Shell Fleet Solutions

One Shell.

All your fleet solutions.

Contents

One Shell. All your fleet solutions.

Discover an all-in-one solution for your fleet needs, from smarter fleet management to comprehensive energy solutions.

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02 Your energy

- High performance quality fuels
- Low-carbon Fuels
- EV charging solutions On-the-go and eDepot

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Shell Fleet Solutions is for every fleet, however big or small

We provide comprehensive support across all areas of fleet operations - whether light or heavy-duty. Our services are designed to enhance efficiency, manage costs effectively, and contribute to lower emissions, all while promoting smart and sustainable growth.

Your energy

- Shell Fuels (via Shell Card)
- Shell Fuels (via customer pump and tank – homebase)
- EV charging solutions (on-the-go, depot)
- Alternative fuels (LNG, Shell BioLNG, Shell Renewable Diesel)

One Shell.
All your fleet solutions.

Your tools

- Shell Card
- Shell Fleet Hub
- Shell APIs
- Shell Fleet App
- Shell Fleet Insights powered by Telematics Data

Your future

- Carbon emissions calculating and reporting
- Carbon credits

01

Your tools

Managing your fleet with simpler payment and smarter digital solutions.

Digital & Payment Solutions

Our range of payment and digital solutions offers you powerful insights and greater control.

Shell Card

Track your fuels, electric charging, lubricants, tolls and other mobility expenses with a single payment solution.

Shell Fleet Hub

Manage your cards 24/7 with card controls, real-time transaction data, and simplified reporting – so you can make faster, smarter decisions.

Shell APIs

Automate processes and manual tasks to limit admin time by integrating Shell Apps and Shell Card data and services into your own systems, apps and websites.

Shell Fleet App

For small business owners this app offers you discounts and credit terms for your fuel and EV charging, provides instant access to digital VAT-compliant invoices – and more.

Your tools

Shell Card

One card for easy charging, fuelling and services on the road.

Security

Decide how and when your cards are used and spot potential fraud via advanced detection systems, with contactless payment available in many countries.

Flexibility

Purchase a wide range of non-fuel items, from lubricants to vehicle washes and even food.

Points

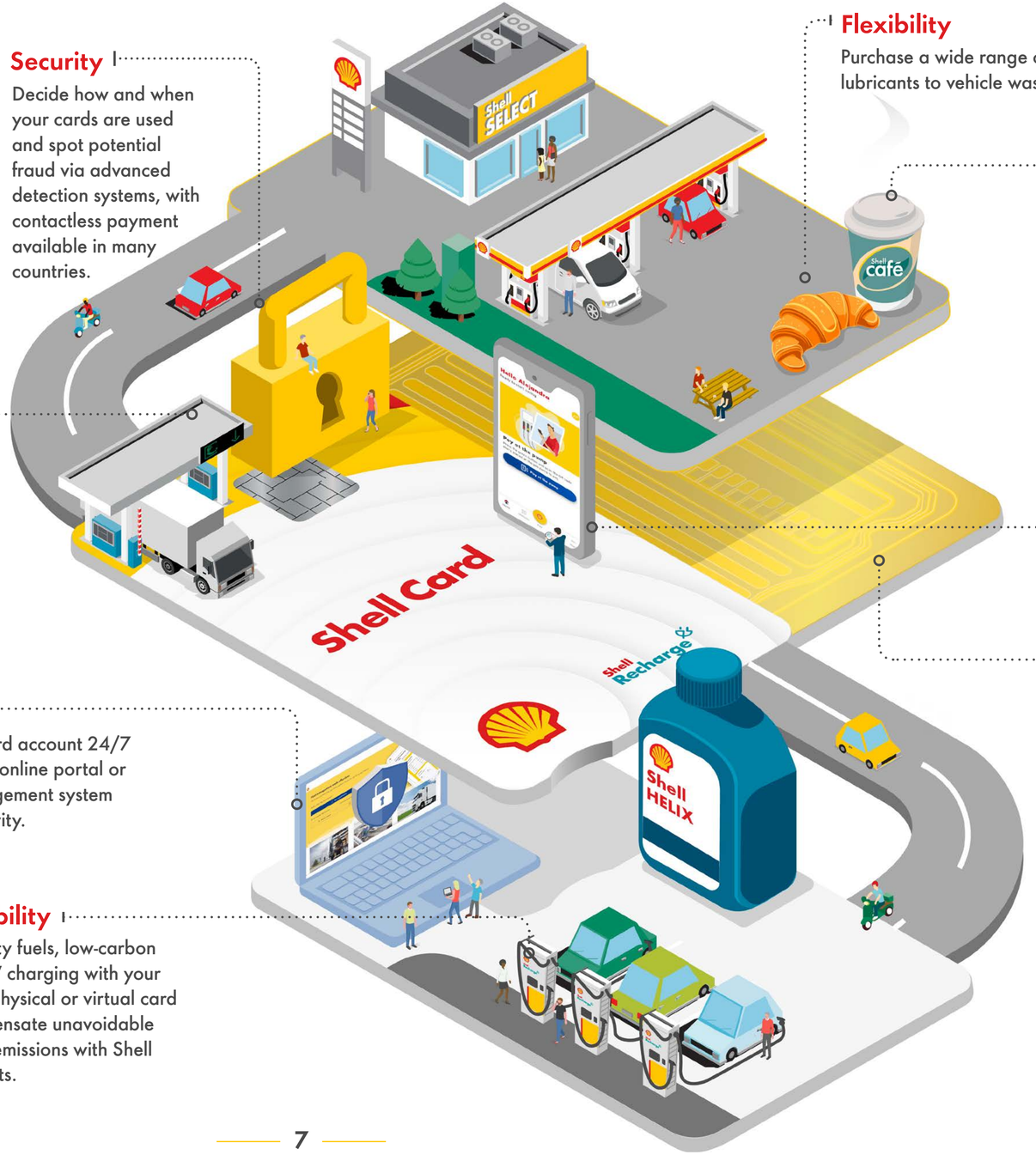
Earn and redeem loyalty points on every purchase and enjoy discounts and rewards with Shell's loyalty programmes.

Speed

Make rapid secure payments without having to leave the vehicle using Shell SmartPay.

Convenience

Use one card and one invoice for your mobility needs - fuel, EV charging, tolls, lubricants, and more - across a vast global network.



Future-ready

Pay effortlessly with EMV* technology. Enjoy real-time card configuration for new services, without needing a new card.

Control

Manage your Shell Card account 24/7 via the Shell Fleet Hub online portal or within your fleet management system thanks to API connectivity.

Sustainability

Access quality fuels, low-carbon fuels, and EV charging with your choice of a physical or virtual card – and compensate unavoidable fuel-related emissions with Shell carbon credits.

*Europay, Mastercard, and Visa

Features and availability may vary by market. Please check with your local Shell representative for specific offerings in your region.

Your tools

Shell Fleet Hub

All your data, anywhere, at any time.

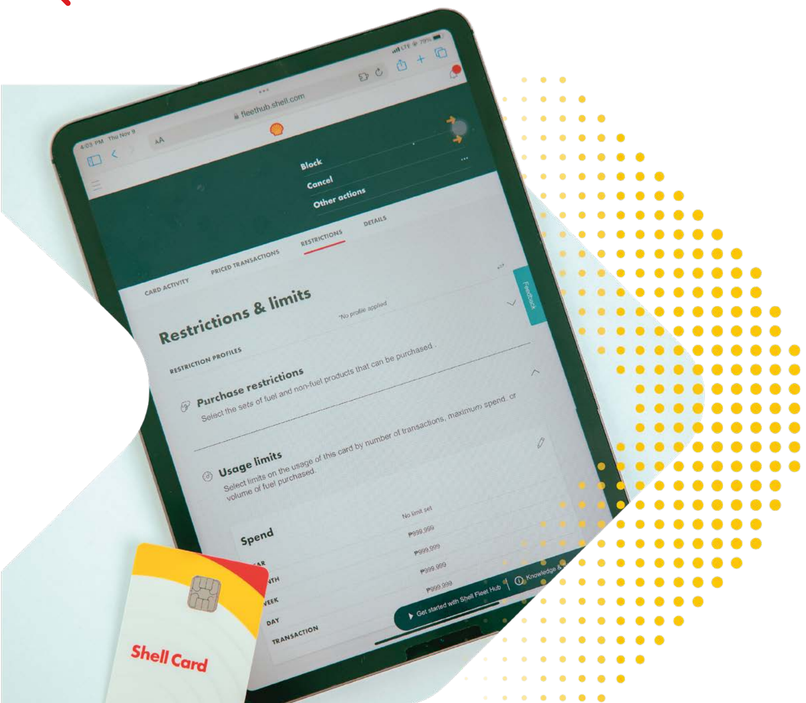
The Shell Fleet Hub is an online portal for medium and large fleets – making tasks like invoicing and monitoring transactions quicker and easier.

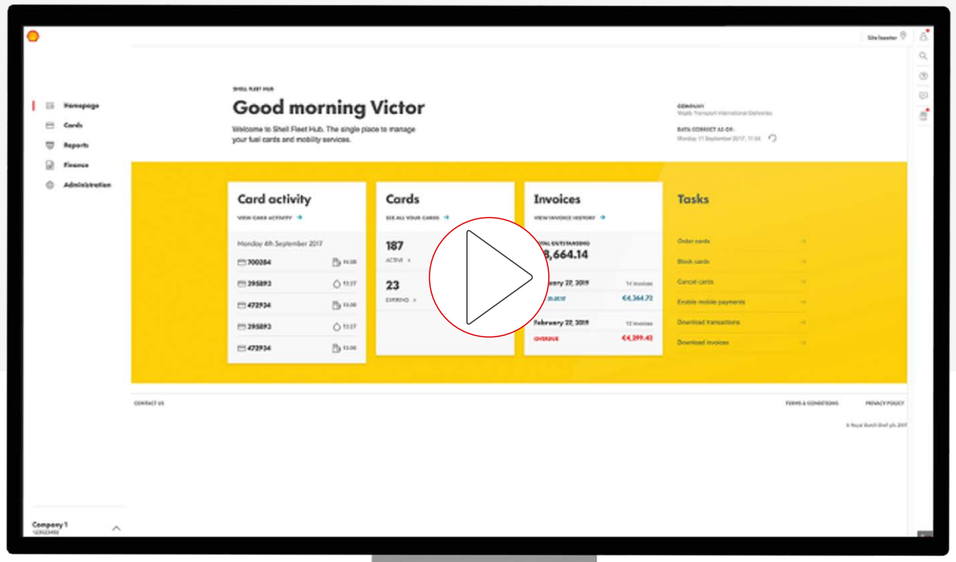
Delivers full control of your fleet operations by giving you access to your fleet data anywhere, at any time.

- Invoicing
- Vehicle and device management
- Card management
- Notifications and alerts
- Reporting and documentation
- Administration

Enabled with safety features to deter fraudulent activity and help fleet managers closely monitor spending, including:

- Instant card blocking
- Fuel purchase limits
- E-pin codes
- Multi-factor authentication
- Real time detection





Your tools

Smart. Secure. Always at your fingertips!

Effortlessly manage your fleet with Shell Fleet Hub's seamless integration and advanced security features, ensuring 24/7 visibility and real time control from any internet-connected device, wherever you are.

Administration

- Save time and reduce administrative workload.
- 24/7 access, from any internet-connected device.
- Create user accounts, assign permissions, and enable invoice notifications effortlessly.

Cards

- Gain complete control over your fleet cards.
- Easily order, block and unblock fuel and hybrid cards, and set up limits and restrictions to manage your expenses efficiently.

Finance

- Ensure you have full control over your expenses at any time.
- Stay on top of your finances with near real-time transaction monitoring, credit limit checks and downloadable invoices.

Security

- Protect your fleet with two factor authentication (2FA), customisable security alerts and notifications.
- Set limits for cards and receive immediate alerts for unusual transactions, helping you react quickly to potential issues.

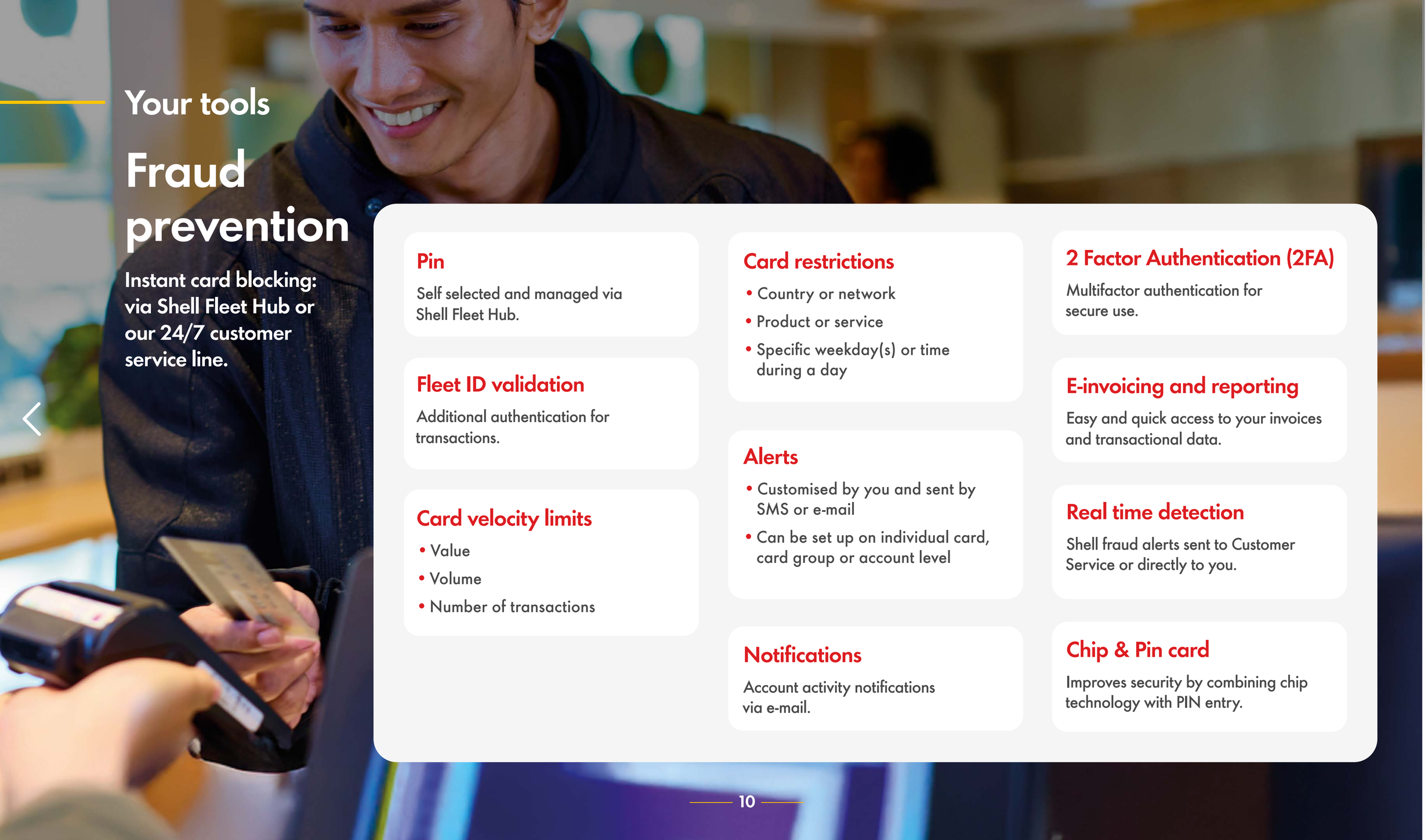
Reports

- Make informed decisions with comprehensive reporting.
- Configure and download reports on, e.g., transaction and fuel consumption, to closely monitor your spending.

Tolls

- Access smooth and efficient fleet operations by managing your toll and non-fuel vehicle expenses seamlessly with one card.
- Order and manage toll boxes, Euro vignettes and subscriptions.

Check out our video guides.



Your tools

Fraud prevention

Instant card blocking: via Shell Fleet Hub or our 24/7 customer service line.

Pin

Self selected and managed via Shell Fleet Hub.

Fleet ID validation

Additional authentication for transactions.

Card velocity limits

- Value
- Volume
- Number of transactions

Card restrictions

- Country or network
- Product or service
- Specific weekday(s) or time during a day

Alerts

- Customised by you and sent by SMS or e-mail
- Can be set up on individual card, card group or account level

Notifications

Account activity notifications via e-mail.

2 Factor Authentication (2FA)

Multifactor authentication for secure use.

E-invoicing and reporting

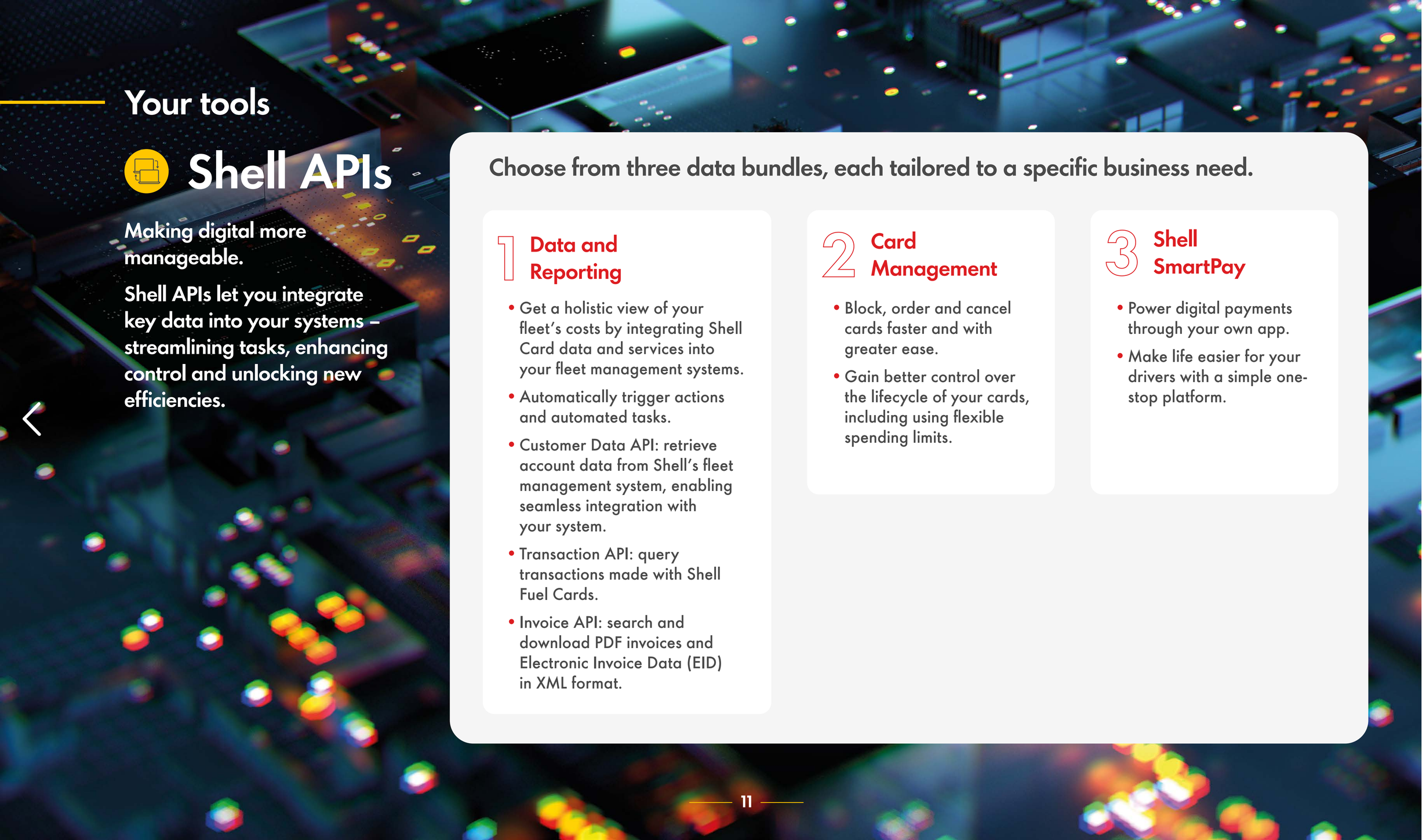
Easy and quick access to your invoices and transactional data.

Real time detection

Shell fraud alerts sent to Customer Service or directly to you.

Chip & Pin card

Improves security by combining chip technology with PIN entry.



Your tools

Shell APIs

Making digital more manageable.

Shell APIs let you integrate key data into your systems – streamlining tasks, enhancing control and unlocking new efficiencies.

Choose from three data bundles, each tailored to a specific business need.

1 Data and Reporting

- Get a holistic view of your fleet's costs by integrating Shell Card data and services into your fleet management systems.
- Automatically trigger actions and automated tasks.
- Customer Data API: retrieve account data from Shell's fleet management system, enabling seamless integration with your system.
- Transaction API: query transactions made with Shell Fuel Cards.
- Invoice API: search and download PDF invoices and Electronic Invoice Data (EID) in XML format.

2 Card Management

- Block, order and cancel cards faster and with greater ease.
- Gain better control over the lifecycle of your cards, including using flexible spending limits.

3 Shell SmartPay

- Power digital payments through your own app.
- Make life easier for your drivers with a simple one-stop platform.

Shell Fleet App

Easy admin for small fleets of up to 30 vehicles.

Get everything running smoothly with our all-in-one fleet management app.

Keep your business flowing

Take control

- Set limits and track fuel use on-the-go

Enjoy convenience

- Access a vast network of Shell and 3rd party sites

Save time

- Seamless, paperless VAT compliant invoicing
- Quick sign up within 10 minutes
- Automated payments

Save money

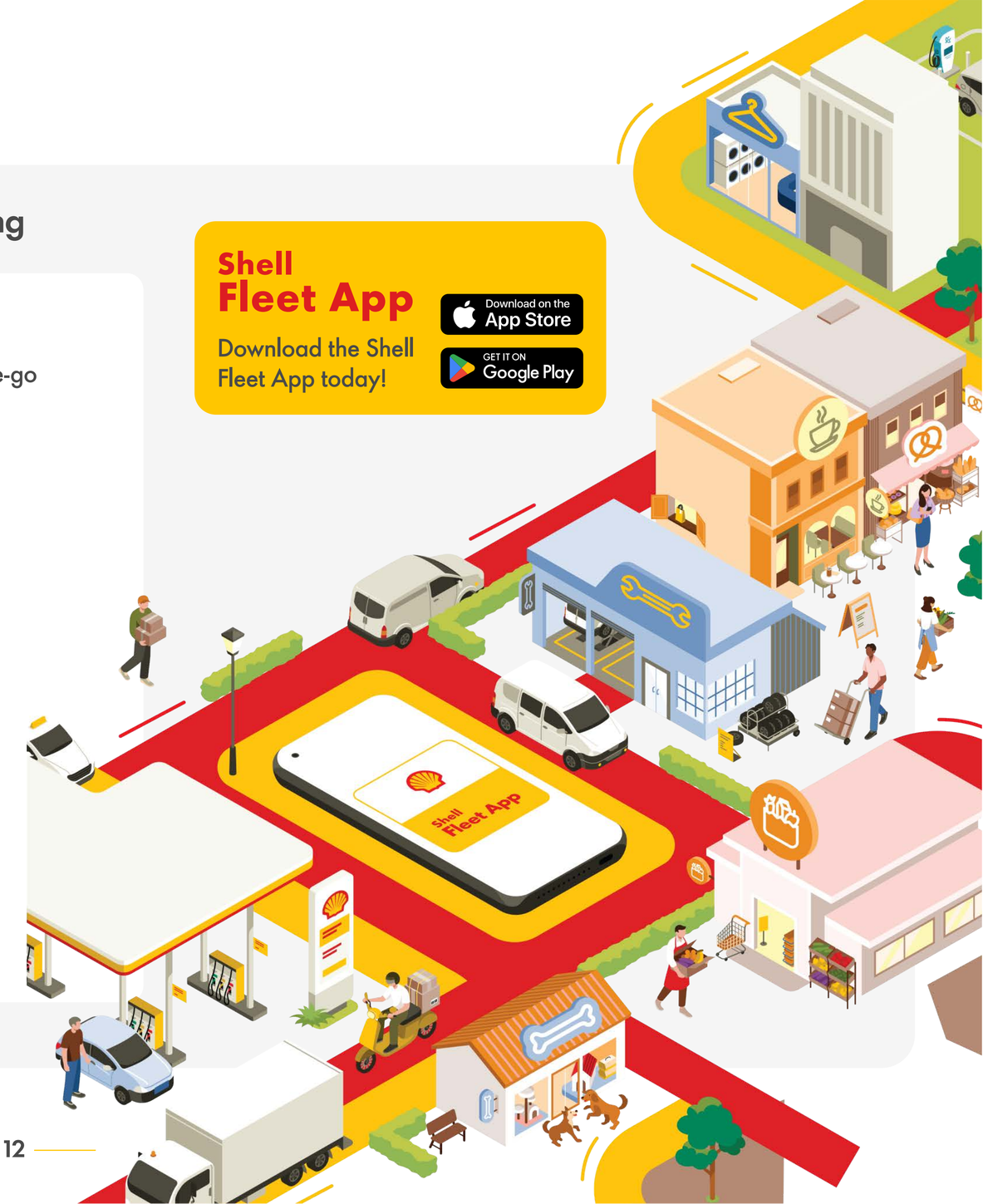
- Cash flow made easy with fuel credit

Shell Fleet App

Download the Shell Fleet App today!

Download on the App Store

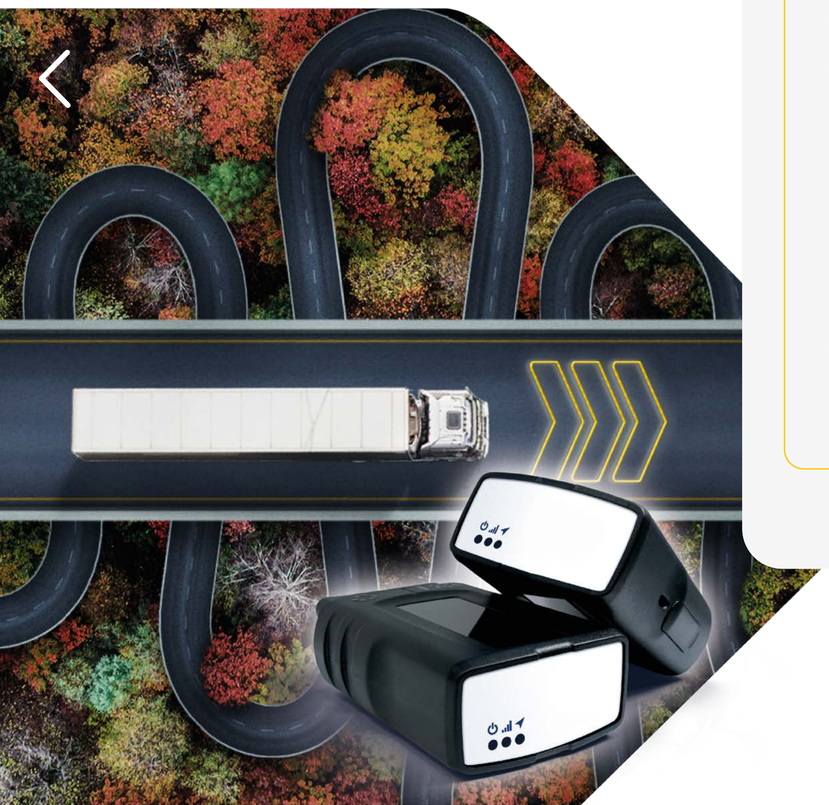
GET IT ON Google Play



Your tools

Shell Fleet Insights

Powered by telematics data: Telematics Data integration to optimise fleet management.



Shell Card + Telematics Partner = Shell Fleet Insights

A unique integrated insights package combining Shell Card data with Telematics Data. A Shell Card will be required to access the integrated data package. Data integration helps fleet customers make better informed decisions, optimising efficiency, safety and sustainability.

Features

- Easy to use
- Graphical views
- Accurate real-time spend
- Enables improved reporting
- Informs decision-making
- Easy integration with internal systems
- Suspicious activity details

Benefits*

- Fuel use and emissions data
- Fuel fraud monitoring
- Driver safety and behaviour
- Workforce efficiency
- Sustainable targets measurement
- Dispatching and navigation

*Benefits may vary depending on Telematic Partner

Your tools

Shell Fleet Insights powered by Telematics Data

Real-time insights to help you get the best out of your fleet.

Decision-making insights

Turn data gathered from your vehicle and Shell Cards into insights that can support decision-making across your fleet operations, from maintenance to fuel efficiency.

Vehicle performance reports

Get insights into driver behaviours such as harsh braking and fuel-efficient routes to deliver fuel economy improvements.

Telematics can help you to:

- Reduce total cost of ownership
- Increase efficiency
- Improve safety and security
- Deliver fuel economy improvements
- Assess your fleet's EV suitability

Live map and journey history

Review all journeys made and track live location and movement of all vehicles with satellite map view, Google Street View and live traffic information.

EV Support

Our EV Suitability Assessment (EVSA) provides insights on which vehicles in your fleet are best candidates for replacement by EVs – to support your EV transition and decarbonisation roadmap. Easy installation and support is available for the largest set of EV makes and models.

Figures are from Gartner Market Guide for Transportation Mobility Technology.

- ↑ **20%** Fuel economy
- ↓ **15%** Carbon Footprint
- ↓ **20%** Safety Incidents
- ↓ **75%** Harsh braking
- ↓ **20%** Driving hours
- ↓ **20%** Engine Idling

02

Your energy

Powering your vehicles with high quality fuels, low-carbon fuels and EV charging.

Your energy

High performance quality fuels

A single range of world-class fuels that drive engine efficiency and increase fuel economy.

Shell V-Power

Shell V-Power is designed to keep your fleet's engines performing like new – fill after fill, drive after drive.

- 100% cleans and protects vital engine parts[1]
- Fights performance-robbing deposits[2]
- Prevents IDID2 and EGR system[3] build-up
- Offers unbeatable protection against corrosion[4]
- Supports better fuel economy and longer lasting engines
- Used, trusted and recommended by Scuderia Ferrari HP
- Shell V-Power: advanced fuels for fleets that demand more.

Shell FuelSave

Shell FuelSave is designed to help fleets go further with less – improving fuel economy while supporting engine efficiency across every journey.

- Scientifically proven to improve fuel economy by 2% (3.75% for heavy-duty vehicles) to help give you more kilometres per tank and more value for your business[5].
- Our deposit-targeting additive cleans key fuel system components such as intake valves and fuel injectors from the build-up of performance-robbing deposits[5].
- Protects against wear and corrosion to help keep your fleet engines running efficiently, maximising your fleet's value[5].

Shell FuelSave: High efficiency fuels to give you even more.

Footnotes showing disclaimers on page 28

Your energy

Low carbon fuels

Shell LNG Shell BioLNG

- Shell LNG and Shell BioLNG are practical and alternative low-carbon fuels for heavy-duty vehicles.
- LNG and bio-LNG-fuelled vehicles provide similar driving range, engine power and performance to that of equivalent conventional heavy-duty diesel-fuelled vehicles.
- Shell BioLNG is a drop-in fuel made from biofeedstocks[1] leading to less CO_2e[2] emissions on a life cycle basis compared to LNG[3].
- Shell LNG can help to emit less lifecycle CO_2e[1] emissions of heavy-duty vehicle operation by up to 18% compared to B7 diesel[2], depending on engine type.

Shell Renewable Diesel

- Shell Renewable Diesel is a viable low-carbon alternative. It's a drop-in fuel that can be used directly in diesel engines[1].
- In Europe, Shell Renewable Diesel offers up to 90% less CO_2e[1] emissions compared to B7 diesel[2] on a lifecycle basis[4].

Footnotes showing disclaimers on page 28

Your energy

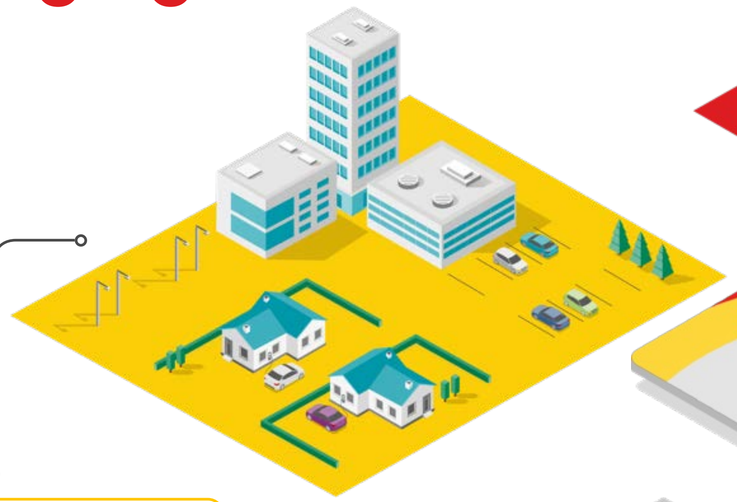
End-to-end EV charging solutions

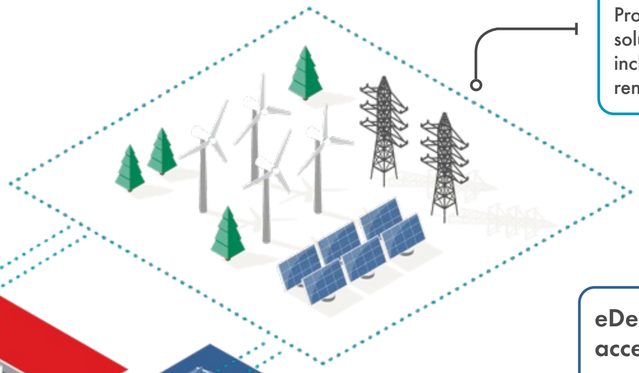
eDepot charging for heavy-duty fleets

Providing customised solution design, high-quality DC charging hardware and maintenance services for truck fleets – managed by a bespoke charge point management system for optimisation.

Onsite energy solutions

Providing innovative energy solutions for businesses, including 100% certified renewable electricity.



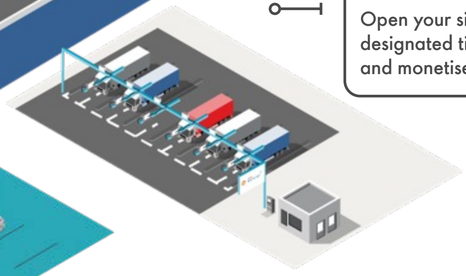


eDepot+ charging with access for third parties

Builds on the private eDepot model by enabling controlled third-party access. This includes subcontractors, partner fleets and selected external users.

AC charging solutions via third party collaborations

Collaborating with EV charging solutions providers to offer AC charging options for employees and guests. Providing automatic reimbursement via the Shell Card.



Semi-public eDepot charging for optimal utilisation

Open your site to Shell Card users at designated times to improve utilisation and monetise your infrastructure.

Roaming network

Access to a wide network of 3rd party public charge points via the Shell Card.

Shell Recharge sites for light-duty fleets

Offering forecourt, destination and street charging. We provide a range of fast, rapid and ultra-rapid charge points.

Shell Recharge sites for heavy-duty fleets

Public truck charging sites at key transport corridors. Shell Recharge heavy-duty vehicle stations offer Book & Charge function.

Your energy

EV charging on-the-go

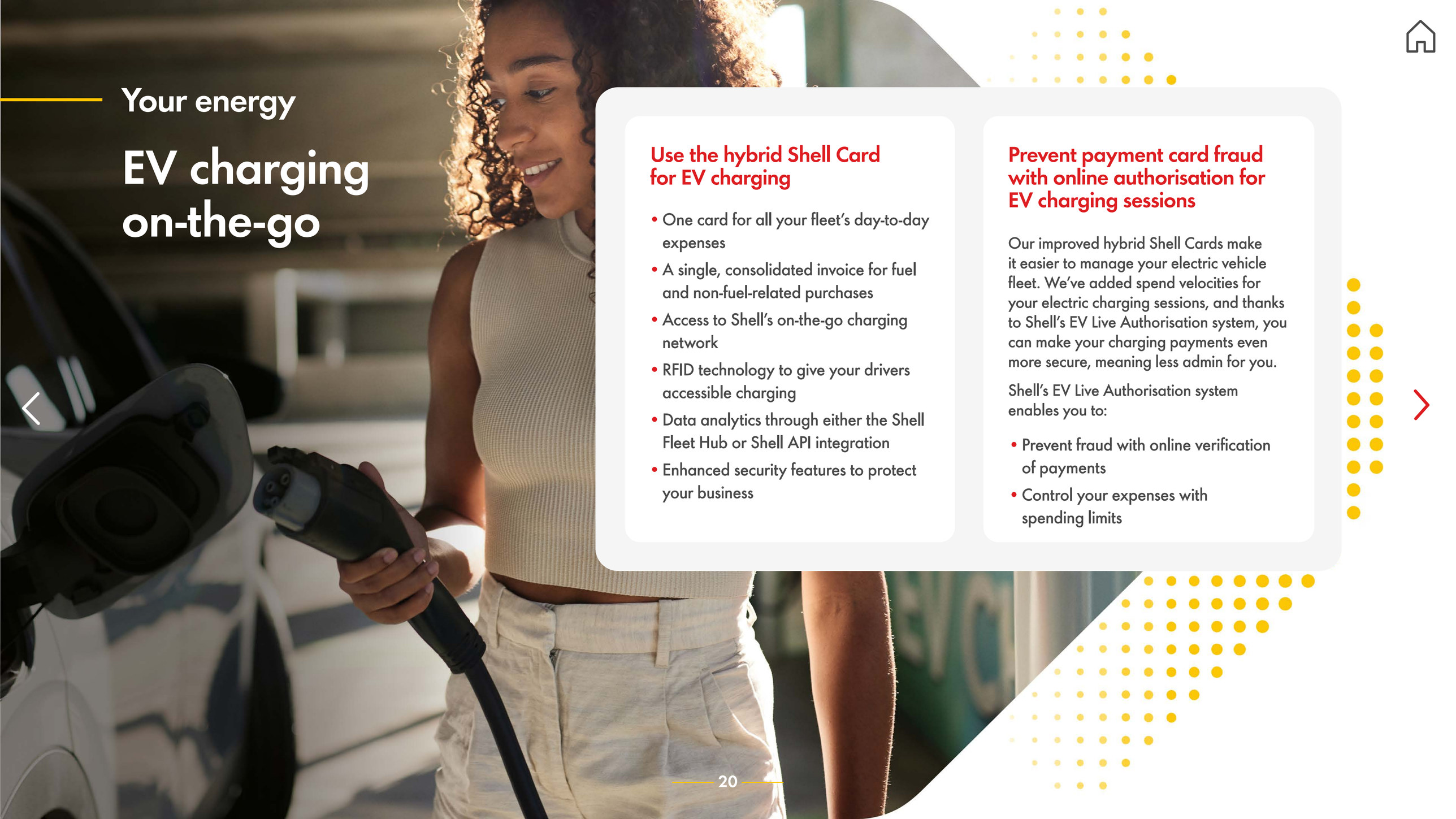
Smarter, faster, more convenient on-the-go charging.

We help our drivers work more productively by making electric vehicle (EV) fast charging solutions easier to find while on-the-go. We do this by providing:

- Access to Shell Recharge charge points around the world
- Access to a wide third-party roaming network in Europe
- Rapid and ultra-rapid charging options
- A one-stop shop for EV charging (from network access to payment solutions)

Shell provides fleets with convenient ways to charge their EVs on-the-go, however far they're travelling.

Public charging has never been easier.



Your energy

EV charging on-the-go

Use the hybrid Shell Card for EV charging

- One card for all your fleet's day-to-day expenses
- A single, consolidated invoice for fuel and non-fuel-related purchases
- Access to Shell's on-the-go charging network
- RFID technology to give your drivers accessible charging
- Data analytics through either the Shell Fleet Hub or Shell API integration
- Enhanced security features to protect your business

Prevent payment card fraud with online authorisation for EV charging sessions

Our improved hybrid Shell Cards make it easier to manage your electric vehicle fleet. We've added spend velocities for your electric charging sessions, and thanks to Shell's EV Live Authorisation system, you can make your charging payments even more secure, meaning less admin for you.

Shell's EV Live Authorisation system enables you to:

- Prevent fraud with online verification of payments
- Control your expenses with spending limits

Your energy
eDepot charging

A complete charging solution at your location and depot.

Shell's eDepot charging solves the challenge of charging electric trucks at your own location – streamlining EV charging operations, and reducing the total cost of ownership. We install, maintain and support the entire EV infrastructure at your depot specialising in the below solutions:

- Solution design and engineering
- High performance hardware and power supply systems
- Smart software
- Energy management systems
- Energy supply
- Support and maintenance services
- Integrated payment solution

These solutions are customisable and scalable depending on your requirements.

03

Your future

Optimising your operations now for higher efficiency and lower emissions compared to conventional diesel.

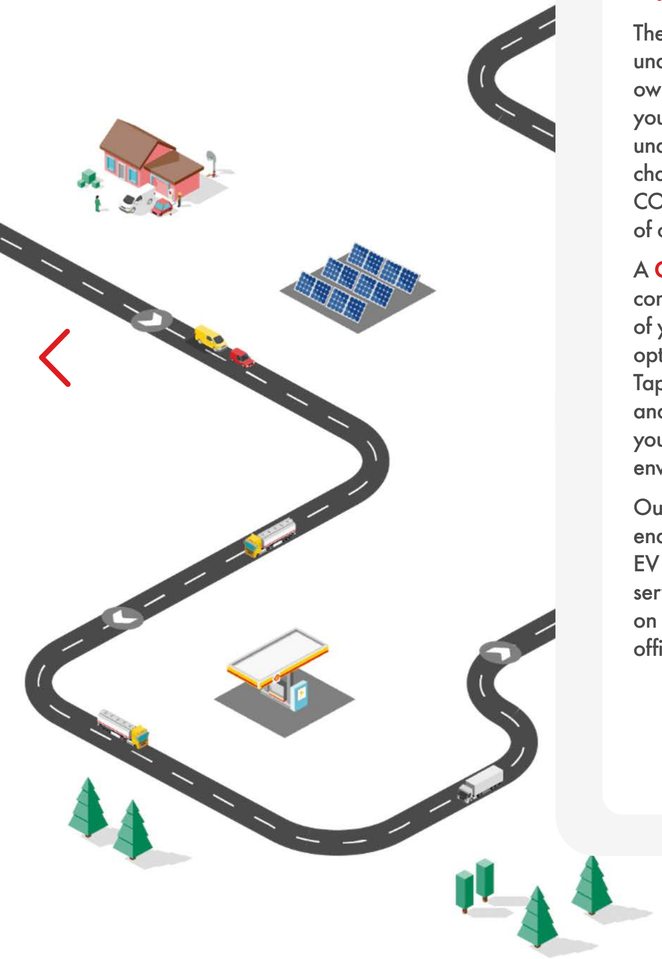
Your future

A2Z

Accelerate to Zero focuses on our existing fuel products, lower carbon fuels, electrification, and net zero products via Avoid, Reduce and Compensate GHG emissions. It doesn't matter where you are in your sustainability journey, our products are already helping our customers accelerate to a lower carbon future. You can be sure of Shell across every step of your energy journey.

Accelerate to zero

Your future
A2Z



Avoid

The **TCO Calculator** gives you a better understanding of the total cost of ownership involved with decarbonising your fleet. Its metrics provide an understanding of the potential value of changing vehicle types, both in terms of CO_2e emission reductions and total cost of ownership.

A **Glidepath Study** provides a comprehensive and expert analysis of your fleet business, reviewing your options for changing powertrains. Tap into a wealth of expertise and resources that can guide you confidently towards reduced environmental impact.

Our **EV Solutions** offer a range of end-to-end mobility solutions, from EV charging at depots to energy as a service, charging on-the-go, charging on the street and integrated home and office charging via our partnerships.

Reduce

While you explore your best options for decarbonising, **Shell Fuel Save** has been independently proven by internal and external experts to save fuel [and reduce CO_2] by up to 3.75% [by cleaning more thoroughly than ever before[1]].

Shell Renewable Diesel is a drop-in fuel that can be used directly in diesel engines of your existing fleet[2]. In Europe, Shell Renewable Diesel offers up to 90% less CO_2e[3] emissions compared to B7 diesel[4] on a life cycle basis[5].

Shell BioLNG is a drop-in fuel made from biofeedstocks[6] leading to less CO_2e[7] emissions on a life cycle basis compared to LNG[8]. Due to its chemical properties that are practically identical to that of LNG, it enables a switch from LNG to bio-LNG without change in infrastructure or equipment.

Shell LNG is less polluting than diesel, producing fewer air pollutants such as NOx, SOx and PMs. In Europe, Shell LNG can help to emit less life cycle CO_2e[7] emissions of heavy-duty vehicle operation by up to 18% compared to B7 diesel[9], depending on engine type.

Shell Lubricants help you overcome the challenge of improving vehicle performance whilst reducing emissions. Shell's Rimula R7 Range is a new generation of engine oil that delivers both durability and efficiency, maintaining protection in the harshest conditions while reducing fuel consumption and emissions output[10].

Shell Fleet Insights integrates Shell Card and telematic data into a single, powerful platform, delivering real-time, actionable intelligence.

Compensate

Shell's Environmental Products
Use carbon credits generated by verified projects for your fleet's unavoidable CO_2 emissions – designed for situations where further reduction or avoidance of your fleet's CO_2 emissions isn't feasible[11]. Shell carbon credits help you on your journey towards decarbonisation.

Footnotes on page 29

Your future

Customer story: G4S

The Accelerate to Zero programme is helping businesses like G4S to achieve their environmental and decarbonisation goals – all while making fleet management easier and more efficient. Watch the video to find out more.

"For a company of our size and scale, it's really important that we lead the industry and Shell Fleet Solutions will help our fleet stay on-the-go."

Fiona Walters, Regional CEO, G4S

"Shell has a wide range of products and services which will help us to achieve our net zero goals. That includes opportunities to move to renewable power, innovative energy solutions and decarbonising mobility."

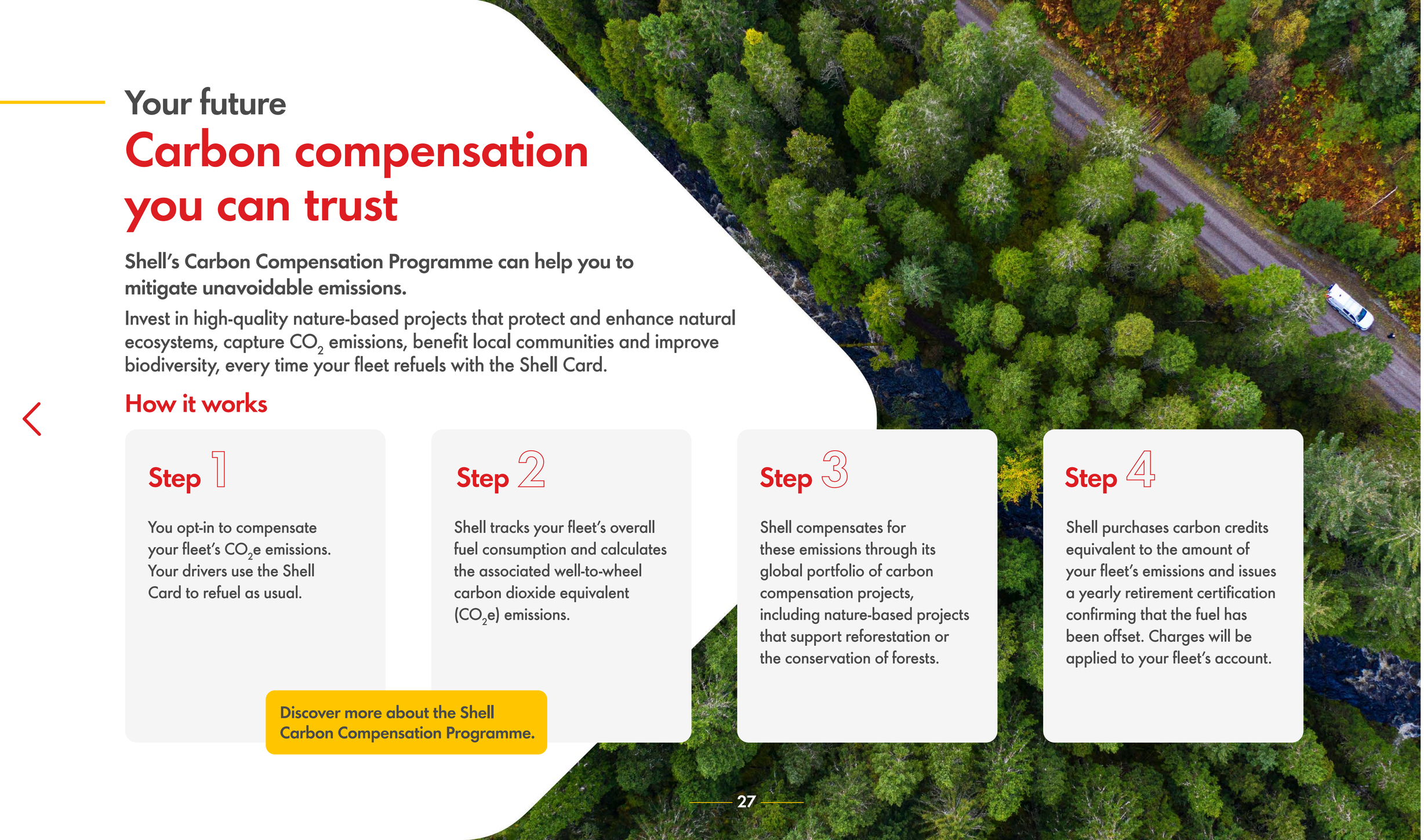
Nigel Lockwood, Head of Governmental Affairs and ESG

Your future

Customer story: DHL

Our payment and digital solutions have enabled DHL to gain greater visibility and control over both fuel and EV expenses, while ensuring its fleet runs at peak performance. This collaboration highlights how Shell supports global leaders like DHL in achieving efficiency, sustainability, and cost-effectiveness across their fleet. Watch the video to find out more.

> "It's essential we maintain our exceptionally high standards, especially as we continue to reduce our carbon footprint and work towards our business goals. That's why we're teaming up with Shell. We've got the right supplier in place to succeed. DHL goes further with Shell."
>
> Julian Neo, Managing Director, DHL



Your future

Carbon compensation you can trust

Shell's Carbon Compensation Programme can help you to mitigate unavoidable emissions.

Invest in high-quality nature-based projects that protect and enhance natural ecosystems, capture CO_2 emissions, benefit local communities and improve biodiversity, every time your fleet refuels with the Shell Card.

How it works

Step 1

You opt-in to compensate your fleet's CO_2e emissions. Your drivers use the Shell Card to refuel as usual.

Step 2

Shell tracks your fleet's overall fuel consumption and calculates the associated well-to-wheel carbon dioxide equivalent (CO_2e) emissions.

Step 3

Shell compensates for these emissions through its global portfolio of carbon compensation projects, including nature-based projects that support reforestation or the conservation of forests.

Step 4

Shell purchases carbon credits equivalent to the amount of your fleet's emissions and issues a yearly retirement certification confirming that the fuel has been offset. Charges will be applied to your fleet's account.

Discover more about the Shell Carbon Compensation Programme.

Your energy fuels footnotes

Disclaimers for p16

1. Removes and protects from the build up of performance robbing deposits on key fuel system components such as intake valves and/or fuel injectors. Cleanliness and engine performance recovery demonstrated using industry standard and Shell proprietary tests. Actual effects and benefits may vary according to vehicle type, vehicle age, vehicle condition and driving style. No guarantees provided.

2. Helps to clean and protect key fuel system components such as diesel fuel injectors from the build up of performance robbing deposits. Shell V-Power Diesel compared with previous generation Shell V-Power Diesel and compared with typical market average deposit levels. Actual effects and benefits may vary according to vehicle type, vehicle condition and driving style. No guarantees provided.

3. Helps to protect the EGR system from the build up of deposits. Based on Shell proprietary methods. Actual effects and benefits may vary according to vehicle type, vehicle condition and driving style. No guarantees provided. See [please check with your local country Shell website] for more information.

4. Measured using industry standard ASTM D665. Actual effects and benefits may vary. No guarantees provided.

5. Helps to clean and protect key fuel system components such as intake valves and/or fuel injectors from the build up of performance robbing deposits. Based on industry standard and Shell proprietary methods. Compared with fuels of the same biocontent. Friction reducing molecules help critical parts of your engine Shell gasoline compared with typical market average deposit level. Shell Diesel compared with industry standard reference fuel. Compared with fuels of the same biocontent. Actual effects and benefits may vary according to vehicle type, vehicle condition and driving style. No guarantees provided.

Disclaimers for p17

Shell BioLNG

1. The most common feedstocks include solid and liquid manure, agricultural waste and residues, industrial food and beverage waste, and the organic fraction of municipal solid waste.

2. CO_2e (CO_2 equivalent) refers to CO_2, CH_4, N_2O.

3. Baseline LNG GHG emissions are calculated by comparing the LNG Well-to-Wheel emissions for the High Pressure Direct Injection (HDPI) engine from the “Greenhouse Gas Intensity of Natural Gas” study by Thinkstep for NGVA Europe (2017). The specific calculation of reduced CO_2e emissions of using Bio-LNG compared to LNG may vary from region to region depending upon feedstocks used and accounting methodology allowed within the market.

Shell LNG

1. CO_2e (CO_2 equivalent) refers to CO_2, CH_4, N_2O.

2. The reduced GHG emissions are calculated by comparing the LNG Well-to-Wheel emissions for the High Pressure Direct Injection (HPDI) engine from the “Greenhouse Gas Intensity of Natural Gas” study by Thinkstep for NGVA Europe (2017). This was compared to a GHG baseline intensity of 90 gCO_2e/MJ on a Well-to-Wheel basis, which is representative of a European Union market B7 diesel. The carbon intensity of the B7 diesel is calculated by Shell using emission factors from the JEC Well-to-Tank report v5. (European Commission, Joint Research Centre, Prussi, M., Yugo, M., De Prada, L., et al., JEC well-to-tank report V5 : JEC well-to-wheels analysis : well-to-wheels analysis of future automotive fuels and powertrains in the European context, Publications Office, 2020. Go to the Publications Office of the European Union website

Shell Renewable Diesel

1. When switching from diesel. Based on Shell’s operability studies and market experience to date. Vehicle handbook and/or label at the fuel tank socket must be checked for OEM approval. Not applicable for passenger cars.

2. Between 80%-90% CO_2e. CO_2e (carbon dioxide equivalent) refers to CO_2, CH_4, N_2O. Applies to Austria, Belgium, Czech Republic, France, Germany, Netherlands.

3. The reduced CO_2e emissions are calculated by comparing to a GHG baseline intensity of 90 gCO_2e/MJ on a Well-to-Wheel basis, which is representative of a European Union market B7 diesel. The carbon intensity of the B7 diesel is calculated by Shell using emission factors from the JEC Well-to-Tank report v5 and Shell internal studies. (Link: European Commission, Joint Research Centre, Prussi, M., Yugo, M., De Prada, L., et al., JEC well-to-tank report V5 : JEC well-to-wheels analysis: well-to-wheels analysis of future automotive fuels and powertrains in the European context, Publications Office, 2020.
Go to the Publications Office of the European Union website

4 The full life-cycle assessment of a product's CO_2e emissions includes emissions associated with feedstock production, feedstock transport, fuel production, fuel transportation and distribution as well as end use and/or combustion.

Your future A2Z footnotes

1. Helps to clean and protect key fuel system components such as fuel injectors from the build-up of performance robbing deposits and hidden internal injector deposits. Compared to regular diesel without performance additives and with the same level of biocomponent. Based on Shell proprietary test methods in a range of HD engines/vehicles (including on-road and off-road technology). Compared to regular diesel, showing up to a 3.75% fuel economy benefit under equivalent steady state conditions at the end of test. Actual savings may vary according to vehicle, driving conditions and driving style.

2. When switching from diesel. Based on Shell's operability studies and market experience to date. Vehicle handbook and/or label at the fuel tank socket must be checked for OEM approval. Not applicable for passenger cars.

3. Between 80%-90% CO_2e. CO_2e (carbon dioxide equivalent) refers to CO_2, CH_4, N_2O. Applies to Austria, Belgium, Czech Republic, France, Germany, Netherlands.

4. The reduced CO_2e emissions are calculated by comparing to a GHG baseline intensity of 90 gCO_2e/MJ on a Well-to-Wheel basis, which is representative of a European Union market B7 diesel. The carbon intensity of the B7 diesel is calculated by Shell using emission factors from the JEC Well-to-Tank report v5 and Shell internal studies. (Link: European Commission, Joint Research Centre, Prussi, M., Yugo, M., De Prada, L., et al., JEC well-to-tank report V5: JEC well-to-wheels analysis: well-to-wheels analysis of future automotive fuels and powertrains in the European context, Publications Office, 2020.
Go to the Publications Office of the European Union website

5. The full life cycle assessment of a product's CO_2e emissions includes emissions associated with feedstock production, feedstock transport, fuel production, fuel transportation and distribution and combustion.

6. The most common feedstocks include solid and liquid manure, agricultural waste and residues, industrial food and beverage waste, and the organic fraction of municipal solid waste.

7. CO_2e (CO_2 equivalent) refers to CO_2, CH_4, N_2O.

8. Baseline LNG GHG emissions are calculated by comparing the LNG Well-to-Wheel emissions for the High Pressure Direct Injection (HDPI) engine from the "Greenhouse Gas Intensity of Natural Gas" study by Thinkstep for NGVA Europe (2017). The specific calculation of reduced CO_2e emissions of using bio-LNG compared to LNG may vary from region to region depending upon feedstocks used and accounting methodology allowed within the market.

9. Calculated by comparing the LNG Well-to-Wheel emissions for a High Pressure Direct Injection (HPDI) engine from the "Greenhouse Gas Intensity of Natural Gas" study by Thinkstep for NGVA Europe (2017) to a GHG baseline intensity of 90.2 gCO_2e/MJ on a Well-to-Wheel basis, representative of a European Union market B7 diesel and calculated by Shell with emission factors from JEC Well-to-Tank report v5. Go to the Publications Office of the European Union website

10. Based on OM646LA engine test compared with ACEA C3 specification.

11. Carbon credit standards include the Verified Carbon Standard, Gold Standard, American Carbon Registry and the Climate, Community and Biodiversity Standards.

11 (1). We aim to support high quality carbon credit projects that help make a positive impact by helping to avoid or reduce emissions, and often delivering other co-benefits such as improved biodiversity, protection of wildlife and support for local communities. As part of our commitment to supporting high quality projects, we only offer carbon credits that hold independent third-party accreditation under an internationally-recognised standard (e.g. Verra, Gold Standard, American Carbon Registry) and also undertake our own enhanced due diligence processes to assess projects against Shell's quality markers.

11 (2). The term "Product with carbon credits" does not imply that the product is a substitute for switching to low-emission energy solutions or reducing fossil fuel usage. Although carbon credits aim to compensate for CO_2 emissions, actual emissions will still be released into the atmosphere. These carbon credits have been generated in accordance with international carbon standards, but the compensation is based on best available estimates and may not be exact. Shell businesses encourage their customers to focus first on emissions that can be avoided or reduced and only then compensate the remaining emissions through the purchase and retirement of voluntary carbon credits.

"Product with carbon credits" indicates that Shell will engage in a transaction where an amount of CO_2 equivalent [LD1] to the estimated emissions from the product's lifecycle including raw material extraction, transport, production, distribution and usage / end-of-life is intended to be compensated through the purchase and retirement of carbon credits. As the full lifecycle emissions cannot be calculated, the compensation is based on best available estimates.

Cautionary Note

The companies in which Shell plc directly and indirectly owns investments are separate legal entities. In this content "Shell", "Shell Group" and "Group" are sometimes used for convenience to reference Shell plc and its subsidiaries in general. Likewise, the words "we", "us" and "our" are also used to refer to Shell plc and its subsidiaries in general or to those who work for them. These terms are also used where no useful purpose is served by identifying the particular entity or entities. ''Subsidiaries'', "Shell subsidiaries" and "Shell companies" as used in this content refer to entities over which Shell plc either directly or indirectly has control. The terms "joint venture", "joint operations", "joint arrangements", and "associates" may also be used to refer to a commercial arrangement in which Shell has a direct or indirect ownership interest with one or more parties. The term "Shell interest" is used for convenience to indicate the direct and/or indirect ownership interest held by Shell in an entity or unincorporated joint arrangement, after exclusion of all third-party interest.

Forward-Looking statements

This content contains forward-looking statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) concerning the financial condition, results of operations and businesses of Shell. All statements other than statements of historical fact are, or may be deemed to be, forward-looking statements. Forward-looking statements are statements of future expectations that are based on management's current expectations and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in these statements. Forward-looking statements include, among other things, statements concerning the potential exposure of Shell to market risks and statements expressing management's expectations, beliefs, estimates, forecasts, projections and assumptions. These forward-looking statements are identified by their use of terms and phrases such as "aim"; "ambition"; ''anticipate''; "aspire", "aspiration", ''believe''; "commit"; "commitment"; ''could''; "desire"; ''estimate''; ''expect''; ''goals''; ''intend''; ''may''; "milestones"; ''objectives''; ''outlook''; ''plan''; ''probably''; ''project''; ''risks''; "schedule"; ''seek''; ''should''; ''target''; "vision"; ''will''; "would" and similar terms and phrases. There are a number of factors that could affect the future operations of Shell and could cause those results to differ materially from those expressed in the forward-looking statements included in this content, including (without limitation): (a) price fluctuations in crude oil and natural gas; (b) changes in demand for Shell's products; (c) currency fluctuations; (d) drilling and production results; (e) reserves estimates; (f) loss of market share and industry competition; (g) environmental and physical risks, including climate change; (h) risks associated with the identification of suitable potential acquisition properties and targets, and successful negotiation and completion of such transactions; (i) the risk of doing business in developing countries and countries subject to international sanctions; (j) legislative, judicial, fiscal and regulatory developments including tariffs and regulatory measures addressing climate change; (k) economic and financial market conditions in various countries and regions; (l) political risks, including the risks of expropriation and renegotiation of the terms of contracts with governmental entities, delays or advancements in the approval of projects and delays in the reimbursement for shared costs; (m) risks associated with the impact of pandemics, regional conflicts, such as the Russia-Ukraine war and the conflict in the Middle East, and a significant cyber security, data privacy or IT incident; (n) the pace of the energy transition; and (o) changes in trading conditions. No assurance is provided that future dividend payments will match or exceed previous dividend payments. All forward-looking statements contained in this content are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. Readers should not place undue reliance on forward-looking statements. Additional risk factors that may affect future results are contained in Shell plc's Form 20-F and amendment thereto for the year ended December 31, 2024. Go to the SEC filings web page

Go to the U.S. Securities and Exchange Commission website

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Shell's net carbon intensity

Also, in this content we may refer to Shell's "net carbon intensity" (NCI), which includes Shell's carbon emissions from the production of our energy products, our suppliers' carbon emissions in supplying energy for that production and our customers' carbon emissions associated with their use of the energy products we sell. Shell's NCI also includes the emissions associated with the production and use of energy products produced by others which Shell purchases for resale. Shell only controls its own emissions. The use of the terms Shell's "net carbon intensity" or NCI is for convenience only and not intended to suggest these emissions are those of Shell plc or its subsidiaries.

Shell's net-zero emissions target

Shell's operating plan and outlook are forecasted for a three-year period and ten-year period, respectively, and are updated every year. They reflect the current economic environment and what we can reasonably expect to see over the next three and ten years. Accordingly, the outlook reflects our Scope 1, Scope 2 and NCI targets over the next ten years. However, Shell's operating plan and outlook cannot reflect our 2050 net-zero emissions target, as this target is outside our planning period. Such future operating plans and outlooks could include changes to our portfolio, efficiency improvements and the use of carbon capture and storage and carbon credits. In the future, as society moves towards net-zero emissions, we expect Shell's operating plans and outlooks to reflect this movement. However, if society is not net zero in 2050, as of today, there would be significant risk that Shell may not meet this target.

Forward-Looking non-GAAP measures

This content may contain certain forward-looking non-GAAP measures such as adjusted earnings and divestments. We are unable to provide a reconciliation of these forward-looking non-GAAP measures to the most comparable GAAP financial measures because certain information needed to reconcile those non-GAAP measures to the most comparable GAAP financial measures is dependent on future events some of which are outside the control of Shell, such as oil and gas prices, interest rates and exchange rates. Moreover, estimating such GAAP measures with the required precision necessary to provide a meaningful reconciliation is extremely difficult and could not be accomplished without unreasonable effort. Non-GAAP measures in respect of future periods which cannot be reconciled to the most comparable GAAP financial measure are calculated in a manner which is consistent with the accounting policies applied in Shell plc's consolidated financial statements.

The contents of websites referred to in this content do not form part of this content.

We may have used certain terms, such as resources, in this content that the United States Securities and Exchange Commission (SEC) strictly prohibits us from including in our filings with the SEC. Investors are urged to consider closely the disclosure in our Form 20-F and any amendment thereto, File No 1-32575, available on the SEC website.

Go to the U.S. Securities and Exchange Commission website

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