

## Responsiveness and energy optimisation

The combination of two electric motors, an innovative multi-mode gearbox and a combustion engine offers a wide variety of drive modes:

- **100% electric starting:** As the gearbox is clutch-free, the combustion engine is not used when starting the car; therefore, E-TECH hybrid vehicles are always set in motion by the primary electric motor. A rather stylish solution as it immediately provides maximum torque for a particularly responsive start.
- **Automatic adaptation to driving situations:** The E-TECH technology is **based on a series-parallel architecture** allowing it to combine the advantages of the different types of hybridisation possible (series, parallel and series-parallel). The engines can operate independently or in concert by directing their power to the wheels or to the battery. The powertrain manages its engines and their supply according to acceleration and power requirements, as well as battery regeneration opportunities. This management is carried out according to 15 operating combinations of the various engines and the gears engaged on the gearbox

In use, the **change from one mode to another is barely noticeable** and does not require any input from the driver. The E-TECH system automatically chooses the most appropriate mode for the situation in order to optimise emissions and fuel use, while guaranteeing responsive, enjoyable driving.