



DESTINATION:
CARBON NEUTRAL



Shell has diversified portfolio of energy solutions to drive our ambition to lower our carbon footprint from our products & operations

TRADITIONAL FUELS

PETROL & DIESEL

Formulated with latest additive technology

Shell
FuelSave

Shell
V-Power

Shell
Diesel Extra

1G BIOFUEL

Lower carbon v petrol and diesel, but with higher local emissions

Shell
E20 Gasohol
Shell
Diesel Bio

2G BIOFUELS

Low carbon fuel

IN² RENEW. REFINE. REFUEL.

IOGEN

E-MOBILITY

Low carbon fuel and clean fuel, especially if renewable power is used

Shell
Recharge

NBS

Carbon emissions saved through avoided deforestation, used to offset petrol & diesel

DRIVE CARBON
NEUTRAL.

NATURAL GAS

Lower carbon v petrol and diesel

Shell
LNG

Shell
AutoGas

HYDROGEN

Lower carbon and clean fuel

Shell
Hydrogen

OUR LOW EMISSION PRODUCTS

BIOFUELS

NBS

LPG

LNG

EV

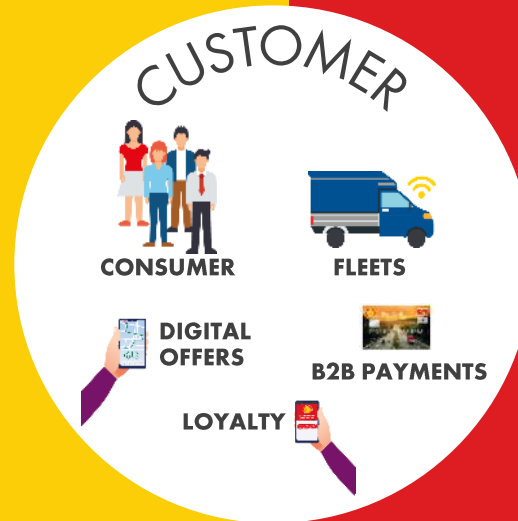
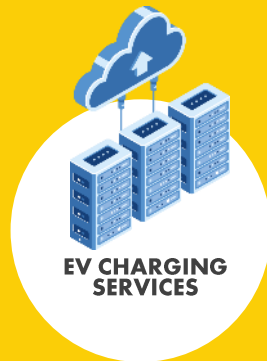
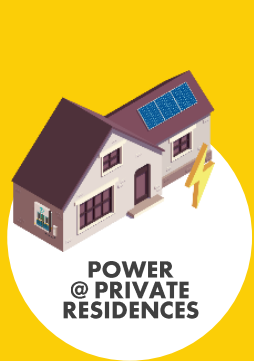
CNG

OTHER



Shell aspires to be the global leader in EV charging infrastructure and charging services

EV CHARGING SERVICES



EV PUBLIC OUT-OF-HOME





E-mobility Business Objectives

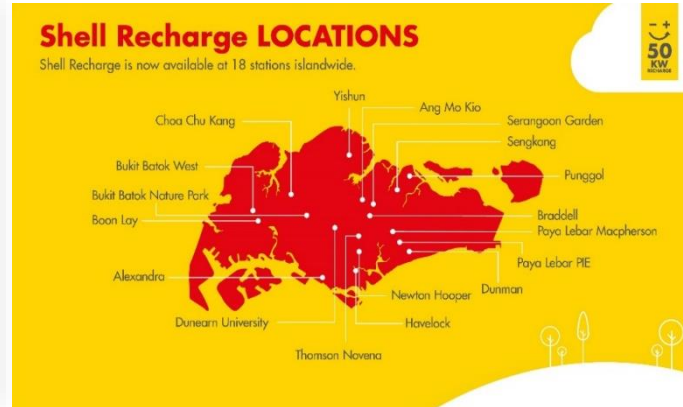
Shell is **the world's largest mobility retailer** and has a growing renewable power business; combining these two businesses positions us perfectly to succeed in electric mobility.

As the leading pathway to decarbonise passenger transport, e-mobility is on the way to mass adoption. Shell **aspires to be the global leader in EV charging infrastructure and services** in order to make this a reality

Shell's electric mobility business can **help us achieve our net zero emissions ambition** by enabling us to move people and goods in a cleaner smarter way.

Shell is committed to **providing customers with the best and most convenient EV experience available**, enabling them to charge where, when and how they want.

Shell has been the first mover of EV Charging facilities in SE Asia



SUPPORT FROM GOVERNMENT IS ESSENTIAL
TO OVERCOME THESE CHALLENGES



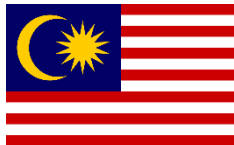
Challenging investment case, especially in the initial years, in part due to uncertainty on electron demand, high land cost and cap on commercial space quantum in retail stations that limit alternative revenue streams



Land use restrictions, e.g. set-back requirement, additional safe distancing over and beyond fire code, no space to build new sub-station



Power constraints at existing developments including retail stations, unable to support high power charging. Lack of open information on grid capacity.



Everyone has a role to play in shaping the E-mobility ecosystem in the Philippines



EV in the Philippines

- Philippines has significant potential in having EVCS (EV Charging stations) as part of its energy mix for current and future mobility needs.
- Success of sustainable EV program will depend on key factors such as government policy actions and whole value chain approach (vehicle manufacturers, energy industry players, consumers, etc.)
- Shell supports the Department of Energy in its efforts to promote innovations in clean, sustainable, and efficient energy. With our extensive network of mobility outlets nationwide, Shell will continue to pursue opportunities where it can leverage its global expertise in line with its strategy.
- On the Comprehensive Roadmap on Electric Vehicles (CREV), it is key to have alignment on equipment design and standards to ensure compatibility, ease of transition, as well as cost/complexity reduction for the consumers. Also, a flexible pilot approach is preferred to promote quick (commercial, technical) learning to support a progressive roll-out across the country.



Three House panels approve bill on EV regulation

The House Committee on Energy, the House Committee on Transportation and Communications, and the House Committee on Science and Technology have approved a bill to regulate electric vehicles (EVs) in the Philippines. The bill, known as the EV Regulation Act, aims to establish a regulatory framework for EVs, including safety standards, licensing, and infrastructure. It also seeks to promote the use of EVs by providing incentives and support for manufacturers and consumers.

