

FAQ

Is Z.E. for me?

So, is it?

More than likely. We're developing a range of affordable, accessible vehicles to suit the vast majority of users, particularly in urban environments. You get to choose the one that suits your lifestyle best. And they're all rigorously tested in European trials before they are put into production.

Performance is reaching new levels in terms of top speed and range, with low-down torque available right from the word go. Though obviously, the harder you accelerate and make use of the power, the less your range is going to be.

Aren't Z.E. cars too small to fit my family?

Renault will be introducing a range of models which will satisfy the demand for vehicles of different size and capacity – just have a look at the vehicles in this brochure.

What are the incentives to buy?

Plenty. Apart from zero emissions in use, the Government is currently proposing subsidies of up to £5,000⁽¹⁾ when you buy a qualifying vehicle. Road tax and the London Congestion Charge are zero, and there's no fuel duty - obviously! There's an enhanced capital allowance for business buyers and the lowest benefit in kind advantages for company car drivers. For more details, go to www.hmrc.gov.uk.

How about recharging?

Trials suggest that this will usually be easiest at home, overnight, through a weatherproof external socket, or in your garage (see below for more on home charging). If that's not possible, there are already over 300 charging points in the UK, with a further 11,000-plus planned as part of the Government's 'Plugged in Places' programme. The idea is that charging points compatible with your vehicle should be readily available in public places and at work, so you'll never be far from a recharge.

For example, starting from Autumn 2010, London will also have its own system of public charge points on residential streets and car parks, supermarkets, retail and leisure centres. To use this system, you simply pay an annual fee, then recharging is free when you use it.

Other regional development areas with firm plans on public infrastructure are Milton Keynes and One North East. More will be coming on board in October 2010.

Further information on national infrastructure can be found at www.ev-network.org.uk and www.newride.org.uk.

Can I charge my vehicle at home?

Home charging is relatively easy to arrange. You can get a low-cost, weatherproof external socket installed, or a socket in your garage. However it may not be possible for everybody, particularly if you have no dedicated parking.

Are plugs and sockets all standard?

The EU is working on it, but standards will be in place by 2011. Basically, the UK market is expected to use the standard 13 amp socket or a specific EV charging point. Faster charging methods are also being developed.

How long will it take?

Home recharging will usually take about 7-8 hours from empty (standard rate), though faster 3-4 hour and even 15-25 minute rapid charging facilities will be available, depending on the model. But, with Renault, if you should ever run out of power, remember, the same breakdown/recovery services apply – just as if you'd run out of petrol.

What does it cost to recharge?

When you recharge at home, it goes on your electricity bill. But overnight can be at a cheaper rate. Either way, it's going to be more competitive than petrol or diesel today.

When you recharge at a public facility, different regions will have different tariffs – but many areas are going to be offering free top-ups in the short term, as an incentive for you to switch to Z.E. vehicles.

Generating electricity produces CO₂. So how come Z.E. vehicles are really greener?

Vehicle emissions today are calculated on a measurement of 'tank-to-tailpipe', and according to this measurement, an electric vehicle will produce zero emissions in use.

But, if you take a more comprehensive measurement of 'well-to-wheel' emissions produced, the current indication is that Renault Electric Vehicles will produce 75 g/km⁽²⁾. In comparison, the average EU-wide figure for petrol/diesel cars in 2007 was 187 g/km. To adjust the equivalent published manufacturers emissions from 'tank-to-tailpipe' to 'well-to-wheel' a figure of 15%⁽³⁾ should be added for the extraction, refining and transportation of the fuel.

Still a big saving, but the best is yet to come. Bigger emission reductions are on the cards if we go for lower carbon sources of power generation (like nuclear, wave and wind). Above all, Z.E. vehicles could achieve up to a 40%⁽³⁾ saving on CO₂ emissions when compared with a typical petrol family car over its whole-of-life cycle.

⁽¹⁾ Effective from 2012

⁽²⁾ Current UK electricity mix equates to 75g CO₂/km based on generation at 540g/kWh (source: Committee for Climate Change first annual report, published 12th October 2009) and on AESC battery delivering 160km range from 22.3kWh. Note UK Govt. target for 2020 is to reduce this to below 300g/kWh. Note – AESC: Automotive Energy Supply Corporation is the supplier of batteries for the Renault and Nissan Alliance.

⁽³⁾ Source: SMMT Consumer Education Q & A June 2010



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Z.E.

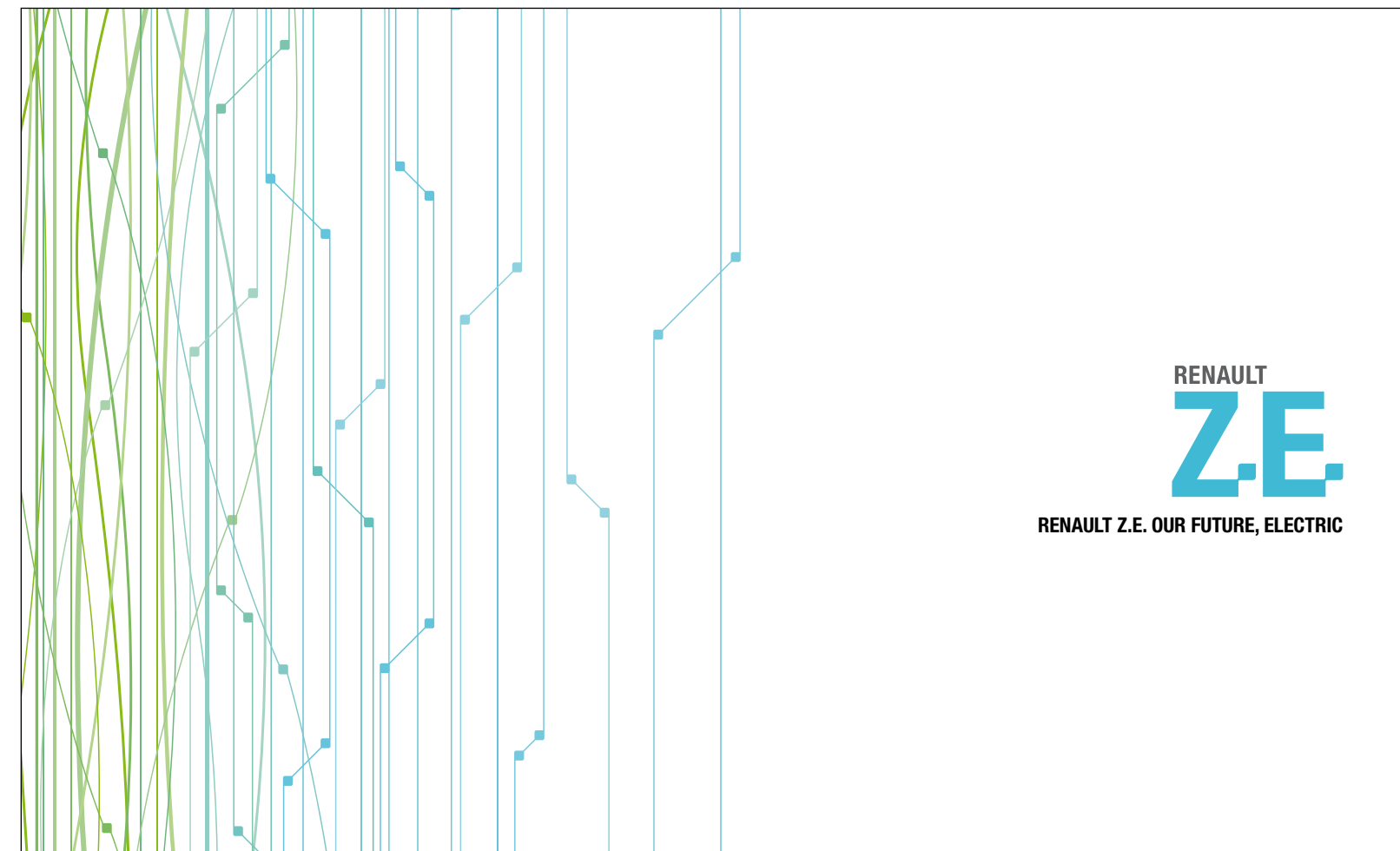


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RENAULT recommends

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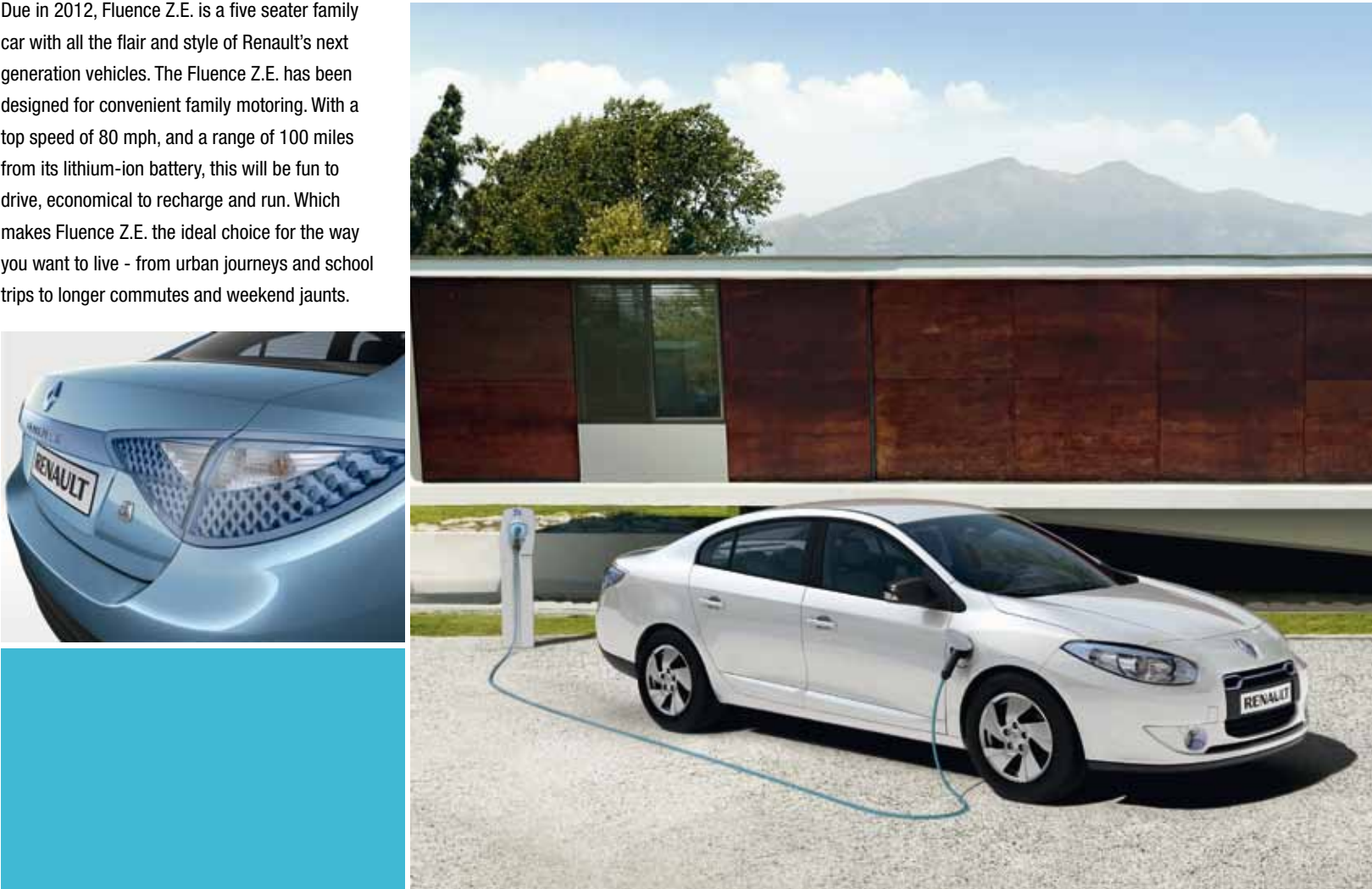
KANGOO VAN Z.E.

Based on the ever-popular Kangoo Van, this workhorse is set to boost your business - as well as your public image. Arriving in Summer 2011 it is capable of 80 mph and has a range of 100 miles, coupled with a generous 650kg payload. Derived from our commercial vehicle, the Kangoo Van Z.E. combines proven mechanicals with innovative new engine and battery technology. Get it working for you, and you'll be working cleaner and meaner.



FLUENCE Z.E.

Due in 2012, Fluence Z.E. is a five seater family car with all the flair and style of Renault's next generation vehicles. The Fluence Z.E. has been designed for convenient family motoring. With a top speed of 80 mph, and a range of 100 miles from its lithium-ion battery, this will be fun to drive, economical to recharge and run. Which makes Fluence Z.E. the ideal choice for the way you want to live - from urban journeys and school trips to longer commutes and weekend jaunts.



TWIZY Z.E. AND ZOE Z.E. CONCEPT

The ultimate cheeky, innovative expressions of Renault's freedom of design in the electric car marketplace. Proof that electric mobility can be affordable and practical on a day-to-day basis for everybody, these two cars will give you the widest possible choice to suit your lifestyle.

The Twizy Z.E. is undeniably a superb city vehicle, with a projected 60 mile range and 45 mph top speed, but with the zip and accelerative surge to keep up effortlessly with the traffic. As with the rest of the range, recharging is designed to be fuss-free. The concept will become a production reality in late 2011, so you won't have to wait long for the ultimate in urban chic.

The following year, in mid-2012, the Zoe Z.E. is destined for launch. This striking compact 5 door hatchback, svelte and smooth, with all the advantages of its sister vehicles, has the style and verve to stand out from the crowd. This is what you want to be seen in!

