

# Abbreviations and acronyms

|                           |                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ASEAN</b>              | Association of southeast asian nations                                                                                                                                                  |
| <b>BEV</b>                | Battery electric vehicles, the name given to vehicles that run exclusively on battery power                                                                                             |
| <b>BNPL</b>               | Buy-now-pay-later, a type of short-term financing that allows consumers to make purchases and pay for them at a future date, often interest-free                                        |
| <b>Broadband</b>          | Transmission of wide bandwidth data over a high-speed internet connection                                                                                                               |
| <b>BRT</b>                | Bus rapid transit, bus-based transit system that delivers cost-effective services at metro-level capacity                                                                               |
| <b>CO2</b>                | Carbon dioxide                                                                                                                                                                          |
| <b>COP</b>                | Conference of the parties, global climate summits hosted by the united nations where governments discuss and review how the climate is being managed                                    |
| <b>DER</b>                | Distributed energy resources, small-scale electricity supply or demand resources connected to the electric grid                                                                         |
| <b>ESCWA</b>              | United nations economic and social commission for western asia                                                                                                                          |
| <b>EE-mobility</b>        | Electric mobility, the concept of enabling the electric propulsion of vehicles and fleets using electric powertrain technologies, in-vehicle information and communication technologies |
| <b>EV</b>                 | Electric vehicle                                                                                                                                                                        |
| <b>FCEV</b>               | Fuel-cell electric vehicle, vehicles that are powered by hydrogen and are more efficient than conventional internal combustion engine vehicles and emit only water vapor and warm air   |
| <b>FDI</b>                | Foreign direct investment, an investment from a party in one country into a business or corporation in another country with the intention of establishing a lasting interest            |
| <b>Fintech</b>            | Computer programmes, mobile applications and other technologies created to improve and automate traditional forms of finance for businesses and/or consumers                            |
| <b>GCC</b>                | Gulf Cooperation Council                                                                                                                                                                |
| <b>Greenhouse gas</b>     | A gas that traps heat in the earth's atmosphere by absorbing infrared radiation                                                                                                         |
| <b>Grid modernization</b> | Changes needed in the power grid to accommodate all the rapid technological changes happening in the generation, transmission and distribution of electric power                        |
| <b>HDT</b>                | Heavy-duty truck                                                                                                                                                                        |
| <b>HEV</b>                | Hybrid electric vehicles, vehicles powered by an internal combustion engine in combination with one or more electric motors                                                             |
| <b>ICE</b>                | Internal combustion engine                                                                                                                                                              |

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ICT</b>            | Information and communication technologies                                                                                                             |
| <b>IEA</b>            | International Energy Agency                                                                                                                            |
| <b>IMO</b>            | International Maritime Organization                                                                                                                    |
| <b>IoT</b>            | Internet of things, the rapidly growing network of connected objects that are able to collect and exchange data in real time using embedded sensors    |
| <b>IPCC</b>           | Intergovernmental panel on climate change                                                                                                              |
| <b>MaaS</b>           | Mobility-as-a-service, also sometimes referred to as taas or transit-as-a-service                                                                      |
| <b>MDT</b>            | Medium-duty truck                                                                                                                                      |
| <b>Micro-mobility</b> | Category of light-weight transportation designed for individual use                                                                                    |
| <b>NUMP/SUMP</b>      | National urban mobility policy/sustainable urban mobility policy                                                                                       |
| <b>OEM</b>            | Original equipment manufacturer, an organization that makes devices from component parts bought from other organizations                               |
| <b>P2P</b>            | Peer-to-peer, a decentralized communications model in which each party has the same capabilities and either party can initiate a communication session |
| <b>PPA</b>            | Power purchase agreement, an arrangement in which a third-party developer installs, owns and operates an energy system on a customer's property        |
| <b>PV</b>             | Photovoltaic technology, generates electricity from the energy of the sun                                                                              |
| <b>Q-commerce</b>     | Quick-commerce, e-commerce businesses that deliver goods within a couple of hours or even minutes                                                      |
| <b>R&amp;D</b>        | Research and development                                                                                                                               |
| <b>SBM</b>            | Single buyer model, a publicly-owned entity that would purchase electricity from private generators and sell power to retailers for sale to customers  |
| <b>SOE</b>            | State-owned enterprise                                                                                                                                 |
| <b>TOD</b>            | Transit-Oriented Development                                                                                                                           |
| <b>V1G</b>            | Smart charging, the ability to dynamically modify the charge rate or the charge time                                                                   |
| <b>V2G</b>            | Vehicle-to-grid, a technology that allows energy to be pushed back to the power grid from the battery of an electric car                               |
| <b>V2H</b>            | Vehicle-to-home, transferring electricity stored in electric vehicles to a house                                                                       |
| <b>V2X</b>            | Vehicle-to-everything, transferring electricity stored in electric vehicles to the grid, buildings, houses and other energy-consuming destinations     |
| <b>VTOL</b>           | Vertical take-off and landing aircraft                                                                                                                 |
| <b>WEF</b>            | World Economic Forum                                                                                                                                   |