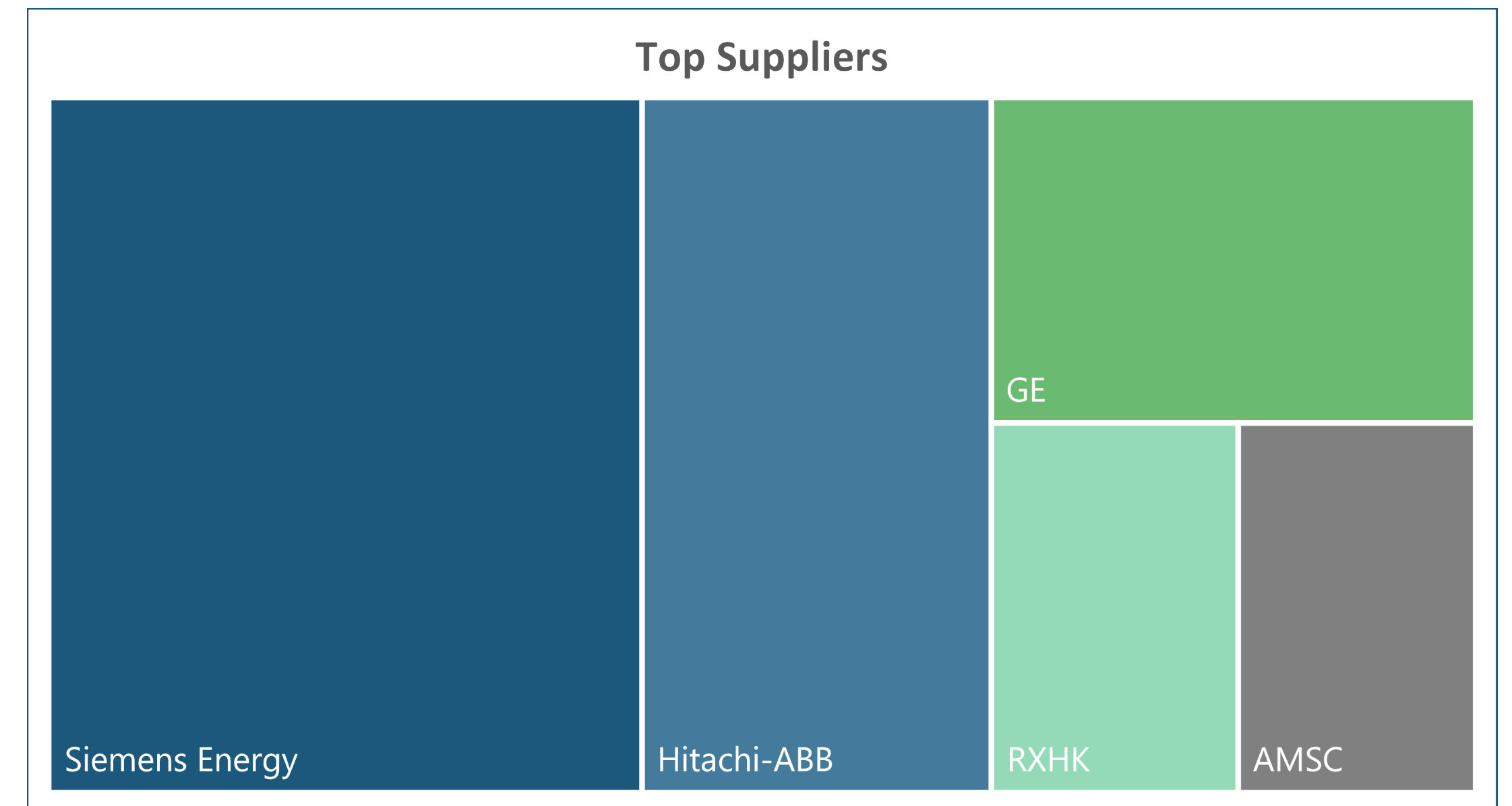
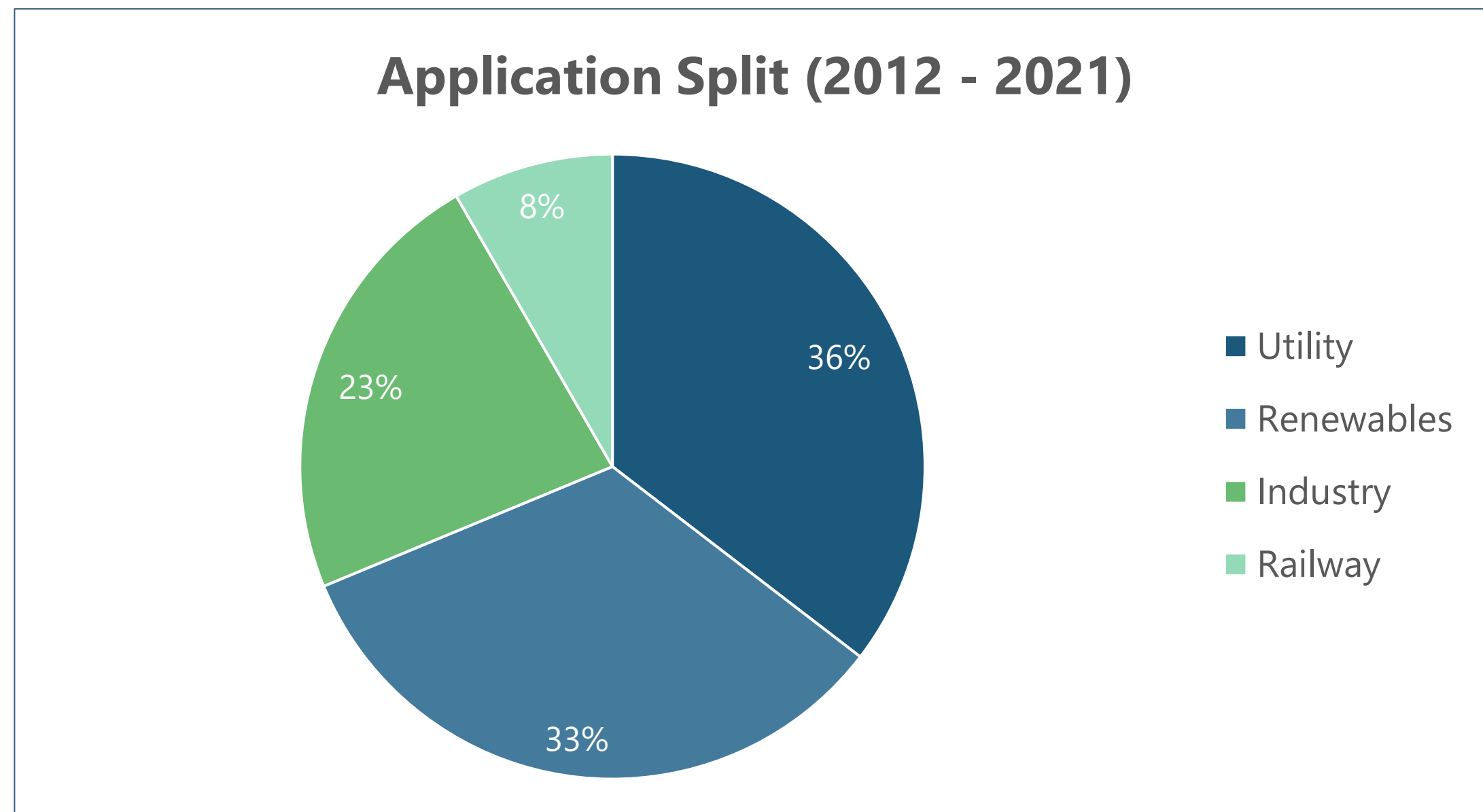




Powering the Future: How FACTS Devices are Paving the Way for Australia's Renewable Energy Goals

Introduction



- From end-application perspective, 36% of these FACTS devices are installed by utility sector followed by renewables accounting for 33%.
- In terms of industrial sector, FACTS devices are mostly deployed in the mining industry as well as oil and gas sector. In the railway sector FACTS devices were installed till 2015 to help support transportation of coal from mines in Queensland.
- The key suppliers for FACTS devices in Australia are Siemens Energy, Hitachi-ABB, GE, and AMSC. Between 2011 to 2020, Siemens Energy was the major supplier, having deployed largest number of MVAR in Australian FACTS market. Other than Siemens Energy, Hitachi-ABB and GE also have strong foothold in Australian FACTS market.
- In the future number of FACTS devices in the power grid will grow as Australia has to achieve target of 82% renewables by 2030.