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# **RENAULT SCENIC E-TECH ELECTRIC: TEST DRIVING THE CAR OF THE YEAR 2024**





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## INTRODUCTION



### **Scenic E-Tech electric, Renault's first electric family car, sustainably designed for the comfort of the whole family**

Unveiled at the IAA Mobility show in Munich in September 2023, Scenic E-Tech electric completes Renault's range of electric vehicles in the C-segment. By combining electric modernity, useful technologies and a more sustainable design, it reinterprets the DNA of the family car to meet the challenges of its time. It also embodies Renault's sustainable development strategy, which is concerned with the well-being of both its passengers and the planet. The strong strategic, design and technological choices that have guided the development of Scenic E-Tech electric have been hailed by specialists, since it has won the Car of the Year 2024 trophy awarded by the COTY European jury... as did the first-generation Scenic in 1997.



## **The new-generation family “voiture a vivre”**

In 1996, Scenic revolutionised the market by positioning itself as the first compact MPV in European automotive history. Under the motto "Safety Concept Embodied in a New Innovative Car", it changed the face of the family car. Scenic was a "cocoon vehicle", designed first and foremost from the inside out, and rising to the challenge of giving priority to all the passengers on board.

In 2024, Scenic E-Tech electric reinvents the codes of the family car to meet the challenges of its time: changing travel habits, evolving aspirations in terms of comfort and safety, increasing scarcity of resources, reducing the carbon footprint associated with transport. It retains its DNA and is still designed to be the main vehicle in the household, the one used for long weekend trips or holidays. But it does so with a 100% electric powertrain, boasting a WLTP range of up to 625 kilometres and quick charging of up to 150 kW to meet the needs of families who want to get away from it all.

Scenic E-Tech electric offers a cabin designed for the comfort and well-being of all its occupants. Starting with benchmark interior space despite a small footprint, thanks to its dedicated electric platform, wheels set back at all four corners, long wheelbase of 2.78 metres, flat floor and compact battery. The result is plenty of space for passengers, with a rear knee radius of 278 mm, and for luggage, with a boot volume of 545 litres. The innovative Solarbay opacifying sunroof and 'ingenius' rear armrest complete the cabin's 'all-comfort' package. They help redefine the on-board experience, as do the OpenR Link multimedia system with Google built-in, entertainment and information applications and the vehicle's unique sound signature, the result of an exceptional collaboration with the artist, composer and author Jean-Michel Jarre.

## **EV Driving pleasure**

Scenic E-Tech electric puts the pleasure of electric driving first. With a power output of up to 160 kW (220 hp), compact dimensions and the dedicated AmpR Medium electric platform, Scenic E-Tech electric delivers dynamic, agile driving that's perfect for every journey. With its 87 kWh battery, Scenic E-Tech electric is a reassuring choice for long-distance drivers, whose peace of mind is also ensured by the dual compatibility of all versions with DC recharging from the fast charging points found on motorway approaches and highways, and AC recharging from domestic charging points.

## **Locally made at the Ampere plant at ElectriCity in Douai European**

Like Megane E-Tech electric and the future Renault 5 E-Tech electric city car, Scenic E-Tech electric is assembled in France at the Ampere plant (the new Renault Group entity specializing in electric vehicles and software) in Douai. Its electric motor is also made in France, at the Megafactory in Cléon. Constantly ahead of its time, Scenic E-Tech electric is the symbol of local and sustainable manufacturing. This fifth generation sees a heavy focus on short circuit production: 54% of Scenic parts (333 out of 613) are manufactured by French suppliers, of which over a half are located less than 100 km from the factory.



## **A more sustainable vehicle**

A pioneer of decarbonisation, Renault unveiled its Scenic Vision concept car – showcasing the brand’s goal to create more sustainable, visionary vehicles – at the 2022 ChangeNOW Summit. A vision which is now starting to take shape with the first sustainably designed all-electric family vehicle: Scenic E-Tech electric.

Up to 24% of the vehicle’s materials comply with circular economy principles and, under the terms of EU Directive 2005/64/EC, 90% of its mass – including the battery – can be recycled in industrial facilities. We don't use leather or rare earths for the electric motor. Bucking the market trend, the car is not oversized in terms of size and weight, weighing in at just 1.85 tonnes for a range of 625 km. That's several hundred kilos less than the average competitor in this category, which is a guarantee of efficiency and resource savings.

## **One of the best value propositions on the market**

Available to order in France, the Scenic E-Tech electric is going for a starting price of €39,990. It is the first electric vehicle in France eligible for the ecological bonus with a range greater than 600 km.

The Scenic E-Tech electric comes with four trim levels (availability varies with country). Scenic E-Tech electric will be the first electric vehicle in Renault’s line-up to include the Esprit Alpine trim, which adds an exhilarating sporty edge.

*“ In 1996, Scenic was a new object that rewrote the rulebook and modernised family cars. Scenic E-Tech electric follows this path. And, like its predecessor, it was awarded Car of the Year, a recognition that shows we've made the right choices! Scenic does not overshoot in terms of size, weight and price. Instead, it overdelivers in terms of range, interior space and useful features true to our "voitures à vivre" DNA. Scenic E-Tech electric fully embodies the pragmatism of a family vehicle, capable of covering long distances and designed with sustainable development in mind. It has all it takes to democratize EVs in Europe.*”

**Fabrice Cambolive, CEO of Renault.**



*/// Scenic E-Tech electric is geared for efficiency, accessibility, and long-lasting integration into the environment. It is designed so that families can travel freely, safely and more responsibly, and fully expresses Renault brand's new design language. Its generous curves evoke a vibrant, people-centric brand, and its sharp, precise lines, combined with the many high-tech details, project the car into the modern and connected world.*

**Gilles Vidal, VP Design, Renault brand**





## **EXTERIOR DESIGN: GENEROUS, DARING, EMBODYING THE ZEITGEIST**

*Scenic E-Tech electric is a new breed of family car and perfectly in tune with the times. Some of its looks and features come from the world of SUVs, and its lowered beltline and flowing lines give it a saloon-like feel. The result is a perfect balance between a well-suited modern style, uncompromising interior comfort, and optimised aerodynamics. Its design powerfully showcases Renault's new visual language, launched by Gilles Vidal, as it deftly merges profoundly modern lines and technical details with the ample curves that define the brand's cars for living.*



### **A new visual language**

Renault unveiled its new visual language in 2022 with Scenic Vision concept car; it now features on the brand's production models and for the first time on an electric model with Scenic E-Tech electric. The ample curves resonate with the brand's long-standing values of being people-centric and alive, while the sharper, more structured lines of the many high-tech details transport the vehicle into today's connected world. The finely curated play between surfaces all over the vehicle, creates streaks of light that shine and shimmer across the cars body, giving it a strong sense of personality.



*“Scenic E-Tech electric radiates a lot of character through the ideal proportions of its silhouette and powerful front side, which incorporates the Renault brand’s new, very modern visual language. The vehicle’s distinctive identity helps it stand out, and you discover more and more new details the closer you get.”*

Agneta Dahlgren, Design Projects Director

## **An ideal architecture for designing a spacious interior and compact exterior**

While early generations of the Scenic suited the MPV category of the day, with straight lines that seamlessly connected the windshield and bonnet together, Scenic E-Tech electric’s architecture, however, is groundbreaking. Its flat floor, large 19- and 20-inch wheels, longer wheelbase, and Solarbay opacifying panoramic sunroof make it a novel vehicle for families that suits their every want and need.

Its unique proportions – 4.47 m long, 1.86 m wide and 1.57 m high – provide remarkable roominess and uncompromising comfort for everyone on board. The one-of-a-kind concept behind Scenic, a vehicle created for the driver and passengers alike, means everyone has the best possible seat. The extra height of the driver seat is reassuring and safer, and it reclines as much as the driver seat in most saloons, for a dynamic and enjoyable ride. Rear passengers have as much knee room and headroom as in the top C-segment family cars (see page 21).

## **A dynamic, attention-grabbing silhouette**

The aerodynamics were a central concern throughout the design process, to maximise efficiency as much as range, as seen in Scenic E-Tech electric’s vibrant silhouette. At the front, air curtains under the day lights improve air intake around the vehicle. The vehicle’s profile interweaves wide cambering and sharp ridges. Its sculpted back dispels drag with a clear, characterful line on either side of the bumper.

## **Personality that emanates sturdiness**

The car’s extra-long wheelbase of 2.78 m (10 cm more than Megane E-Tech electric and 4 cm more than Espace), very short front and back overhang, and wheels as close to the body’s corners as they possibly can be, are a few of the design features made possible by the AmpR Medium platform. As a result, Scenic E-Tech electric is a sturdy vehicle with a powerful personality. The beltline skims the rear quarter windows’ edges, underlining the dynamic silhouette and adding brawn around the rear wheels. The door-base shields, wheel-arch extenders, and front and rear skid plates accentuate its self-assured personality. Roof bars complete the aerodynamic and robust look. Included on all trims, they are perfectly suited to what families need.

## **Distinctive wheels**

With their characteristic look and Renault logo in the centre, Scenic E-Tech electric’s 19- and 20- inch wheels round out the vehicle’s modern design. The Esprit Alpine 20-inch wheels are in a class of their



own and mirror the Alpine brand's distinctive identity with the black, diamond-cut, smoky-lacquered rims with grey centres. The combined effect adds a sense of momentum, technicality, and finesse.

The 20-inch wheels are purpose-designed to increase the vehicle's efficiency. The lightweight, aluminium Oracle rims come with add-ons to reduce air inlet space and thereby enhance aerodynamics (SCx). Scenic E-Tech electric's door handles are flush, so not only do they look modern, but they also enhance the car's aerodynamic performance.



## **Diamond shapes for an elevated grille**

Scenic E-Tech electric's front face makes a particularly strong statement with the Nouvel'R logo and Renault's new signature headlamp pattern underscoring its brand image. The logo sits vertically on the grille, among an array of superimposed small diamond shapes, which fade in and out of view depending on the light and angle. The patterns merge into the headlights at the top of the grille, creating a spectacular high-tech effect.

## **A new signature light pattern and welcome sequence**

Scenic E-Tech electric features the Renault signature lights. Its strong diamond-like pattern radiates sturdiness and underlines the brand's identity. The two half diamonds housing the day lamps are positioned vertically towards the edge of the front section, so people around the vehicle can get a



good sense of the car's width, making it safer. The front end also plays a strikingly high-tech welcome sequence with the day lamps and head lights.

## **High-performance lighting**

In some versions, Renault Scenic E-Tech electric's headlamps use LED Adaptive Vision technology with fog light function to adapt the beams to driving conditions and in such a way as to avoid using fog lights. The indicators feature a dynamic, quick-response animation that runs from the centre outwards, providing additional information about the vehicle's change in direction.

## **A high-tech rear end**

Several features at the back also underscore Scenic E-Tech electric's high-tech, modern feel. Like the day lamps, the two lights at the rear are as far apart as they can be, and look like two arrows facing each other, again to visually stretch the vehicle widthways. Micro-optical technology brings them to life when they are on, and they appear to float when they are off. The Scenic monogram beneath the Nouvel'R logo completes the brand-new look and enhances the very modern feel with slender lettering and sharper angles that are reminiscent of the logo.

## **Six body colours**

Renault Scenic E-Tech electric will be available in six body colours: Flame Red, Night Blue, Star Black, Glossy Schist Grey, Satin Schist Grey (exclusive to the Esprit Alpine finish), and Pearl White. The last colour emphasises the car's simple, generous looks while accentuating the body's lines. Depending on the chosen trim, clients can choose for a two-colour finish to differentiate between the roof and pillars, and the rest of the body with Star black and Schist Grey.





## THE PLEASURE OF TRAVELING LONG DISTANCES IN AN EV

*Renault Scenic E-Tech electric is the perfect blend between driving pleasure, agile handling, and top-of-the-range comfort. Thanks to the modular AMPR Medium platform and innovative technical configurations, such as its controlled mass, excellent front/rear balance, low centre of gravity, it elevates the driving experience, displaying performance worthy of a sedan. The all-electric motor's range of up to 625 km (WLTP) makes the Scenic E-TECH electric the ideal family car for both everyday driving and long trips alike.*



### A choice of two motors

Scenic E-Tech electric has a more compact and lighter excited synchronous motor with eight magnetic cores. It is available in two versions:

- 125 kW (170 hp) and 280 Nm
- 160 kW (220 hp) and 300 Nm

The motor was developed within the Alliance and is now made at the Megafactory in Cléon (Normandy); it contains no rare earth metals, meaning it has a smaller impact on the environment. It benefits from being at the heart of a responsible, France-based production ecosystem.



## **Two battery capacity levels and up to 625 km of range**

Scenic E-Tech electric comes with a choice of two battery capacities:

- 60 kWh for a range of up to 430 km (WLTP) combined with the 125-kW engine
- 87 kWh for a range of up to 625 km (WLTP) combined with the 160-kW engine

The battery was optimised down to the smallest details to fit flawlessly into the AmpR Medium platform (modules are arranged over two tiers) and provide top performance. The 87-kWh version is made of 12 modules containing 16 cells each, and the 60-kWh version has 12 modules containing 24 cells. Each individual battery module can be easily replaced in one of 20 specialist service centres across Europe.

Several factors can affect a car's range such as weather conditions, driving style, the number of passengers on board, or the chosen model. To find out the actual range, Renault has set up a range simulator on its website, which accounts for all driving conditions. By selecting the type of battery and use-related parameters (average speed, temperature, etc.), customers can directly simulate the range of their Scenic E-Tech electric.

## **More features for long journeys**

Managing battery temperature is one of the key success factors for electric vehicles, as extreme temperatures can affect their performance. However, several fixtures and breakthroughs in battery technology have helped to optimise the Scenic E-Tech electric's range, especially on long drives.

Moreover, heat produced by the battery and powertrain is recovered when the vehicle is running or charging, then used to warm the passenger compartment through a heat pump – a standard feature on all Scenic E-Tech electric models.

With a WLTP range of up to 625 km, people driving Scenic E-Tech electric travel with peace of mind, charging when they stop. For example, on a Paris-Bordeaux trip, after a long first leg (up to 370 km of freeway), users can choose to make just one one-hour stop (for lunch, for example) or two short stops under 30 minutes each. A trip from Paris to Marseille can similarly be made in two or three stops, and Hamburg to Munich in just two.

## **Fully compatible charging**

Scenic E-Tech electric is compatible with several charging systems, making it even more pleasurable to drive. All versions come with a built-in charger that works with DC fast chargers located on or near motorways, and with single-phase AC home systems. Compatibility with three-phase AC charging systems supplying up to 22 kW – which are common in cities and enable fast charging, often at a reasonable cost – is optional extra depending on the country.



### **Optimised charging time**

Pre-conditioning the battery is a key factor in maximising charge efficiency. The system uses Google Maps to automatically start pre-conditioning the battery when the car is nearing pre-selected charging points. The battery is therefore at an ideal temperature on arrival, so you can charge it faster and/or more.

By lowering the optimal temperature to 25°C and altering the battery's chemistry, Scenic E-Tech electric delivers charging performance with an improved charging curve and longer plateau. As a result, you can get up to 2 hours of range on motorways (equivalent to approximately 50 kWh with a 150-kW charge) by charging for 30 minutes.

### **Hassle-free journey planning**

Driving an electric car has never been easier. Thanks to Scenic E-Tech electric's OpenR Link system and the latest developments in Google Maps, and to the work carried out between Renault engineers and Google teams, there are now many features to help plan journeys with great peace of mind.

- **Optimised trip recalculation**

Thanks to Google Maps, everything is optimized to make every trip as simple as possible. The system sets the best route and uses driver preferences to preselect the fastest charging station, yet they can be modified if they do not suit. As such, recalculating routes is better than ever. For instance, if you



have to use a different road, decide to skip a stop, or add or remove a stop, the system swiftly maps out the alternative itinerary. The software also suggests better routes in other cases, such as heavy traffic or there being no planned stop at the selected charging point.

- **Warning for minimum charge level, without chosen route**

Drivers are given a warning as soon as their battery reaches 10%, then shown a list of suggested charging stations located nearby.

- **Customized journeys**

The new customisation possibilities will also help to optimise journeys. Drivers can now set their home and workplace as charging points, so they will be able to reach both destinations with a 12% to 9% remaining charge and thereby avoid too many stops during their trip. They can also change the order of their stops on the way, as with the Google Maps smartphone app, as well as choose charging points according to their power rating (for instance only stop at ultrafast charging stations). They can also choose stations that accept the payment method they wish to use. Google Maps takes all these preferences into account and suggests itineraries that match peoples' wants and needs. When you are planning a route, the software invariably displays the maximum distance you can drive without charging. Everything has been optimised to make travelling in an electric vehicle as simple and comfortable as can be.

- **Simplified planning, via smartphone**

Finally, the advanced EV route planning functions on Google Maps will eventually be accessible via smartphone. Prior to the trip, people will be able to set their destination and any route preferences directly on their phone. The route shown on the phone can then be transferred to the vehicle.

- **Understanding the range**

To better support drivers when on the road, be it in the city or on the open highway, the dashboard now features a new range widget. It helps drivers understand the estimated range according to their driving style and remaining charge of the Scenic battery. In addition, drivers can visualise the current range based on the last 70 kilometres, as well as the maximum range (WLTP) and the minimum range (highway driving). The widget is available on all clusters.



## **Optimised interfaces for ease of use**

The interfaces to adjust settings for battery pre-conditioning and charging have been redesigned for greater simplicity and efficiency, and are on both the OpenR Link system and My Renault app. For example, you can set your departure time and weekly schedule for both air conditioning and charging. Other more precise settings (pre-conditioning temperature, the areas requiring preheating, specific times, etc.) remain accessible.

## **A complete ecosystem with Mobilize**

Renault has partnered with mobilize to offer “All-inclusive” deals for Scenic E-Tech electric for simpler charging at home and when on the road. The comprehensive solution will make the transition to electric mobility easier than ever.



For home charging, customers can order their preferred charging system – a terminal or reinforced socket, including installation – directly from their sales representative when purchasing their electric vehicle. The price is set based on the terminal’s location in the customer’s home as determined by an innovative tool that uses Google Maps, so there is no need for a technician to be called out beforehand.



Mobilize will offer an innovative terminal, Powerbox, delivering up to 22 kW – to make the most of the built-in 22 kW AC charger available as standard for three-phase countries, or as an optional extra across the whole range. Made in France, it embodies the Scenic values and ecosystem, and is therefore geared towards sustainable and responsible mobility. The terminal comes with several advantages: it is simple to use, customers can monitor consumption, and remotely start or stop charging their vehicle. Designed to be installed either indoors or outdoors, it comes with a locking and unlocking mechanism so it can only be used by authorised people. Powerbox also has an anti-tripping system, which automatically lowers the power level if other appliances are using considerable amounts of electricity at the same time. It is also easy to repair: issues can be diagnosed and fixed remotely, and if not, a technician is sent out to perform a specific fix, for an easy repair.

Scenic E-Tech electric will also come with the Mobilize Smart Charge service to save energy and reduce the carbon footprint from charging at home. The app can charge the vehicle at a time when electricity is the cheapest and least carbon-intensive, without the driver having to do anything. This can lower their electricity bill – and perhaps even earn them rewards for flexibility. Mobilize Smart Charge will initially be available in France, the Netherlands, and Belgium.

For longer journeys, users can also opt for the Mobilize Charge Pass, available via the My Renault app. The pass means users no longer have to sign up to multiple separate services; drivers can use it to pay at stations in the largest charging network in Europe with over 600,000 points in 25 countries. Users are also offered preferential rates across the Ionity network (over 2,600 points) if they sign up to a specific subscription.



## ***DYNAMIC, COMFORTABLE DRIVING***

### **Unrivalled agility**

Engineers put a lot of work into making Scenic E-Tech electric as agile and smooth to drive as a saloon. Even though it is larger and has a longer wheelbase than Megane E-Tech electric, its steering ratio is the same as a saloon's – 12, the lowest on the market – guaranteeing immediate responsiveness. Its long wheelbase provides additional stability to fully enjoy driving in all conditions. An excellent compromise between stability and comfort has been found for this vehicle. Electric power steering and the Parallel Link multi-link rear axle, which is suited to the car's dimensions, contribute to its excellent handling and steering precision. Its curb-to-curb turning circle is 10.9 metres. With these numbers and limited weight, added to the well-balanced front-rear weight distribution, Scenic E-Tech electric is a real people pleasure, for drivers and passengers alike.

Scenic E-Tech electric's roll angle is only 0.4 degrees, striking an ideal balance between agility and comfort. Radically reducing body roll increases cornering stability and greater passenger comfort. The longer wheelbase, wider wheel track, and suspension-spring calibration also play their part in the car's excellent stability and make for an extremely agile vehicle that stays flat on corners.

Scenic E-Tech electric comes with a choice of two engines: 125 kW (280 Nm of torque), and 160 kW (300 Nm of torque) for the most powerful version. The second engine can accelerate from 0 to 100 km/h in just 7.9 seconds. The limited mass (1,730 /1,890 kg min / max empty when driving) makes for an optimised range and contributes to overall vehicle performance.

### **Four levels of regenerative braking**

Scenic E-Tech electric has four levels of regenerative braking. In Drive mode, it kicks in when you take your foot off the accelerator, turning the vehicle's kinetic energy into electric energy, which is then stored in the battery. The electric motor doubles as a generator when the braking system is used to harvest energy.

Depending on your mood and the type of road, you can choose any of four levels using two paddles behind the steering wheel, from 0 (no regeneration, the car keeps on moving at the same speed when you ease pressure on the accelerator, like when on a motorway) to 3 (maximum regeneration, like when on city roads, where the motor handles most of the braking when you take your foot off the accelerator, so you need to step on the brake pedal only for a complete stop). In other words, every time you brake, energy is being recovered to extend the vehicle's total range, while you enjoy an optimal and pleasant driving experience.

### **MULTI-SENSE: tailored to perfection**



MULTI-SENSE settings provide an array of powerful, personalised sensorial experiences. The technology features a wide range of settings for a uniquely enjoyable visual, auditory, and driving experience for all, with unparalleled comfort levels. Four different modes are available: Comfort, Sport, Eco, and Custom. Each mode creates a different atmosphere by combining the indoor lights, driver seat's comfort, indoor temperature, and screen colour with the driving aspects such as steering-wheel resistance, powertrain calibration, and pedal responsiveness.

MULTI-SENSE can also be used to customise the mood lighting with what Renault calls Living Light – a choice of 48 colours for the dashboard, dashboard backlight, and front and rear door strips. The LED lights are all independent and can create a gradual lighting effect that enhances the interior design and a general sense of well-being for everyone on board. Living Lights include an automatic mode that adjusts every 30 minutes in synch with the 24-hour circadian rhythm and the time of day (cool colours during the day and warm ones at night).



## LIFE ON BOARD: WELL-BEING FOR ALL

*Renault Scenic E-Tech electric beckons drivers and passengers alike to hit the open road. The interior is designed to provide the highest levels of home-like comfort. Bathed in light, it is spacious, cosy and full of features, so you can enjoy every kilometre without worrying about how long you have left until your destination. The new universe encapsulates Scenic's rebirth: more connected to the world.*



### **As spacious as you expect a Scenic to be**

While Scenic E-Tech electric is more compact than the usual C-segment cars, it is remarkably roomy, partly thanks to its AmpR Medium platform and flat floor. With its long wheelbase (2.78 m), rear passengers have 278 mm of knee room for extra comfort. They also benefit from a generous 884 mm of head room, also present on versions equipped with the Solarbay opacifying sunroof. To make the most of family holidays, Scenic E-Tech Electric has a generous 545 litre boot – the largest in its segment. With the bench seat folded down, the boot volume reaches 1,670 litres.

### **A comfortable seat position for resting**

When stopping to rest and charge the vehicle, drivers can enjoy an assortment of on-board features in a very comfortable seat position to charge their own batteries as well. When the seat is set to



“Relax”, it automatically shifts into your favourite pre-set position. It can also massage you as gently or as vigorously as you choose, for complete relaxation. Other amenities, including the infotainment system, USB chargers, mood lighting, temperature adjustment and Solarbay opacifying glass roof, stay active for 45 minutes.

## **The Smart Cocoon for premium acoustic comfort**

For optimized acoustic comfort, soundproofing meets the same stringent standards as seen on other recent Renault EV models; for example, the *Smart Cocoon* is a new-generation patented sound buffer that isolates the battery from the passenger compartment. It is currently the best solution available on the market.

## **Solarbay, an opacifying panoramic glass roof**

Scenic E-Tech electric comes with the Solarbay panoramic glass roof, developed in partnership with Saint-Gobain. The AmpliSky technology makes this system unique: it turns the glass either opaque or clear on demand, one segment at a time, using a combination of PDLCs (polymer dispersed liquid crystals) and electric fields that displace molecules. Renault is the first mass-market car maker to include a choice of full or segmented opacification capabilities.

### **→ Exactly how you want it**

Drivers and passengers can choose any of four roof settings: all light, all opaque, light at the front and opaque at the back, and vice versa. More practical than a standard shade, passengers in the back can decide to lighten or opacify the roof above them regardless of what people in the front want. Everyone can easily control the Solarbay system using either the Google Assistant voice activation or via controls located by the overhead light. The segment-by-segment animation positively wows passengers.

### **→ Cutting-edge technology for optimum comfort**

Scenic E-Tech electric’s Solarbay opacifying sunroof minimises the hothouse effect inside, maintaining a comfortable temperature in summer as well as winter – more effective than a mechanical shade. It automatically opacifies when you turn off the ignition and exit the car. Then, when you restart the motor, Solarbay switches back to how it was. The larger window and extra headroom add to the feeling of being in an open space filled with light. Removing the mechanical or electric shutter adds 30 mm of headroom, which considerably improves passenger comfort without increasing the vehicle’s height, and therefore without affecting its efficiency.



## → Engineered for recycling

Aside from maintaining a comfortable indoor temperature and giving just the right amount of light to people in the front or back, the Solarbay opacifying glass roof has a smaller carbon footprint than a standard power, glass sunroof with mechanical shade. Weighing 6 to 8 kg lighter (because it doesn't use rails, lining, or a motor), it helps to lower energy consumption.

With an optimised weight and height, and approximately 50% of all glass made from primary raw materials and the rest made using waste from plate glass and car glass production processes, this sunroof has been designed in a more sustainable manner according to circular economy principles. Its unique design makes it simple to repair and all its parts can be replaced separately. Come the end of its working life, more than 90% of the glass can be recycled (ground, filtered, and reused in various ways).

## Light and bright seats

In addition to sunlight coming in through the Solarbay opacifying panoramic roof, the upholstery's clear tones enhance the feeling of interior space. The modern, elegant design takes comfort to the next level. The rear bench comes with a random, asymmetrical pattern (no two models are alike). Esprit Alpine trim seats are slightly darker for an enhanced sporty feel.

## Clever storage

The many clever storage areas in this family car add up to 38.7 litres, ranking Scenic E-Tech electric as the best in its class. These include the glove compartment (4 litres), car door bins (13.6 litres), a large, open storage area on the centre console (6.6 litres) with two large cup-holders (2 litres), and a compartment under the armrest (3.4 litres) for keys and other personal items. The central armrest slides 70 mm forwards and backwards, making it extra comfortable for the driver and front passenger. There is also ample storage space under the centre screen, including a wireless charging port for smartphones. Pockets behind the front seats (2.4 litres each) are designed for magazines or electronic devices.

## The ingenious rear armrest

The on-board experience for back-seat passengers is optimised thanks to the ingenious armrest. It features two swivelling arms for each of the passengers, storage space for smartphones and tablets, folding-out stands to comfortably watch screens, two drink holders, and two USB-C outlets. This high-tech armrest has a total storage capacity of 3.6 litres. There is also a trap door concealed in the boot, so you can fit long items in the passenger compartment without having to fold down the back bench or remove the luggage cover.



### **Linden-wood interior**

In the high-end Iconic version, Nuo (a material created from thin, laser-cut linden leaves bonded to fabric with a low environmental impact adhesive) covers the dashboard and door panels, giving the car a cosy, sophisticated feel. The wood is FSC-certified, attesting that it is sourced from sustainably managed forests.

### **A signature sound, by Jean-Michel Jarre**

[Renault and Jean-Michel Jarre teamed up in a remarkable joint endeavour](#) to develop a new sound experience for the brand's future electric vehicles, such as Renault Scenic E-Tech.

Electronic music pioneer, composer, and technology aficionado, Jean-Michel Jarre joined forces with Renault, along with [Ircam](#) and the Group's sound design teams, to develop two types of sounds: the VSP (Vehicle Sound for Pedestrians) to warn people that the car is approaching when moving at less than 30 km/h, and the welcome sound sequence, which plays when you climb into the car. They analysed every detail, down to the last decibel, to create sounds that capture the Renault spirit, are instantly recognisable in our cities' soundscapes, and convey a feeling of movement. *Crystal Garden*, a track from the artist's latest album, *Oxymore*, inspired the VSP, while the welcome sequence treats both driver and passengers to a short film with a tailor-made soundtrack by Jean-Michel Jarre; the Esprit Alpine features its own unique sequence. In addition, Jean-Michel Jarre and his teams, in partnership with Renault's premium sound supplier Harman-Kardon, helped develop Scenic E-Tech



electric's audio system for an amplified and immersive sound experience. Five listening modes were developed to optimize sound quality for different sources, including a brand new 'podcast' mode to reflect the growing number of people listening to podcasts when driving.

*“The Welcome sound sequence in the vehicle is a true musical creation. Like the VSP, we put a lot of thought into what we wanted it to evoke, what sensations we wanted it to express.”* Jean-Michel Jarre

### **Air Quality Sensor, for improved air quality inside the car**

To meet the safety and comfort needs of all passengers, an air purifier with combined filter (activated carbon and pollen) is just one technological feature on Scenic E-Tech. It significantly improves the interior air quality, reducing odours by 30% - 70%, and has the capacity to absorb over 75% of harmful gases. The combined air filter is the smartest way of avoiding any issues that may arise from unwanted gases and odours. Used at the beginning of a trip, it takes around five minutes to run a full cycle. An air quality sensor can also activate interior air filtering and purification in certain situations (presence of bad odours, gas emissions, allergens). Scenic is the first model in the range to equip air quality sensor technology across the whole line, and reflects the brand's values of health and responsibility.



## USEFUL AND INTUITIVE TECHNOLOGY FOR A STREAMLINED EXPERIENCE

*Renault Scenic E-Tech electric leverages technology for easy interactions between everyone on board through exclusive, interactive content that is more tailored to users' needs than ever before. The OpenR Link multimedia system – the most intuitive on the market – now includes several new features to help plan and personalise routes via Google Maps, and more than 50 apps for never-ending fun along the way.*



### Screens with modern, high-tech graphics

Scenic E-Tech electric's OpenR digital cockpit catches the eye for two key reasons: its eminently ergonomic position and its large display, making it easy to navigate the menus. The cockpit is made up of two screens in a continuous L-shaped configuration: a horizontal TFT screen on the dashboard (321 cm<sup>2</sup>, 12.3 inches corner-to-corner, 1920 x 720 pixels) and a vertical touch screen in the middle of the console (453 cm<sup>2</sup>, 12 inches corner-to-corner, 1250 x 1562 pixels).

The all-new, avantgarde and technological visual interface reinforces the brand's identity inside the passenger compartment, and effectively conveys the values that underpin it as a car for living. It subtly hints at the diamond-shaped logo with a rising 28-degree diagonal segment. This segment is



everywhere, providing structure for the information displayed on the dashboard and centre tile that form the OpenR dual screen.

On the dashboard screen facing the driver, the usual round dial has been replaced by a 28-degree diagonal speed line, which changes colour according to the chosen gear and speed. It also displays the battery's remaining range and the selected driving mode. The new, thicker, and flatter font is a perfect match for the state-of-the-art digital universe. The car also features a new ADAS selection and customization screen.

Lastly, every time you switch MULTI-SENSE settings, a new dashboard displays a specific set of patterns and colours, and the vehicle is represented with its own specific body colour.

## **The OpenR Link multimedia system made seamless and intuitive thanks to Google built-in**

Renault Scenic E-Tech electric makes it easier to enjoy a seamless online experience through its OpenR Link system with Google built-in, running on Android Automotive OS 12.

More than 50 apps are available for download on Google Play – covering music quizzes, family games and journey planning – to make the most of your time in the car. Just like on a smartphone. OpenR Link is a simple, intuitive, voice-activated, tablet-like experience. It is compatible with Android Auto and Apple CarPlay, and works with both wired and wireless connections.

Google responds to 70 different voice commands, providing a variety of features for users. They include commands to open and close the Solarbay roof, switch between the various MULTISENSE modes, adjust the inside temperature, control the windows and defrosters, as well as check the EV range and charging port location.

In terms of communications, users can send, read and reply to messages, make calls, and perform GPS searches. The media and entertainment features can be used to play and control music, media, podcasts, live streams, and broadcasts. Moreover, the Car to Home function can be used to control the lights and adjust the temperature at home.

Perform OpenR Link updates effortlessly and remotely over FOTA ([firmware over the air](#)), like a smartphone.

## **AI-powered proactive notifications**

Scenic E-Tech electric houses several AI features that enhance the driver and passenger experience. The system displays timely suggestions on the centre screen regarding temperature levels and multisensorial possibilities. For example, it can recommend turning on the air conditioning if the



passenger compartment gets too warm, or to close the windows if the air recycling or air purifying circuit is on. If the system detects that the windscreen might start misting up, it will suggest turning on the defogging system. Lastly, if the driver always stays in the same mode, it can suggest trying out others. These proactive recommendations are based on “routines”, which the system logs and analyses over time.

## **Exclusive travel, sports, and news content**

Whether listening to music with dedicated apps, learning about the history of nearby points of interest or tourist attractions, keeping up to date with sports and other news, watching a film while stopping to rest or charge the battery, all this and more is now possible thanks to the extensive choice of apps (more than 50 depending on country and version) in Scenic E-Tech electric. Deezer, Spotify, Amazon Music, Waze, Les Incollables for Renault, SongPop for Renault, L'Equipe, Vivaldi, Kabriol, Karacal, and many more: enhance your on-board experience with exclusive content developed by Renault and its partners.

SongPop for Renault, a world-first app developed exclusively for Renault by Gameloft, turns long journeys into fun times together. Everyone can try guessing the name of a song and tap their chosen answer in the app on their phone. The game is free of charge, available in five languages (French, English, German, Italian, and Spanish) and provides an immersive experience – music plays over the very-high-fidelity nine-speaker Harman Kardon sound system.



## **SAFETY: CARING ALL AROUND**

*The “human first program” that Renault set in motion in 2023 is aimed at stepping up safety across the board – for the driver, passengers, and other people on the road, around the world, with a range of groundbreaking technology. For more than 50 years, Renault has been working to optimize existing safety systems while imagining those of tomorrow. Renault has patented over 2,000 safety systems since 1970. Scenic E-Tech electric comes with more than 30 ADAS and safety features, and includes innovative systems that help drivers.*



### **Safety Coach: tailored tips for more responsible driving**

To help drivers reduce the risk of accidents, Renault Scenic E-Tech electric now includes a tool called Safety Coach. It informs the driver of their objectively assessed driving behaviour and habits, and provides tailored advice on how to improve their driving style and ADAS use.

### **Safety after an accident: QRescue Renault, SD Switch, and Fireman Access**

Renault Scenic E-Tech electric is equipped with novel technology to simplify work for emergency services after an accident and shorten rescue operation timeframes.



First, the automatic post-crash braking system automatically locks the vehicle's brakes in the event of a collision. This mitigates the consequences of a possible secondary collision and additional damage it may cause.

QRescue Renault, le SD Switch et le Fireman Access are all systems that are already available on other Renault electric vehicles. QRescue Renault is a QR code located on the windshield and rear window providing full information about the vehicle's technical and electrical systems, so emergency services can work faster and more safely. The SD Switch is a mechanical switch positioned on the traction battery, used to disconnect it from the electric circuit, to keep firefighters safe when handling an all-electric or plug-in hybrid vehicle. Finally, in the event of a vehicle fire, the Fireman Access gives firefighters easy access to the heart of the traction battery to flood it with water. This is the only way to extinguish an EV battery fire quickly and permanently, reducing the usual response time from several hours to ten minutes.

## **Safety and comfort with Active Driver Assist**

All versions of Scenic E-Tech electric are equipped with Stop & Go adaptive cruise control. Easily activated with a single button to run the speed limiter, cruise control, and context-aware cruise control. The dashboard carousel displays the selected mode. The "Stop & Go" function will automatically stop and restart the vehicle when in slow traffic.

To complement the Stop & Go function, the Active Driver Assist boasts level-2 driving automation when on roads and expressways to help calmly handle busy roads when returning from a weekend away from home. To achieve this, it combines the following functions:

- context-aware adaptive cruise control. In addition to maintaining a safe distance to vehicles in front and reading speed signs to always follow the current speed limit, the intelligent function pairs geolocation data with a dedicated map so the vehicle can predictively adapt to the road ahead and plan for upcoming roundabouts, turns, and speed limit changes.
- The lane centring function improves driving, also at low speeds (e.g., in a traffic jam). Drivers can temporarily adjust the lane cantering system to keep the vehicle on one side of the road to allow priority vehicles with right of way to overtake it on the other.

Renault Scenic E-Tech electric cross-references information from the camera at the front of the vehicle with information from the map to give a precise indication of the current speed limit. If the vehicle's speed exceeds the legal limit, the system visibly and audibly warns the driver. If the smart cruise control system – included in Safety Coach – is enabled, it automatically adjusts the vehicle's speed.



## **Temporary manual off-centring**

This active ADAS allows drivers to temporarily move the vehicle to the side of a lane at speeds below 50 km/h to leave a safe corridor for emergency vehicles or two-wheel drive vehicles to pass. In addition, a real-time display of the surrounding road keeps users fully informed.

## **Automatic emergency braking**

Scenic E-Tech electric has automatic emergency braking, which uses a camera and radar sensor to automatically activate the brakes to avoid any front-end collision with a pedestrian, cyclist or vehicle. If the driver does not react quickly enough to avoid the collision, the system automatically engages the brakes. Scenic also has active emergency braking when reversing and faced with an obstacle behind the vehicle.

## **Multiple collision braking**

This emergency system helps avoid accidents by automatically applying the brakes after a collision. It can help prevent or reduce the severity of a secondary collision, which can occur while the vehicle is still moving and out of control.

## **A new button to manage ADAS**

In accordance with the new regulations, each time the vehicle is started, all on-board safety driving aids are activated by default. Renault allows drivers to configure alarm sounds and ADAS sensitivity via the central screen in the "Vehicle > Perso" menu. Alarm and ADAS settings will be stored in the driver's profile, who can then select the pre-set configuration every time they start the car via the central screen but also by simply double-clicking the button located behind the steering wheel on the bottom left.



## **SUSTAINABLE DEVELOPMENT: FROM SCENIC VISION TO SCENIC E-TECH ELECTRIC**

*Back in 2022, the Scenic Vision concept car heralded the first production car to embody commitments to sustainability made by Renault Group and the Renault brand. Today, Scenic E-Tech electric is designed with sustainability in mind, with its 100% electric engine, its equipment and materials that show care for natural resources and the climate, its compact form and limited mass, all while being part of the local manufacturing ecosystem. This work has been carried out across the entire production chain.*



### **A more sustainable car, with recycled materials and streamlined processes**

The issues around climate change, preserving resources and evolving mobility habits are radically reshaping the automotive industry's value chain. Creating more environmentally-friendly vehicles is at the core of Renault Group's vision and its roadmap to increase the proportion of recycled materials relative to total mass to 33% by 2030. Scenic E-Tech electric paves the way for local production: 54% of Scenic's parts (333 out of 613) are manufactured by French suppliers, of which over a half are located less than 100 km from the factory. 85% of suppliers are in the European Union, and 54% of parts are manufactured within 100 km of the Douai factory. At least 24% of Scenic E-Tech electric's mass is made using circular-economy materials, some of which come from closed-loop processes



(reforming materials into a single part). Upon reaching the end of its life, 90% of its mass – including the battery – will be recyclable in industrial facilities, under the terms of Directive 2005/64/EC.

## **Even more recycled materials in the body**

Scenic E-Tech electric's ferrous components (structure, body, axles, parts of the undercarriage, etc.) are made using 37% recycled materials on average, and its bonnet and doors incorporate up to 40% recycled aluminium. Aluminium is used according to circular economy principles. During cutting operations, where pieces are cut from metal sheets, offcuts are sorted, compacted and returned to the initial supplier, who feeds them back into their production line. They are then sent back to the factory to be pressed into more parts. This closed recycling loop helps to reduce carbon emissions during vehicle production and to sure up material stock levels. Aluminium also makes the car body lighter, for greater efficiency.

## **Recycled materials in the passenger compartment**

Like the outside, several components that people can see and touch inside Scenic E-Tech electric are made from recycled or renewable materials:

- Materials used for the dashboard structure are up to 80% recycled (polypropylene from industry scrap) and the dashboard cowling materials are 43% bio-sourced (kenaf, a plant that yields a jute-like fibre)
- 51% of the steering wheel cover is bio-sourced: 25% of PVC is made from ricin oil, 26% is cotton weft
- Padding on storage bins in the door panels are 50% natural fibre
- Carpets are 97.65% recycled material (Dilours) from plastic bottles
- 99.5% recycled material from plastic bottles in the headliner
- Seat covers in the Techno and Esprit Alpine trim are 100% recycled fabric, and 87% recycled fabric for the Iconic trim. The Esprit Alpine features fabric made from reprocessed plastic bottles (80%) and seat belts (20%).

## **No leather**

In addition to the limited use of chrome, there is no leather whatsoever in Scenic E-Tech electric. On the steering wheel, for instance, it has been replaced with a grained coated fabric, and with recycled fibres for the seats. These materials have a smaller carbon footprint than leather and do not diminish perceived quality, feel or comfort. Renault has confirmed its plan to phase out leather entirely by 2025.



## Recycled glass

Scenic E-Tech electric takes resource preservation to new heights with its use of recycled glass. The vehicle features the Solarbay opacifying glass panoramic roof (see page 19), developed in partnership with Saint-Gobain. Only 50% of all the glass in the roof is made from primary raw materials; the rest is made from waste from plate glass and car glass production processes.

Renault Group and Saint-Gobain have taken one step further on their closed-loop car-to-car approach to recycling with an innovative plan to use recycled glass from end-of-life vehicles from the Indra network, a subsidiary of [The Future is NEUTRAL](#) – Renault Group’s entity specialised in the automotive circular economy. Recovered glass will be used to make tinted windows for Renault Group vehicles starting at the end of this year.

This initiative is an example of Renault Group’s strategy to work in an ecosystem that includes partner automotive suppliers, and its own entities and brands.

## A second life for batteries

Renault Group is the first car manufacturer to act on the entire battery life cycle. It has developed solid expertise to become more sustainable and expand the range of vehicle use.

The modular design of the Scenic E-Tech electric battery makes it easy to repair – because each defective module can be replaceable in more than 20 service centres across Europe. When a battery’s capacity drops below the required level, it is [reused in stationary energy storage](#) systems powering residential or office buildings or, in some cases, other mobile systems (boats, refrigeration units, machinery, airport logistics, etc.).

When the vehicle reaches the end of its life, the battery often still holds between 60% and 70% of its original storage capacity. This second life can last from 6 to 10 years. At the end of their life, batteries can then be recycled by first going through dismantling and extracting phases for structural elements: plastic, metals, and wiring, which are sent separately to their respective recycling channels. Modules are processed by operators specialised in handling Li-ion batteries.

## Production plants aiming for carbon neutrality

Scenic E-Tech electric is assembled at the plant in Douai (ElectriCity) and using local production practices that are more responsible and closer to countries where the final product is sold. Renault Group is aiming for [carbon neutrality](#) at its three ElectriCity plants as early as 2025, at all its production plants in Europe as early as 2030, and at all its production plants worldwide by 2050.



## **No rare earth metals in the electronics, battery, or motor**

Scenic E-Tech electric, like ZOE and Megane E-Tech electric before it, runs on an excited synchronous motor. This technology is more efficient than a permanent magnet motor and uses no rare earth metals, which means a smaller environmental impact and lower large-scale production costs. The fact that the battery contains no rare earth metals also means the vehicle has a smaller environmental impact.

## **Zero CO<sub>2</sub> emissions when driving thanks to the electric powertrain.**

As electric cars emit less greenhouse gases when on the road and throughout their life cycle, they have a key role to play in showing the way to more sustainable mobility. Renault Scenic E-Tech electric is playing its part: zero CO<sub>2</sub> or regulated atmospheric pollution\* emissions when on the road. It also means no annoying noises for those in the car's direct vicinity thanks to its silent engine. Its aerodynamic design combined with all the energy management optimisation features make for a maximum-efficiency powertrain.

*\* In the WLTP driving cycle, excluding wearing parts.*

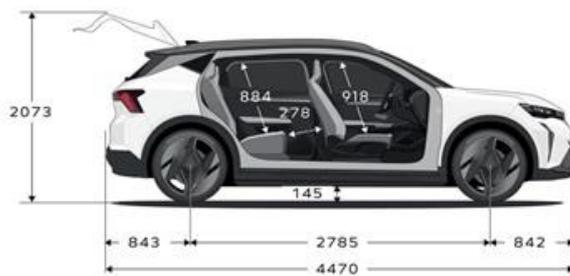
## **Improved carbon footprint**

The carbon footprint of Scenic E-Tech electric has been improved by up to 50% compared to the previous generation Scenic (diesel version).



## TECHNICAL SPECS

Dimensions (mm)



TRUNK (L / dm <sup>3</sup> VDA)	
Trunk volume	545 / 440
Underfloor storage space	53.8 / 36
Maximum trunk volume with rear bench folded down	1 670 / 1 449
DIMENSIONS (mm)	
Overall length	4 470
Wheelbase	2 785
Front overhang	842
Rear overhang	843
Overall width with unfolded / folded mirrors	2 085 / 1 908
Front track ground	1 625
Rear track ground	1 620
Overall height	1 571

# [PRESS KIT]



Open tailgate height	2 071
Trunk sill height	779
Ground clearance (unladen)	145
Knee radius in 2nd row	278
Front elbow room	1 429
Rear elbow room	1 437
Front shoulder width	1 423
Rear shoulder width	1 369
Front headroom without / with panoramic roof	918 / 946
Rear headroom without / with panoramic roof	884 / 880
Trunk entry maximum width	969
Interior width between wheel arches	964
Load length with rear bench seat folded	1 696



## Engines

RENAULT SCENIC E-TECH electric		
Version	125 kW (170 hp)	160 kW (220 ch)
<b>ENGINE</b>		
Type	electrically excited synchronous motor (EESM)	
Approval protocol	WLTP	
Maximum power (kW)	125	160
Maximum torque (Nm)	280	300
<b>BATTERY</b>		
Type	Lithium-ion	
Voltage (V)	400	
Capacity (kWh)	60	87
Weight (kg) (+/-5)	411	515
<b>PERFORMANCE</b>		
Top speed (kph)	150	170
0 - 100 km/h (s)	8,6	7,9
1 000 m standing start (s)	30,2	30
Resumption 80-120 km/h	6,3	5
SCx	0,798	
<b>RANGE AND CONSUMPTION (WLTP)</b>		
Combined cycle (km)	430	625
Approved consumption in the combined cycle (kWh/100 km)	16,3	16,8
<b>CHARGING TIME (0-100%)</b>		
Onboarded charger	AC7 / AC22 optionnal + DC130	AC7 / AC22 optionnal + DC150
Domestic socket 2,3 kW (single-phase 10A)	30h30	46h30
Reinforced socket / domestic charging point 3,7 kW (single-phase 16A)	18h	27h30
Domestic charging point 7,4 kW (single-phase 32A)	6h17	
Charging station 11 kW (triphasee 16A)	AC22: 6h30	AC22: 9h00
Charging station 22 kW (triphasee 32A)	AC22: 3h15	AC22: 5h00
Charging station 85kW/130kW (DC)	32 min	37 min
<b>BRAKES</b>		
Diameter / thickness of vented front discs (mm)	350 / 30	
Diameter / thickness of solid rear discs (mm)	330 / 16	
<b>TYRES</b>		
Tire size	205/55 R19 or 235/45 R20 (depending on version)	

# [PRESS KIT]



Spare wheel	no	
<b>STEERING</b>		
Type	Electric power steering	
Turning circle, curb to curb (m)	10,92	
Steering wheel turns, lock to lock	2,34	
Front axle	Pseudo McPherson	
Rear axle	Multi-link	
<b>WEIGHT</b>		
Kerb weight (kg)	1 747 - 1 757	1 842 - 1 860
Gross vehicle weight (kg)	2 340	2 441
Gross train weight (kg)	3 440	3 541
Max. braked trailer weight (kg)	1100	
Max. unbraked trailer weight (kg)	750	



## **About Renault**

Marque historique de la mobilité, pionnier de l'électrique en Europe, Renault développe depuis toujours des véhicules innovants. Avec le plan stratégique « Renaulution », la marque dessine une transformation ambitieuse et génératrice de valeur. Renault évolue ainsi vers une gamme encore plus compétitive, équilibrée et électrifiée. Elle entend incarner la modernité et l'innovation dans les services technologiques, énergétiques et de mobilité dans l'industrie automobile et au-delà.