Effectively Switching To Electric Vehicles.

A Business Guide For UK Growing Fleets.

HYUNDAI

The Electric Evolution:
A New Era for Your Fleet.

The automotive landscape is changing rapidly. Electric vehicles (EVs) are no longer a futuristic concept; The transition to EVs is no longer a question of "if" but "when".

They are a present-day reality offering growing UK small and medium-sized businesses a compelling opportunity to evolve or potentially revolutionise their fleets.

The shift to EVs presents an opportunity to lower costs, reduce environmental impact, and future-proof operations. However, concerns around costs, charging infrastructure, and operational disruption can make the switch seem challenging.

This guide, brought to you by Hyundai Business, is designed to demystify the transition to Electric vehicles (EVs). We'll explore the substantial benefits, address the common challenges, and, most importantly, provide a clear guidance on aspects to consider to help your business make the switch seamlessly and cost-effectively.

Unlocking the Business Benefits:
The Financial Case for EVs.

Beyond the environmental advantages, the financial benefits of transitioning to an electric fleet are undeniable. For budget-conscious SMEs, these savings can significantly impact the bottom line.

Dramatically Lower Running Costs:

EVs can drastically reduce fuel expenses. According to a recent Fleet News feature, EV running costs "50% less than an equivalent petrol vehicle".
The overall cost of running an electric vehicle (EV) is now £1,154 per annum, which is 50.2% less than the £2,316 equivalent cost to run a conventional petrol-driven car over the same period, new research suggests. The research (link to findings below) suggests it is with refuelling/recharging that the difference in running costs is greatest.
The average petrol car driver covering 10,000 miles a year would spend £1,209 on fuel, compared to the £174 that an EV driver would spend on electricity to power an EV over the same distance. Businesses have the potential to significantly make savings on their monthly fleet fuel bill! – you can compare the fuel cost savings using useful tools like the ZapMap journey cost calculator - here

Hyundai also have their own fuel cost calculator here:

According to a recent Fleet News article, the average EV can cost up to 50% less per mile to run vs petrol equivalents*

*Source Fleet News article Feb 2025 - the figures are based on an EV driver who smart charges at home using a dedicated EV tariff, the current average of which is 7.55p/kWh.

Reduced Maintenance and Servicing:

As noted in the research above, with fewer moving parts compared to internal combustion engines (ICE), EVs require less maintenance and therefore offer the opportunity to reduce costs. Say goodbye to frequent oil changes, spark plug replacements, and exhaust system repairs, which all translate into reduced downtime and lower servicing costs.

Tax Incentives and Government Support:

The UK government actively encourages EV adoption through various incentives. This includes reduced Vehicle Excise Duty (VED) in the first year of just £10 (this does increase in year 2), and attractive Benefit-in-Kind (BiK) tax rates for employees driving company EVs providing substantial financial relief. The UK Government also supports EV adoption for SMEs (for businesses with a maximum of 249 employees) through Electric vehicle infrastructure grants to support with building and installation work for charging points. Get the latest details here.

Compliance with Government Regulations - Congestion Charge and ULEZ Exemptions:

The UK is phasing out new petrol and diesel car sales by 2030. Clean Air Zones (CAZ) and Ultra Low Emission Zones (ULEZ) are expanding, leading to higher costs for businesses operating ICE fleets. In bustling city centres like London, EVs are currently exempt from congestion charges (until December 2025) and Ultra Low Emission Zone (ULEZ) fees, saving your business significant daily expenses.

Future-Proofing Your Fleet:

Stay ahead of regulatory changes and avoid business disruption. Improve fleet longevity by investing in the EV technology that will soon dominate the market, and your fleet drivers will demand as standard.

Top tip: It's important to carefully plan your transition to an electric fleet to ensure you can identify the savings for your business. Taking a holistic approach and educating your drivers how to get the best of a new EV will help you realise the potential financial savings available.

Driving Towards a Sustainable Future:
The Environmental and Social Impact.

Transitioning to an electric fleet is not just about saving money; it's about embracing corporate social responsibility and contributing to a cleaner, more sustainable future.

Significantly Reduce Your Carbon Footprint:

EVs produce zero tailpipe emissions, directly reducing your company's contribution to air pollution and greenhouse gas emissions. This helps combat climate change and creates a healthier environment for everyone.

Demonstrate Environmental Leadership:

Show your customers, employees, and stakeholders that your business is committed to sustainability. This enhances your brand image. and attracts environmentally conscious clients.

Comply with Evolving Environmental Regulations:

With increasing pressure on businesses to reduce their environmental impact, transitioning to EVs ensures compliance with current and future regulations, avoiding potential penalties and fines.

Top tip: Identify a leasing or fleet management company that understands EV transition and can support you in your vehicle requirements. When considering EV charging look for a provider who will support you with all your business needs, be it home or workplace charging. Look at all your fleet needs. Now is a good time to check insurance, fuel card and driver training needs.

Challenges Businesses Face When Transitioning to EVs

While the Benefits of EV Adoption are Clear, Businesses Often Encounter Key Challenges, or Perceived Key Challenges.

Initial Cost Concerns

- Higher upfront costs compared to petrol/diesel vehicles.
- Uncertainty around return on investment (ROI) and long-term cost savings.

Solution: National and local Government grants (to help with the cost of installing charging solutions), exploring flexible leasing options, and lower comparative operational expenses make EVs financially viable.

Charging Infrastructure and Range Anxiety

- Lack of charging stations at business premises or employees' homes.
- Concerns over vehicle range for long-distance travel.

Solution: Improved charging networks, access to helpful charging point mapping, workplace and home charging incentives, and Hyundai's long-range EV options ease concerns.

Operational Disruption and Staff Training

- Transitioning the fleet without disrupting day-to-day operations.
- Ensuring employees understand how to use EVs effectively.

Solution: A phased transition approach, driver training and detailed handovers along with telematics will help optimise fleet performance.

Managing EV Fleet Performance

- Tracking vehicle efficiency, battery life, and operational costs is key.
- Monitoring charging expenditure for home, work and public charging events.
- Minimising fleet downtime - maintain service intervals and use a manufacturer/leasing partner that provides high levels of after sales support (like Hyundai's Fleet Aftersales Charter).

Solution: Telematics and digital fleet management tools provide real-time insights for optimisation. Monitoring all EV charging events will help support best practice and manage cost. Tracking and maintaining vehicles in line with service intervals supported by service plans. Vehicle loan schemes and Roadside Assistance (all offered by Hyundai) help reduce vehicle downtime and minimise business disruption.

Identifying the Right Partners

Identifying partners that take a consultative needs-based approach to your EV requirements is vital - select one that works with you and recommends a phased approach to EV adoption along with consideration of your operational fleet needs and budgets choose:

- A vehicle manufacturer that offers support to help you transition to a range of EV vehicles to suit your driver requirements (City cars, SUVs, Saloons etc).
- A leasing company or funder that understands EV.
- The right partner to install chargers.
- Additional providers to provide supporting services like fleet telematics.

A Step-by-Step Guide to EV Transition:

A Well-planned Strategy is Essential for a Smooth and Successful Transition to EVs.

Considering the following aspects can make the EV fleet transition process more seamless and effective.

1 Assess Your Fleet Needs:

Conduct a thorough analysis of your current fleet, including vehicle usage patterns, daily mileage, and charging needs. Identify vehicles that are best suited for electrification, which vehicles are coming to the end of their current fleet agreement and evaluate the potential cost savings over time.

2 Consider Your Driver's Needs:

What are the needs of your drivers? Consider journey lengths, usage and working patterns, their experience with EV vehicles and preferences, the end costs to them including BIK (Benefit in Kind) and what type/size of vehicle is their preference or need. Identify who is willing to and can have a home charger installed.

3 Set Clear Goals and Objectives:

Define specific and measurable goals for your EV transition, such as lowering overall fleet monthly operating costs, or reducing fixed cost expenditure (if outright purchase is your preferred option). Reducing carbon emissions by a certain percentage is also becoming a goal for EV transition in line with business environmental commitments and incoming ESG legislation.

4 Consider Costs vs Your Budget:

Assess the Total Cost of Ownership (TCO), which includes not only the upfront vehicle costs, but also the costs of servicing, operational costs like fuel vs charging costs, and tax savings. The savings to be made from moving to EV can free up cashflow (reduced service maintenance and repair costs etc) so should be factored in.

5 Choose the Right EVs:

Select vehicles that meet your operational requirements and the criteria above. Evaluate the vehicle's performance capabilities, such as acceleration, handling, and towing capacity, if required. Safety features and employee preferences are also key factors. Most car manufacturers have a range of electric models that cover different sizes, ranges, and capabilities. Hyundai for example, has a wide range of EV vehicles to cover the needs of growing businesses.

6 Consider Different Funding Options:

Based on your budgets, Total Cost of Ownership and what you can afford for each vehicle, consider which funding option is right for you.

7 Develop a Phased Implementation Plan:

Some businesses are taking a phased approach, starting with a pilot programme or transitioning specific vehicle types first. This will vary by type and size of business and phasing will be influenced by the need for replacement vehicles (either end of life or end of agreement) which obviously need to be prioritised.

8 Secure and Monitor Charging Infrastructure:

Invest in workplace charging points and explore partnerships with public charging networks. Communicate this to all staff as part of EV onboarding and provide feedback mechanisms to monitor.

As the shift to electrification of vehicle fleets accelerates, fleet decision makers require reliable, scalable and sustainable charging solutions. Some manufacturers offer services and partner with charging companies to support your drivers on the move – Hyundai for example offers ChargeMyHundai.

9 Provide Comprehensive Employee Training:

Educate your employees about the benefits of EVs and provide hands-on training on how to operate and charge them effectively. Hyundai for example provides comprehensive run throughs at the point of handover with the driver (and additional support is required for a new EV driver this can/should be requested).

10 Leverage Telematics and Fleet Management Tools:

Implement telematics systems to monitor charging habits, energy usage, and vehicle performance. Optimise routes and driver behaviour to maximise efficiency.

Top tip: Employee education is a critical element when transitioning to EV as helping your drivers learn about their vehicles will help save costs and improve driver best practice. Public charging needs to be carefully considered as it will be necessary, so think about where your vehicles operate (location) and if there are local Charging Point Operators (CPOs) that can support you. Also consider subscription solutions but remember, these need to be managed at a driver level. This can all be built into your initial plan and can support your long term strategy.

Flexible Financing Solutions:

Making EVs Affordable for Your Business.

There are several finance options available to SMEs and choosing the right option varies on the specific requirements of the business and its financial objectives and cashflow.

Through its dedicated in-house funders, Hyundai offers Business Contract Hire solutions that can be tailored to a company's individual requirements.

Tailored Leasing Solutions:

Leasing offers predictable monthly payments, reduced upfront costs, and the flexibility to upgrade vehicles as technology advances. Leasing agreements (also referred to as Business Contract Hire) also typically cover servicing, insurance and maintenance within the monthly payments within certain usage criteria. As it's leasing / contract hire the business never owns the vehicle and there will be criteria set out in terms of usage (such as mileage limits).

Competitive Loan Options:

For businesses that would rather purchase EV vehicles upfront, competitive loan rates can be secured from financing partners. The Total Cost of Ownership (including operational costs like servicing and insurance) and the residual values of the vehicles should be considered.

Government Grants & Incentives:

There are a few government grants and incentives to help reduce costs and support businesses moving to EV. This can be complex to navigate (and even find) but Hyundai's Dedicated Account Managers can support you with this.

Top tip: Make sure that your funding provider understands electric vehicles and can offer you flexibility whilst on your transition journey. A good provider should be interested in your objectives and looking at ways to support you as you switch to electric vehicles. Don't be afraid to change suppliers if your current ones don't fit your needs.

Empowering Your Employees:
Change Management and EV Adoption.

Employees buy-in is crucial for successful EV adoption. Consider these strategies to empower your workforce.

Communicate the Benefits Clearly:

Emphasise the environmental, financial, and personal benefits of EVs to your employees.

Offer Comprehensive Training and Support:

Provide hands-on training sessions and create easy-to-understand guides on EV operation and charging.

Address Employee Concerns:

Be prepared to answer questions and address any concerns employees may have about EVs, such as range anxiety or charging availability.

Involve Employees in the Decision-Making Process:

Seek employee input on vehicle selection, charging preferences and reimbursement solutions for home charging.

Offer Incentives for EV Adoption:

Consider offering incentives such as preferential parking for EV drivers or reimbursement for home charging costs.

Consider Policies:

When developing fleet, driver and charging policies keep them realistic and easy to follow. Don't over complicate policies where you don't need to.

If requested Hyundai Business can provide more detailed driver run throughs at the point of vehicle handover over – it's important to check what support vehicle manufacturers provide before choosing.

Top tip: Your employees are your biggest stakeholders and can help drive the transition to electric. Keep them involved in the journey, listen to their feedback and share their experiences with other drivers who may be less enthusiastic to take an electric vehicle.

Navigating the EV Landscape:
Infrastructure, Range and Charging.

Addressing concerns about range anxiety and charging infrastructure is crucial for a smooth transition. Here's a look at the current UK EV landscape.

The Expanding Public Charging Network:

The UK's public charging infrastructure is rapidly growing, with more charging stations being installed every day. Major networks like GRIDSERVE, Instavolt and IONITY offer convenient charging options across the country. Vehicle manufacturers often partner with charging providers – for example Hyundai partner with IONITY. IONITY is a high-power charging network for electric vehicles available in 24 countries across Europe – with 48,500* chargers in the UK and 800,000* in Europe.
Find out more. (*Figure correct as of September 2024)

You may also want to consider regional Charging Point Operators (CPO's) if your fleet operate within a specific region, such as Be.EV in Manchester for example.

Mapping:

It's important that drivers have access to charging point maps so they can plan their journey and have charging options planned in on their routes. Zap Map is a useful tool for this. Again manufacturers often offer this capability via a charging partner with Hyundai offering a useful map covering extensive IONITY charging points mentioned above.

Workplace Charging Solutions:

Installing charging points at your business premises is a practical and cost-effective solution for ensuring your fleet vehicles are always ready to go. Government grants can help offset the installation costs.

Home Charging for Employees:

Offer support and incentives for employees to install home charging points. This is especially beneficial for company car drivers who can charge their vehicles overnight.

Understanding EV Mileage Range:

Modern EVs offer impressive mileage ranges that are suitable for most business needs. Plan your routes strategically and consider models with extended range capabilities if necessary.

Top tip: Spending time getting your charging needs right with your drivers will save on charging costs into the future. A home charger with an EV tariff can reduce the cost of charging an EV to potentially as little as 1.9p per mile. Supporting your drivers in getting a home charger can really pay off in the long term.

Calculation based on E.ON EV Tarif – 6.7p/kWh. https://www.eonnext.com/tariffs/next-drive.
New IONIQ 5 N Line S 84kWh 228PS 2WD achieves 17.2kWh per 100km (3.6 miles per kWh). Data correct June 2025.

Dispelling Range Anxiety:
Understanding EV Range and Charging Times.

Range anxiety is a common concern, both for the business and the driver, but with the advancements in EV technology and charging infrastructure, it's becoming less of a concern.

Real-World Range Considerations:

Drivers and Fleet operators should understand that advertised EV ranges are often based on ideal conditions. Range figures may not reflect real-life driving results, which will depend upon a number of factors including the starting charge of the battery, accessories fitted (post-registration), variations in weather and temperature, driving style, use of climate control as well as battery age and condition. Drivers should bear this in mind when planning a journey - if they are planning a 320 mile round trip and the advertised range is 328 miles, they should not expect to complete the journey without a charging stop.

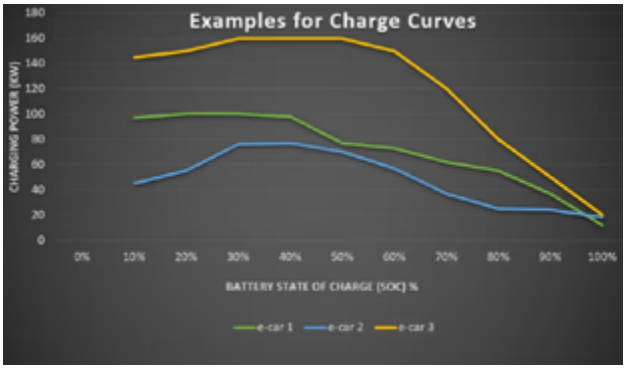
Charging Times Explained:

Charging times vary depending on the charging point's power output and the vehicle's charging capabilities. Fast chargers can add significant mileage in a short amount of time. For example Hyundai's IONIQ 5 and IONIQ 6 models are known for their ultra-fast charging capabilities^, allowing for rapid charging at public stations. The IONIQ 5, for example, can charge from 10% to 80% in about 18-36 minutes at a 350-kW charger (subject to charger type and weather conditions).

IONITY share useful advice on this - charging speed is dependent on the battery's state of charge (SOC) level – typically batteries can reach the maximum charging speed for a limited period of time during the charging session. Generally, the fuller it gets the less charging power it takes from the charging station. This is known as the "charging curve" which varies across models and manufacturers.

^350kW ultra-fast charger required for quickest charge times - chargers are currently available on selected arterial routes – see Charge myHyundai map for details. Hyundai test data for comparison purposes. Actual time may vary from stated times/ranges and is dependent on several factors including battery temperature, condition and age, ambient temperature and the power provided by the charger. Charge time increases in cold weather and if battery temperature activates safeguarding technology. In optimal conditions, the latest IONIQ 5 N is capable of accepting power at up to 240kW. IONIQ 5 and IONIQ 6 feature 800V charging technology rather than the traditional 400V technology found on most EVs today. The higher voltage is designed to enable charging at lower current, which reduces resistance, energy loss and heat build-up. This supports charging performance and can help reduced charging times, particularly when using a 350kW charger.

IONITY explain that each electric vehicle has a maximum charging speed, which could be significantly lower than the maximum charging speed of the charging station. For example, if the maximum charging speed of your car is 100 kW, you will not be able to go beyond this charging speed, even if the charging station can deliver 350 kW. Again, it's worth checking the charging speed of your vehicle with the manufacturer. These are often listed upfront as an important factor when choosing an EV vehicle.



More info on the charging curve can be found on the IONITY site here.

Smart Route Planning:

Utilise route planning apps that display charging station locations and real-time availability.

Review the Manufacturer Vehicles' EV Range:

It's important to review this carefully and it can be a key consideration when selecting a Fleet provider. Hyundai for example, offers a range of EVs with varying ranges to suit different business needs.

Top tip: As with petrol and diesel vehicles, the driver is the biggest impact on fuel economy so different drivers will achieve different range results. As the journey to EV gets underway it is worth considering different ways to encourage employees to drive more efficiently. This could be through gamification for example who can achieve the highest number of miles per kWh.

Telematics and Data-Driven Optimisation:

Maximising EV Fleet Efficiency.

Fleet operators need to take control of their EV fleet through advanced telematics and fleet management tools to help drive efficiency and value across their fleet operations.

Real-Time Monitoring & Tracking:

Monitor vehicle location, battery status, and driver behaviour in real-time.

Energy Management & Optimisation:

Optimise charging schedules and routes to reduce energy consumption and minimise costs.

Predictive Maintenance:

Proactively identify maintenance needs and schedule repairs to prevent costly breakdowns.

Data-Driven Insights:

Use data analytics to identify areas for improvement, reduce emissions, and enhance safety.

Top tip: Worth checking with vehicle manufacturers and leasing companies what support is offered in this area from fitting to the vehicles and dashboarding and reporting. Usually, the expectation is that fleet operators absorb the cost and own the implementation for this as, usage and needs vary from fleet operator to fleet operator.

Selecting the Right EV for Your Fleet:

What Kind of EVs are Right for Your Business?

Before choosing an EV for your fleet, it's important to think about out which type or mix of EVs best suit your business and driver needs. Three main types of electrified vehicles are available on the market today.

Electric (BEV)

Battery electric vehicles produce zero tailpipe emissions. Depending on the model and battery pack, Hyundai offers electric vehicles with a variety of driving ranges available.

Hybrid (HEV)

Hybrids combine petrol engines with an electric motor and battery, reducing fuel consumption without having to change your driving habits. The battery charges by regenerative braking.

Plug-in Hybrid (PHEV)

Electric when you want it, petrol when you need it. And once the electric-only range is depleted, you can plug into a charging station – or just continue on with the petrol engine.

Find out more about the different electrified powertrain choices and which type best suits your operational and driver needs here.

Selecting the right vehicle manufacturer:

Choosing the Right EVs is Paramount for a Successful Fleet Transition.

Hyundai offers a diverse range of electric vehicles to meet the unique needs of UK businesses.

INSTER

A compact EV that's perfect for urban fleets. Zero-emission driving, low running costs, and easy-to-use technology make it ideal for city-based operations.

IONIQ 5

A bold electric crossover with fast charging^, generous space, and advanced safety. Ideal for fleets looking to reduce emissions without compromising on capability.

IONIQ 6

An aerodynamic electric saloon designed for long-distance efficiency and low BiK. A smart choice for company car drivers who value comfort and innovation.

KONA Electric

A compact electric SUV with strong advertised fully electric range and practicality. Great for daily fleet use, offering tax efficiency and zero tailpipe emissions.

TUCSON PHEV

A versatile hybrid SUV with a striking design and advanced driver assistance systems. Suits a range of fleet needs while improving fuel economy.

SANTA FE PHEV

A spacious and refined SUV with hybrid power. Perfect for business leaders or employees who need comfort, performance, and flexibility on the move.

IONIQ 9

A sleek and confidently modern SUV shaping the future of electric mobility. An ideal business partner for fleets needing more interior space.

MODEL	BODY TYPE	ELECTRIC	PLUG-IN HYBRID	HYBRID
INSTER	City car	✓		
IONIQ 5	Electric CUV	✓		
IONIQ 5 N	Electric CUV	✓		
IONIQ 6	Electric Saloon	✓		
KONA	Compact SUV	✓		✓
TUCSON Hybrid	Mid sized SUV		✓	✓
SANTA FE Hybrid	7-seat SUV		✓	✓
IONIQ 9	7-seat Electric SUV	✓		

^350kW ultra-fast charger required for quickest charge times - chargers are currently available on selected arterial routes – see Charge myHyundai map for details. Hyundai test data for comparison purposes. Actual time may vary from stated times/ranges and is dependent on several factors including battery temperature, condition and age, ambient temperature and the power provided by the charger. Charge time increases in cold weather and if battery temperature activates safeguarding technology. In optimal conditions, the latest IONIQ 5 N is capable of accepting power at up to 240kW.

Partner with Hyundai Business:
Your Dedicated EV Transition Partner.

How Hyundai supports your EV fleet transition.

Hyundai Business is your trusted partner for a seamless and successful transition to electric mobility. From the versatile KONA Electric to the innovative IONIQ 6, our fleet solutions deliver exceptional efficiency and performance. Our Hyundai experts are here to support you at every stage of the transition to EV fleet vehicles.

Dedicated Fleet Account Manager:

For tailored advice and to guide you on your EV transition journey at every step. Our experienced account managers will provide personalised guidance and support throughout your entire EV journey, offering advice based on your needs and guiding your through the whole process from providing bespoke quotations to booking demonstrators, through to getting you tailored fleet support terms based on your individual requirements.

Access to our Award-winning EV-ready Fleet:

With vehicles across key segments as well as hybrid and plug-in options to suit fleet and driver needs.

Total Cost of Ownership Comparisons:

Helping you see the difference in total cost over the term and monthly cost savings beyond just looking at upfront costs.

Range of Finance Options:

Hyundai Business Contract Hire is available plus guidance on government grants and support.

Ongoing Support and Maintenance:

Through Hyundai Aftersales Charter we offer comprehensive maintainence and support to ensure your fleet remains on the road and downtime is minimsed. Download the Hyundai Aftersales Charter here.

Charging Support Through Charge myHyundai:

A seamless, cost-effective EV charging solution that's accessible to fleet and business users. Find out more.

Hyundai: Powering Your Business, Electrifying Fleet Mobility.

Ready to embark on your electric journey? Contact Hyundai Business today to discuss your specific needs and learn how we can help you transition to a more sustainable and cost-effective future.

Request a call back from a Hyundai dedicated Fleet Account Manager:

Request a call back

Or find out more about what Hyundai Business can offer here.