Sustainability Report to learn more about our tangible actions, the progress we've made, and our vision for the future. To our employees, partners, and stakeholders – thank you for your dedication, collaboration, and commitment throughout 2024.

Ole Hansen

Managing Director
TotalEnergies EP Denmark

What we do

TotalEnergies EP Denmark is the country's leading producer of oil and gas, enhancing energy security through efficient and safe North Sea operations and supporting the development of Carbon Capture and Storage (CCS) deep below the seabed.

Offshore facilities

We operate the Danish Underground Consortium (DUC) with the partners BlueNord and Nordsøfonden.

- 49 platforms
- 14 fields
- 4 operational hubs
- 5 rigs (owned by 3rd party)

[See overview of facilities on the next page →](#)

Local suppliers

We work with suppliers to improve our supply chain's environmental impact, focusing on clean fuel and power for ships and helicopters. Key assets include:

- 2 helicopters
- 3 platform supply vessels
- 4 standby vessels
- 1 walk-to-work vessel

Onshore base

Our 800 employees based in the Esbjerg office provide onshore support for our North Sea operations, embodying our core values and contributing essential skills to our business.

Partnerships and collaborations

We actively engage with the Esbjerg community to support and protect the region's unique values and assets.

- 4.1 billion DKK invested in 2024 in the Esbjerg area through local vendors and community engagements
- 11 out of Denmark's top 20 vendors are based in the Esbjerg area

CCS activities

Together with other TotalEnergies entities and partners, we are developing CO₂ storage in the Danish North Sea, capable of storing millions of tons of CO₂.

CO₂ ↓

↑ Oil
Gas

Pipelines

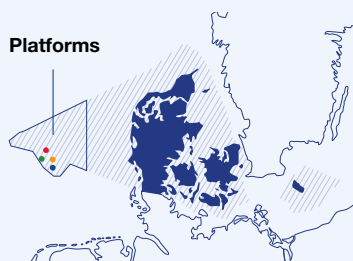
Over 700 kilometers of pipeline ensure the safer production, processing, and transportation of oil and gas to Denmark.

- 3 active gas export pipelines (owned by 3rd party)
- 1 active oil export pipeline (owned by 3rd party)

Deliveries

1.3 Mt oil eq gas
2.4 Mt oil

DUC in the North Sea



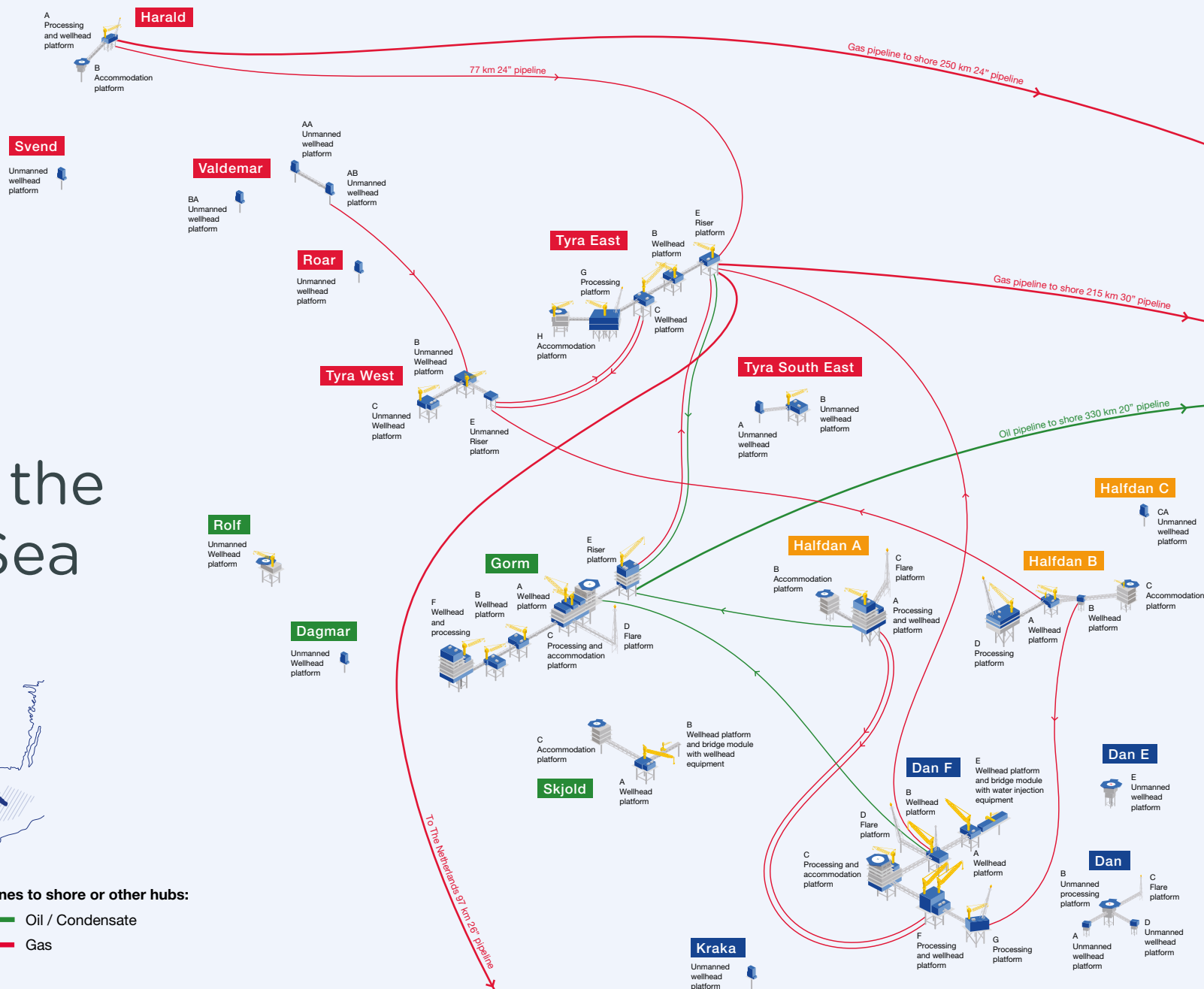
Platforms

Main hubs:

- Tyra
- Halfdan
- Gorm
- Dan

Pipelines to shore or other hubs:

- Oil / Condensate
- Gas



Our sustainability ambition

TotalEnergies EP Denmark's sustainability strategy is structured around four pillars which support the Company ambition to build the sustainable energy systems of tomorrow while continuing to supply the energy the world needs today.

During 2024, TotalEnergies EP Denmark continued to advance its Sustainab'ALL action plan with targets to be reached by 2025. The plan describes how we contribute materially to the four pillars outlined below.

targets in this report¹ cover total DUC activities and not only TotalEnergies' equity share. TotalEnergies is the operator with a 43.2% share.

In Denmark, our oil and gas activities are joined in the Danish Underground Consortium (DUC) with our partners BlueNord (36.8%) and Nordsøfonden (20%). Numbers and



	Climate and Sustainable Energy	People's Well-Being	Care for the Environment	Creating Shared Value
Ambition:	<p>Our ambition is to be a major player in the energy transition and reach net zero by 2050, together with society, by taking steps to:</p> <ul style="list-style-type: none"> • Reduce emissions from our operated industrial facilities (Scopes 1+2) • Reduce indirect emissions associated with the use of our products (Scope 3) 	<p>We want to set the benchmark as an employer and responsible operator. To that end, we endeavor to:</p> <ul style="list-style-type: none"> • Ensure people's safety • Uphold human rights in our operations and those of our suppliers • Put our employees at the heart of our transformation 	<p>We want to mobilize our operational excellence on behalf of nature and the environment. To do that, we have identified three priorities:</p> <ul style="list-style-type: none"> • Act for biodiversity • Preserve water resources • Be a player in the circular economy 	<p>We want to create shared value for a just transition by:</p> <ul style="list-style-type: none"> • Making commitments to all of our stakeholders • Ensuring accessible, affordable energy for all • Sharing the economic value we create
Focus areas:	<ul style="list-style-type: none"> • Consume less and consume better energy within TotalEnergies • Promote climate responsible suppliers • Innovate in support of our transformation • Develop carbon storage solutions 	<ul style="list-style-type: none"> • Develop our people's engagement • Enhance the skillset of our people to ensure the successful transformation of our business • Advance inclusion in our Company 	<ul style="list-style-type: none"> • Promote circular economy in our operations • A company mobilized for biodiversity 	<ul style="list-style-type: none"> • Create prosperity in the territories where we are present

¹ This Sustainability Report 2024 constitutes a voluntary report issued on behalf of the operator of Danish Underground Consortium in Denmark, TotalEnergies EP Denmark. To see the mandatory sustainability reporting according to Danish and European legislation, please refer to the corporate TotalEnergies Sustainability & Climate 2025 Progress Report or the Company's Universal Registration Document both available at the corporate website <https://totalenergies.com> or consult the Annual Accounts for the Danish affiliates available at <https://virk.dk>.

2024 highlights

A year of continued progress within the sustainability area.



Increased focus on reducing emissions

Taking continuous action to reduce our environmental footprint by improving energy efficiency, optimizing operations, and cutting emissions from fuel use, flaring, and venting.

[Read more →](#)



An attractive place to work

Strengthening our efforts to enhance employee engagement and foster a culture of collaboration.

[Read more →](#)



An active role in the local community

Supporting the local community with their educational efforts and mentoring young students taking the first steps in their career whilst helping them build a local network.

[Read more →](#)



The life around our platforms

Publishing biodiversity data through innovative initiatives like the North Sea Environment Portal and the BioRigs project.

[Read more →](#)



Conserving the wildlife

Protecting the endangered birds in the Wadden Sea National Park by installing protective fencing to support breeding and conservation efforts.

[Read more →](#)



From recognition to real-time insights

Combining the power of positive feedback and artificial intelligence to foster a proactive, data-driven culture where every observation matters, and every insight drives progress.

[Read more →](#)



Climate and Sustainable Energy

TotalEnergies' ambition is to be a major player in the energy transition and to get to net zero by 2050, together with society.



A continued effort to reduce our footprint

TotalEnergies has an increased focus on reducing energy use and greenhouse gas emissions from operations. Key elements in this work are e.g. optimizing the field development of new installations, the type of fuel gas used to run our activities, the energy efficiency of processes and machinery, as well as opportunities to reduce emissions from flaring and venting.

Tyra and beyond - the impact of field optimization

The fields and installations in the Danish sector are mature and this in general impacts efficiency. Size, technology, and field pressures are some of the key factors behind a high carbon footprint. Bringing on stream the large and top modern facilities at Tyra II will have a significant and positive impact. Production from Tyra is expected to reach a GHG intensity level of 11–15 kg CO₂e per barrel compared to a 2024-average of 36 kg CO₂e per barrel for our total Danish North Sea operations.

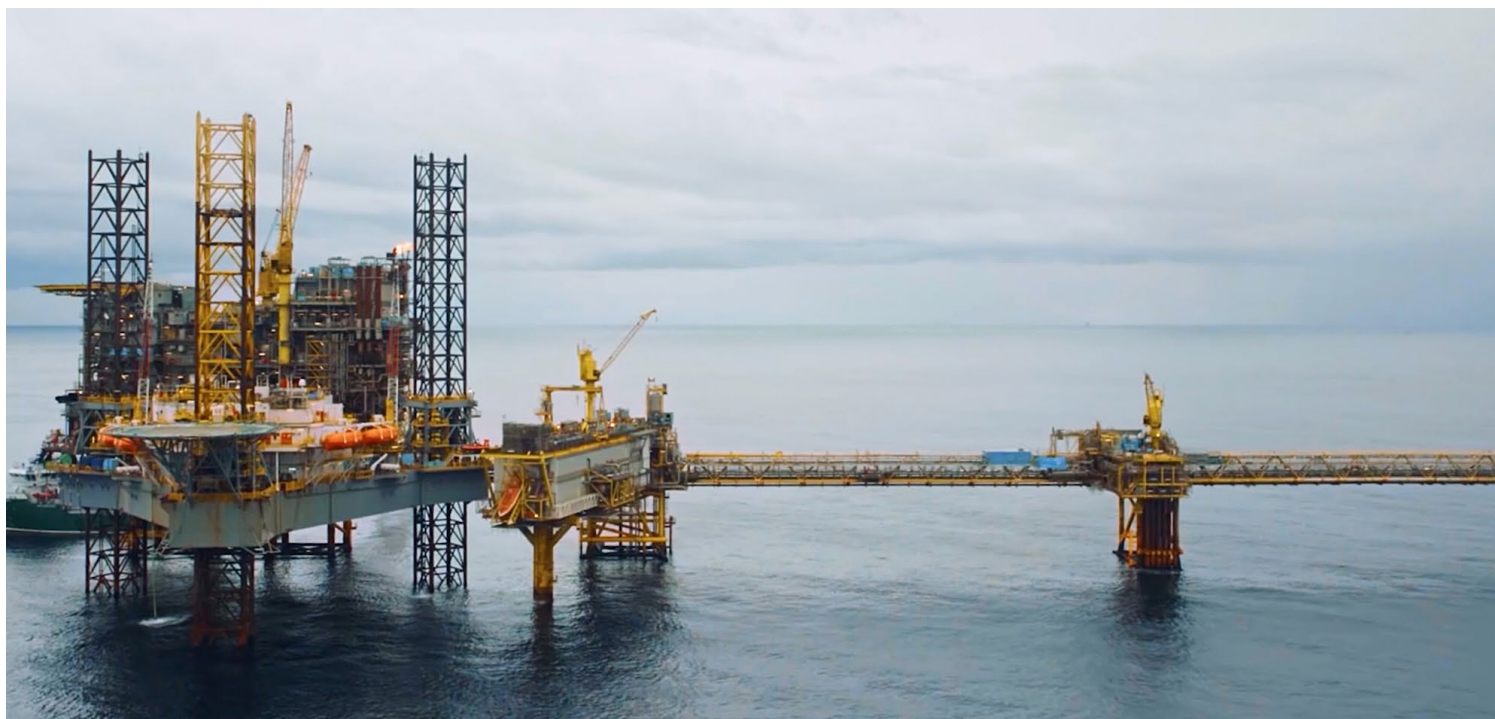
In December 2024, the connection of the Harald East Middle Jurassic (HEMJ) well

to our production system was successfully achieved after a complex and challenging drilling operation. The high pressure of the new reservoir will add positively to our overall



11-15

kg CO₂e per barrel – the carbon intensity of the new Tyra II. This marks a significant improvement compared to the 2024 average of 36 kg CO₂e per barrel across our total Danish North Sea operations.



See the film about the redevelopment of Tyra II [here](#).

carbon intensity as there will be less need for energy to pressurize the gas for transport to shore. Energy for gas compressors is one of the major energy consumers in our production set-up.

Future development projects will prioritize energy efficiency and incorporate low-carbon technology whenever possible.

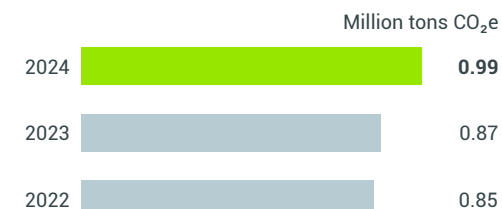
Driving energy efficiency

Decarbonized energy sources and enhanced energy efficiency are key levers in reducing the carbon footprint of TotalEnergies' global operations. In Denmark however, the location of the DUC assets approximately 200 km offshore presents a challenge. While the redeveloped Tyra II platform is electrification-ready, no renewable power sources are

currently available for connection. As a result, gas remains the primary fuel for the generators supplying power to the installation.

In 2024, several energy efficiency projects were executed. One of the initiatives is the continued replacement of new air filters on gas turbines expected to reduce emissions by around 2% per machine.

GHG emissions 2022–2024



GHG intensity 2022–2024



Flaring and venting

TotalEnergies has set ambitious global targets for reducing methane emissions from our operations. The global overall target is to cut methane emissions from all activities by 50% in 2025 compared to 2020. This goal was achieved in 2024 and the target for 2025 has been raised to 60%.

To reduce uncontrolled emissions of methane, Leak Detection and Repair (LDAR), involving yearly inspections of all installations using an infrared camera has been in place since 2021. This program

will be further developed to comply with EU standards (EU Methane Regulation).

In 2024, TotalEnergies decided for an even more ambitious step to install permanent methane detection on all sites worldwide. This initiative supplements the already established LDAR programme and annual drone surveys to monitor and reconcile our methane emissions.

Flare systems are installed on all facilities to ensure safe disposal of excessive gas during operations and safety incidents. Over the past years, flaring has been continually

reduced despite occasional increases due to intermittent events, e.g. in connection with a sudden increase in pressure or when the normal process equipment is undergoing repair work.

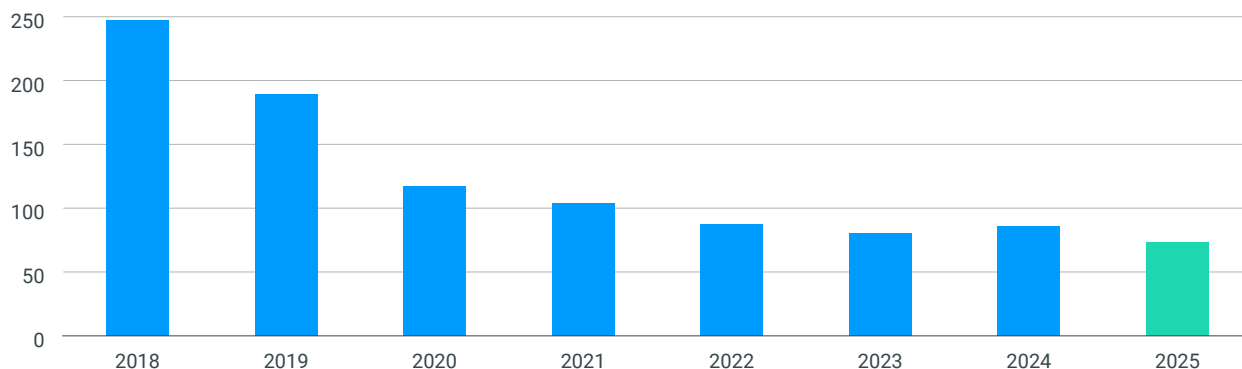
In 2024, special focus was given to the Gorm process facility which resulted in a significant GHG reduction (~10 kt CO₂e per year). This included the installation of a partial flare recovery system which brings the gas back to the gas compression system for export.



Flaring emissions 2018–2025

■ Realized ■ Forecast

kSm³/day



CH₄
↓ 60%

reduction target in 2025 for methane emissions from all global activities, compared to 2020 levels.

People's Well-Being

TotalEnergies wants to set the benchmark as an employer and responsible operator.



“Our focus on employee engagement has been unwavering. The initiatives we’ve implemented this year have not only brought our team closer together but have also driven significant improvements in our overall performance. The engagement score is a clear indication of the positive impact these efforts have had on our organization.”

– Jennifer Stien, Human Resources Manager

An attractive place to work

In 2024, TotalEnergies EP Denmark continued its efforts to enhance employee engagement and foster a culture of collaboration. This year has been marked by several key initiatives and engagements that have brought the teams closer together and driven progress in collective goals.

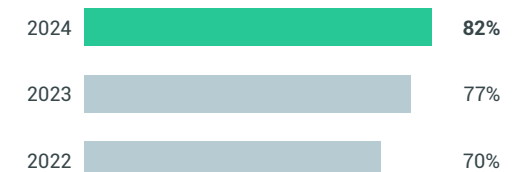
TotalEnergies EP Denmark’s commitment to improving employee engagement has continued with good results. The annual employee engagement survey revealed an 82% engagement score, a marked improvement from 70% in 2022. This score is a testament to the hard work and collaboration that have become hallmarks of TotalEnergies EP Denmark’s culture.

and local level. Our local People Project successfully concluded at the end of 2023 and focused on defining a common culture and establishing TotalEnergies EP Denmark as the employer of choice. This involved thorough analysis of employee engagement, cultural alignment, and understanding employee perceptions.

Fostering transparency and goal alignment

Enhancing our organizational culture and employee value proposition is also a result of the combined approach of our TotalEnergies ‘Better Together’ initiatives on both a global

Employee engagement





"The annual objective-setting process plays a key role because it aligns individual goals with the Company's direction and provides a clear path for professional growth. This not only motivates and manages expectations with our people but also ensures that everyone is moving toward shared goals."

– Jennifer Stien, Human Resources Manager

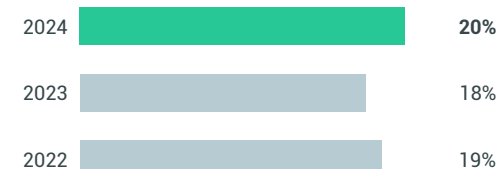
Throughout 2024, these initiatives have provided a strong foundation for continued progress and transformation, ensuring that TotalEnergies EP Denmark remains a preferred place to work and a leader in the industry.

Building on this momentum, TotalEnergies EP Denmark actively encourages managers to view, discuss, and share the engagement survey results with their teams. This practice fosters transparency and collaboration, ensuring that everyone is aligned with the Company's priorities. Additionally, the yearly objective-setting process is a key component. Managers work closely with their team members to set meaningful objectives that align with both individual and organizational

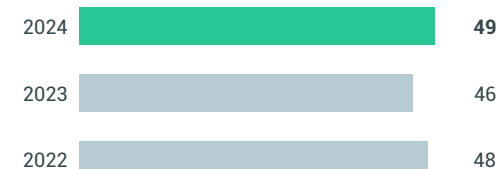
priorities. This approach not only motivates employees but also provides a clear roadmap for their professional development.

"Our approach to employee engagement is grounded in transparency and collaboration. By encouraging managers to review, discuss, and share results with their teams, we cultivate a culture of openness and trust. The annual objective-setting process plays a key role because it aligns individual goals with the Company's direction and provides a clear path for professional growth. This not only motivates and manages expectations with our people but also ensures that everyone is moving toward shared goals," says Jennifer.

% of women in workforce



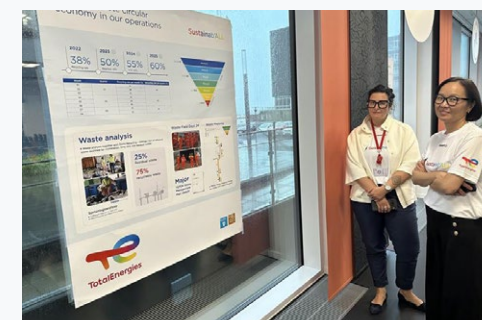
Number of nationalities



Female student careers in focus during D&I week

During the annual Diversity & Inclusion week, TotalEnergies EP Denmark proudly opened the doors to 38 student visitors. This initiative aimed to inspire young women to pursue careers in the energy industry and provided them with valuable insights into the opportunities available.

The event included panel discussions, workshops, and networking sessions, creating a supportive environment for female students to explore their potential.





How positive recognition and AI help improve our safety culture

In early 2024, TotalEnergies EP Denmark launched a series of safety initiatives that reflect a shared commitment to building a proactive and data-driven safety culture. Together, these initiatives demonstrate how collaboration and innovation help shape a safer, smarter workplace where every observation counts, and every insight drives progress.

A shared responsibility of safety

Working offshore is inherently challenging due to the complex nature of the work environment and the tasks at hand. This complexity is further heightened by the diverse mix of professions – ranging from geologists and scaffolders to chefs and medics – and the wide variety of cultures, languages, and work practices that must seamlessly collaborate to maintain a safe working environment for all. To strengthen safety across, TotalEnergies EP Denmark partnered with core contractors including Aramark, Altrad, Esvagt, NorSpie, Noble, Semco, Shelf Drilling, and SLB to launch

the Winter Positive Safety campaign: 1 goal, 0 incidents, 1 team.

Speaking up through observation cards

Our employees at both onshore and offshore sites can submit an observation card when they witness an unsafe act or condition, as well as when they observe positive safety behavior. This process allows us to enhance safety awareness in our day-to-day activities and to continuously learn from each other.

The campaign encourages offshore teams to submit positive observation cards, sharing testimony of safe practices, recognizing safe behaviors and reinforcing a culture of mutual accountability regardless of which company is represented. The results were significant. Positive observations increased by nearly 97%¹, and total safety card submissions rose by more than 10%² during the campaign period. These outcomes highlight the power of appreciation in reinforcing safe practices.

"Safety is the responsibility of everyone – and that includes our contractors. By working

as one team, regardless of our employer, we can help foster a shared and improved safety culture," explains Louise Koldig, HSSE Manager.

At TotalEnergies, safety is never a given, and we must continuously enhance our standards, practices, and behavior. This will be achieved through targeted campaigns that our workforce supports with conviction, ownership, and responsibility. Safety for me, for you, for all.



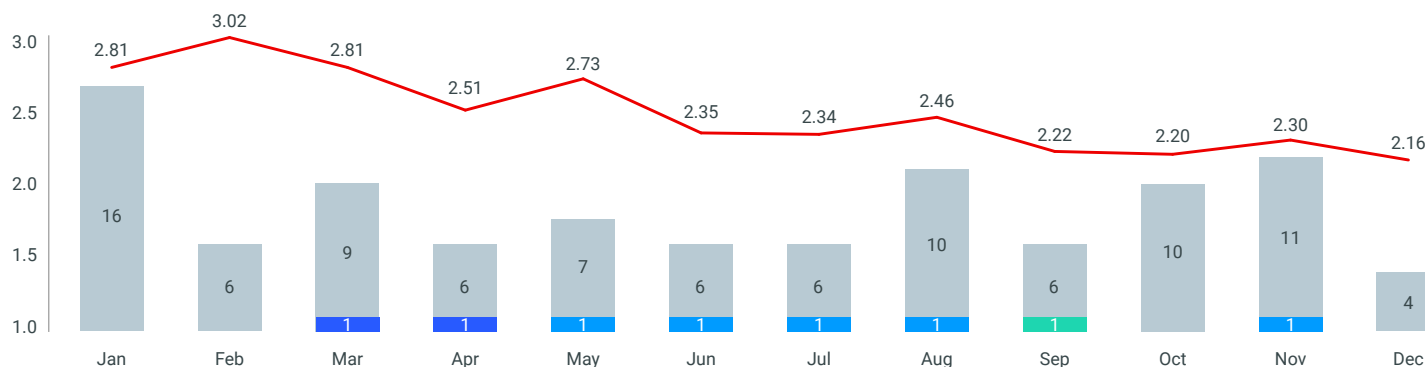
"Safety is the responsibility of everyone – and that includes our contractors. By working as one team, regardless of who is the employer, we can help foster a shared and improved safety culture."

– Louise Koldig, HSSE Manager

An improving safety performance

■ Lost Time Injury
 ■ Restricted Work Day Case
 ■ Medical Treatment Case
 ■ First Aid Case
 — Total Recordable Injury Rate (rolling 12 months)

Injury per million working hours

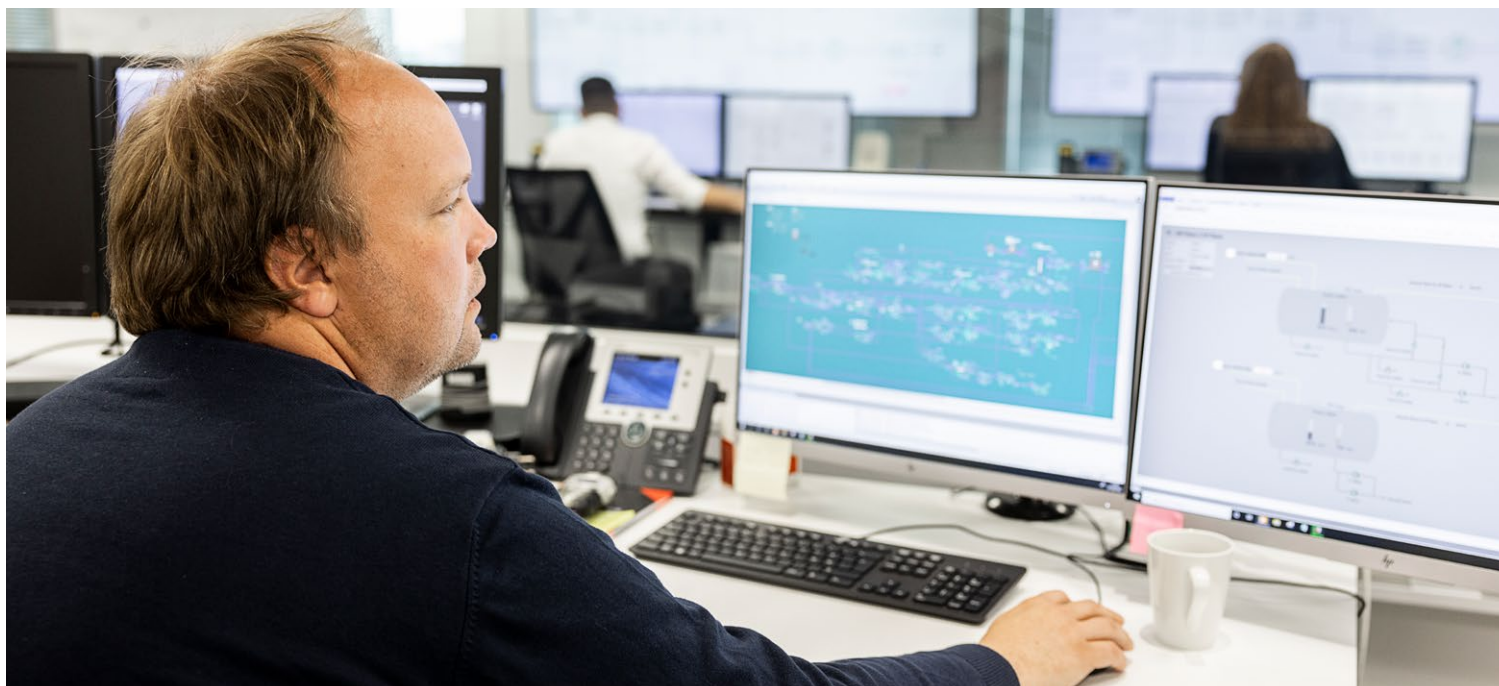


¹ 701 in 2023 (January – March 2023) and 1,379 cards in 2024 (January – March 2024)

² 5,428 in 2023 (January – March 2023) and 5981 cards in 2024 (January – March 2024)

Marking one year without Lost Time Injury

On 27 October, TotalEnergies EP Denmark marked one year without Lost Time Incidents (LTIs). This achievement reflects the collective commitment and effort of everyone across the organization and our contractors to maintain a safe and secure working environment. This accomplishment is particularly noteworthy given the challenges faced during 2022 and the first half of 2023, a period marked by several LTIs. It underscores the progress made and the dedication to ensuring that all team members return home safely after their workday, shift, or rotation.

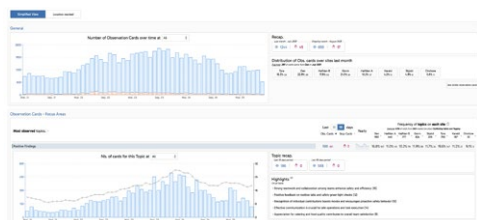


Lost time injury rate

2024	<div style="width: 15%;"></div>	0.15
2023	<div style="width: 60%;"></div>	0.60
2022	<div style="width: 55%;"></div>	0.55

Total recordable injury rate

2024	<div style="width: 22%;"></div>	1.22
2023	<div style="width: 216%;"></div>	2.16
2022	<div style="width: 273%;"></div>	2.73



safeTE
Powered by AI

safeTE - Turning data into action

While recognition drives behavior, data drives decisions. That is where safeTE comes in. Launched in February 2024, this artificial intelligence powered analytics tool enhances how we learn from safety data and apply those lessons in real time.

safeTE addresses the challenge of analyzing large volumes of complex safety data. It transforms raw information into actionable

insights, drawing from internal reports databases and external sources such as the International Association of Oil and Gas Producers (IOGP). The tool supports benchmarking toolbox talks, and campaign design by providing relevant and timely information.

A key feature, mySafety Analytics, identifies trends from more than 1,300 monthly observation cards and presents them in clear summaries. The tool also adapts to user behavior, prioritizing insights based

on individual focus areas, making it more effective over time.

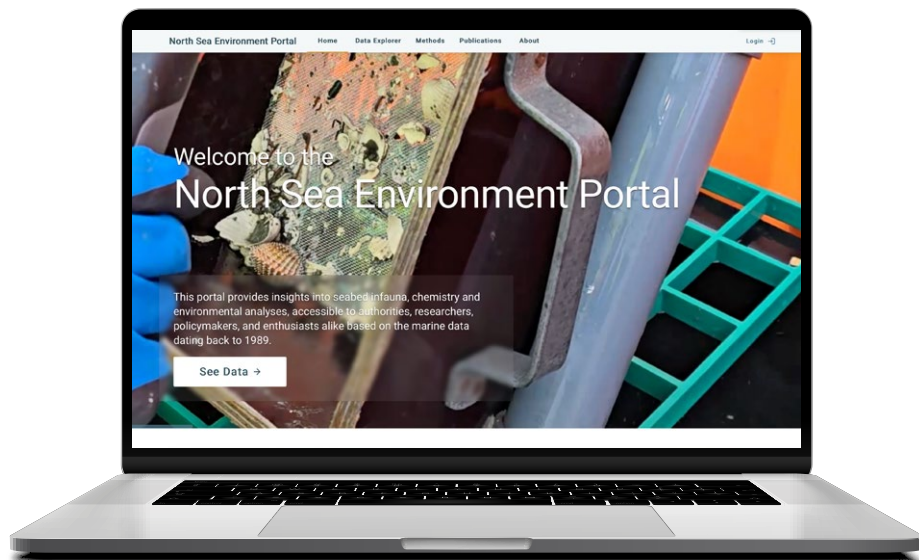
Together, the Winter Positive Safety campaign and safeTE represent a holistic approach to safety. By combining human recognition with intelligent systems, TotalEnergies EP Denmark is not only aiming for zero serious incidents but also building a robust safety culture that is resilient, inclusive, and ready for the future activities and environment.

Care for the Environment

TotalEnergies is mobilizing its operational excellence on behalf of nature and the environment.

Sharing insights into the life around our platforms

Care for the environment is a fundamental responsibility that we must all share. Every action we take today has an effect on the planet's wellbeing for future generations. Conscious efforts to reduce waste, conserve biodiversity, and reduce environmental impacts are essential elements in TotalEnergies' environmental work.



A key initiative in 2024 was the launch of the North Sea Environment Portal, led by TotalEnergies EP Denmark in collaboration with Nordsøfonden, BlueNord, and DHI. This portal pioneers a new wave of data accessibility aimed at fostering responsible environmental management and energy development in the North Sea.

For the first time, detailed insights into the seabed, biodiversity, and environmental impacts from oil and gas platforms are publicly available in one place: the North Sea Environment Portal.

The portal launched in December 2024 provides public access to more than 40 years of data collected around the oil and gas installations in the Danish North Sea, showcasing marine environment and its rich biodiversity, allowing users to explore the data using advanced visualization tools coupled with great geographical precision.

With over 10,000 independent data points covering seabed chemistry, biodiversity and MSFD criteria, the North Sea Portal is a resource for research and informed management of offshore energy infrastructure and the surrounding marine life. It also supports the ongoing dialogue on responsible development in one of Europe's most vital and biologically diverse marine environments.

The ambition is that the portal will play a crucial role in integrating future

offshore energy facilities with responsible management of marine ecosystems, supporting development of the future renewable energy infrastructure alongside governing agencies, researchers and public decision-makers.



Magnus Heunicke, Denmark's Minister for Environment and Gender Equality, spoke at the launch event and praised the initiative of establishing the North Sea Environment Portal.



12

underwater sensors placed around the Skjold platform in the summer of 2023 provided data that the research team collected during 2024.

The BioRigs project

The BioRigs project, nicknamed the “Cod project”, continued in collaboration with DTU Aqua, Aarhus University and DHI. By monitoring marine species of high socioeconomic significance, such as cod, and biologically significant marine mammals, such as harbor porpoises around the platforms, the researchers aim to understand the role of

these installations as feeding, spawning, and sheltering grounds for marine wildlife.

During 2024, the research team collected data from 12 underwater sensors placed around the Skjold platform in the summer of 2023. At the same time, they deployed four new sensors around the Tyra, Harald, Dan and Skjold fields, all operated by TotalEnergies EP Denmark as part of the DUC.

These sensors, known as hydrophones, record the behavior of tagged cod and echolocating marine mammals such as harbor porpoises. Study results of the first project phase indicate that marine life, particularly fish, are more abundant and larger closer to the platforms, and that certain cod individuals spend most of the time around one platform, including during the spawning period. This may indicate that

offshore infrastructure acts as spawning hot-spots. These results were successfully presented in a PhD thesis at DTU Aqua. More conclusive studies are planned for the future.

The newly deployed sensors in the second phase of the project also collect insights into the distribution of cod and harbor porpoises between the various platforms to



See the film about the biodiversity study around the North Sea platforms [here](#).

paint a picture of how life underwater may differ depending on the platform's location and structural design, and whether some structures are more attractive than others.

During 2025, results will be analysed and published. The results will help to determine how offshore platforms contribute to marine biodiversity and whether they aid in preserving fish populations and supporting

marine mammals. The project will provide valuable data that can be used not only for the existing platforms but also for planning new infrastructure such as offshore wind farms.



Decommissioning of the North Sea platforms

The oil and gas activities in the Danish North Sea are set to cease production no later than 2050, as agreed in the Danish North Sea agreement. All operating companies are obliged to prepare solid plans for decommissioning of the facilities, well in advance of closure.

Decommissioning will require a well-founded and thorough effort from TotalEnergies. Our focus is to ensure the most environmentally responsible closure of the facilities possible. As the legislation stands today, the platforms must be completely removed, as agreed in the OSPAR convention.

For several years, experts have pointed out that platform structures function as artificial reefs for marine animals and plants. Together with DTU Aqua, Århus University and other leading research institutions, we are investigating whether there could be benefits for biodiversity by leaving the platform legs in place. There will likely be little or no economic savings, as the platform structures above water will need to be removed completely.

Creating Shared Value

TotalEnergies wants to create shared value for the local community.

An active role in the local community

TotalEnergies has made significant strides in local community engagement and partnerships throughout 2024. We have completed various educational initiatives, activated our Ambassador program, and a range of volunteering efforts, all aimed at supporting and engaging with the local communities.



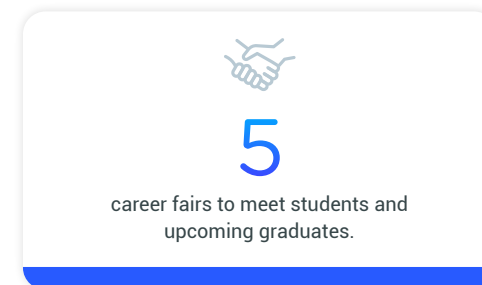
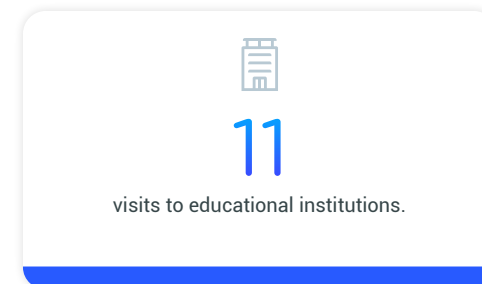
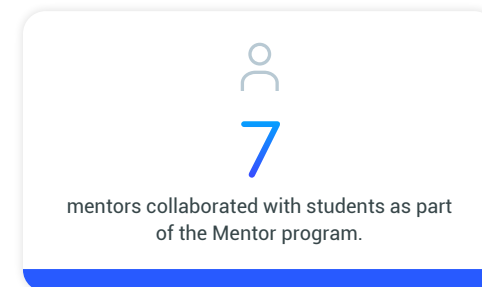
A beacon of sustainability

TotalEnergies EP Denmark showcased its commitment to sustainability by participating in Green Camp 2024, a case competition for master's students at South Denmark University (SDU) Esbjerg and Aalborg University (AAU) Esbjerg. The competition focused on finding holistic solutions for managing PPE (Personal Protective Equipment) waste and repurposing 2,000 sports bags from rebranding efforts. The creativity and dedication of the students were truly inspiring and Green Camp 2024 stands as a strong local activity to environmental stewardship.

Engaging with local universities

TotalEnergies EP Denmark extended its commitment to education through partnerships with South Denmark University and Aalborg University. These collaborations included internships and student assistant opportunities, providing students and recent graduates with insights into the company culture and career opportunities in energy and engineering.

"Our partnerships with local schools and universities are crucial to TotalEnergies EP Denmark's mission. These engagements not only inspire the next generation but also strengthen our community ties and showcase the importance of education in



the energy sector. We are proud to support and nurture young talents who will shape the future of our industry," says Susanne Lassen, Head of Business Transformation.



"I joined the mentoring program to get an opportunity to help a student with my knowledge and skills and at the same time get the fresh perspectives and innovative ideas from a young one. The most important takeaway for me was the satisfaction of contributing to someone else's growth and the joy of seeing them succeed."

– Devik Sharma, volunteer mentor



45

active employee ambassadors.

Ambassador program

The Ambassador program has seen significant progress in 2024, with an increasing number of interested employees leading and supporting various community initiatives.

This year, ambassadors played a key role in the Esbjerg mentoring program, Green Camp, and Action! volunteering initiatives. They actively contributed to local projects and helped build stronger ties with the local community.

Conserving local wildlife

For the third consecutive year, TotalEnergies Denmark has supported the protection of endangered birds in the Wadden Sea National Park around Esbjerg. This recurring volunteering initiative involved putting up fences to safeguard bird populations and promote breeding in the park.



See the film about the protection of endangered birds in the Wadden Sea National Park around Esbjerg [here](#).



Our volunteering program

The Action! program encourages employees to support local initiatives by offering up to three workdays per year for volunteering. The focus is primarily on youth-related initiatives, such as promoting STEM education and

supporting vulnerable children, as well as preserving natural habitats. Supporting and engaging with the local community is important for TotalEnergies Denmark, and the Action! program is a concrete example of our dedication and support.



119

employees dedicated over 420 hours to volunteering and participated in 16 local initiatives.



4.1bn

Danish kroner, spent on local vendors in Esbjerg, reinforcing our commitment to supporting the local economy and strengthening community ties.

2024 – progress and challenges

TotalEnergies EP Denmark's operations are situated in the harsh environment of the North Sea and this sets the scene for our focus on safe, reliable and environmentally responsible operations.

2024 numbers have been significantly impacted by the ramping up of the Tyra platform. Tyra recommenced production in March 2024 after a major redevelopment project.

Most of our offshore installations were constructed many years ago and were built for a significantly higher output of oil and gas. In this context, our goal is to operate our mature offshore installations in the safest, most energy efficient manner, with the lowest possible adverse impacts on air, sea and land, both locally and globally.

Climate and Sustainable Energy

	Unit	2022	2023	2024
GHG emissions¹				
Total CO ₂	Mt CO ₂	0.79	0.82	0.92
CH ₄	Tons	1,909	1,180	1,639
GHG emissions	Mt CO ₂ e	0.85	0.87	0.99
GHG intensity	kt CO ₂ eq./Mboe	29.7	32.5	36.4
Other emissions				
NO _x	Tons	4,117	3,142	3,345
nmVOC*	Tons	1,507	584	709
SO _x	Tons	46	84	74
Sources of CO₂ emissions on production platforms				
Fuel gas	%	88	86	85
Flared gas	%	11	10	9
Diesel	%	1	4	6
Consumption of HCFC* gas and HFC* gas				
HCFC	Tons	0	0	0
HFC	Tons	1.4	0.9	1.1
Energy consumption				
Total energy consumption	TJ	12,311.3	12,860.4	14,463.2
Use of extracted hydrocarbons				
For sale	%	73	72	72
For internal energy consumption	%	24	25	24
Lost due to safety flare or other	%	3	3	2

¹ Scope 1 and Scope 2 from all offshore assets and logistical support

* nmVOC = non-methane Volatile Organic Compounds, HCFC = Hydrochlorofluorocarbons, HFC = hydrofluorocarbons

Care for the Environment

	Unit	2022	2023	2024
Production of water				
Produced water	Mt	26.3	27.3	27.3
Total fluids production (gas, oil and water)	Mt	30.2	30.9	31.0
Produced water reinjected into the reservoirs or discharged into the sea				
Re-injected produced water	Mm³	6.3	6.2	6.6
Discharged produced water	Mm³	17.6	18.6	18.2
Oil in produced water discharged into the sea				
Total volume of oil discharge	Tons	121.6	130.5	124.7
Average concentration of oil in produced water discharged into the sea				
Oil concentration	mg/l	6.9	7.0	6.8
Water-based drilling mud and drill cuttings discharged into the sea				
Water-based drilling mud	1,000 m³	0	6.35	6.78
Drill cuttings	1,000 m³	0	0.78	0.99
Number of wells drilled	Number	0	0	2
Accidental oil spills				
Accidental oil and diesel spills	Tons	0.8	0.1	0.4
Accidental oil and diesel spills	Number	6	15	14
Accidental chemicals spills				
Accidental chemical spills	Tons	10.5	0.1	0.1
Accidental chemical spills	Number	32	20	23

	Unit	2022	2023	2024
Chemicals discharged into the sea				
Green chemicals	Tons	803	3,042	4,786
Yellow chemicals	Tons	4,281	5,021	4,695
Red chemicals	Tons	13.4	15.2	12.0
Grand Total	Tons	5,097	8,079	9,494
Chemical usage				
Green chemicals	Tons	4,065	5,175	7,018
Yellow chemicals	Tons	7,640	8,376	8,068
Black chemicals	Tons	0	0	0
Red chemicals	Tons	70.8	73.5	65.8
Grand Total	Tons	11,776	13,625	15,152
Waste management				
Waste total	Tons	2,985	3,636	3,540
Recycled	%	39.0	42.6	44.4
Incinerated ²	%	62.0	56.5	55.3
Landfilled	%	0.1	0.9	0.4

² Incinerated with energy recovery

People's Well-Being

	Unit	2022	2023	2024
Employees				
Workforce onshore	Number	486	469	465
Workforce offshore	Number	275	284	252
Gender				
% of women	%	19	18	20
Among onshore	%	28	28	29
Among offshore	%	4	2	3
Nationalities				
Number of nationalities	Number	48	46	49
Safety				
Exposure hours				
Milions of hours worked	Mh	7.32	8.32	6.6
Occupational injuries				
Fatality	Number	0	0	0
Lost Time Injury	Number	4	5	1
Restricted Workday Case	Number	6	9	5
Medical Treatment Case	Number	10	4	2
First Aid Case (non-recordable injury)	Number	108	164	97
Injury Rates & Targets				
Lost Time Injury Rate (LTIR), number of lost time injuries per million hours worked	Nb/Mh	0.55	0.60	0.15
Total Recordable Injury Rate (TRIR), number of recordable injuries per million hours worked	Nb/Mh	2.73	2.16	1.22
TRIR Target	–	0.75	0.95	1.19

	Unit	2022	2023	2024
Lost Workdays³				
Number of lost days due to accidents at work	Number	375	401	107
Severity Rate				
Number of days lost due to accidents at work per million hours worked	Number/Mh	51	48	16.3

Creating Shared Value

	Unit	2022	2023	2024
Action! program – employee participation	%	16	13	16

Operational data

	Unit	2022	2023	2024
Production of oil and gas				
Gas	Mt oil eq	1.1	1.1	1.3
Oil	Mt	2.7	2.5	2.4

³ The number of lost time days is limited to 180 calendar days per injured person



Editors

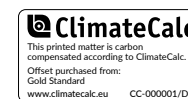
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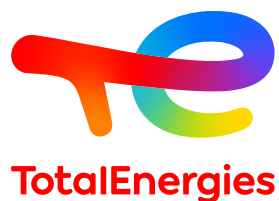


About TotalEnergies

TotalEnergies is one of the biggest energy companies in the world with more than 100,000 employees worldwide and activities within oil, gas, solar, wind, biofuels, hydrogen, and carbon storage.

TotalEnergies EP Denmark is the leading oil and gas company employing a diverse and international workforce. We are responsible for more than 80% of the oil gas produced and are developing one of the leading carbon storage projects which is expected to store millions of tons of CO₂ in the depleted oil and gas reservoirs in the Danish North Sea. Our operations date back more than half a century and represent an important contribution to Denmark's economy, energy supply and employment. In addition to our oil and gas activities, TotalEnergies is working on establishing new business activities within offshore wind, solar energy, and other renewable energy sources.

Read the Sustainability Report 2024 online



About DUC

The Danish Underground Consortium (DUC) is a joint venture comprising TotalEnergies (43.2%), BlueNord (36.8%), and Nordsøfonden (20%). DUC is the leading contributor to Danish oil and gas production in the North Sea.

TotalEnergies EP Denmark, as the operator, oversees the exploration and operation of DUC's 14 fields. The onshore base for servicing the fields, pipelines, and platforms is TotalEnergies office in Esbjerg where a diverse team of 800 people work together.



nordsøfonden



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