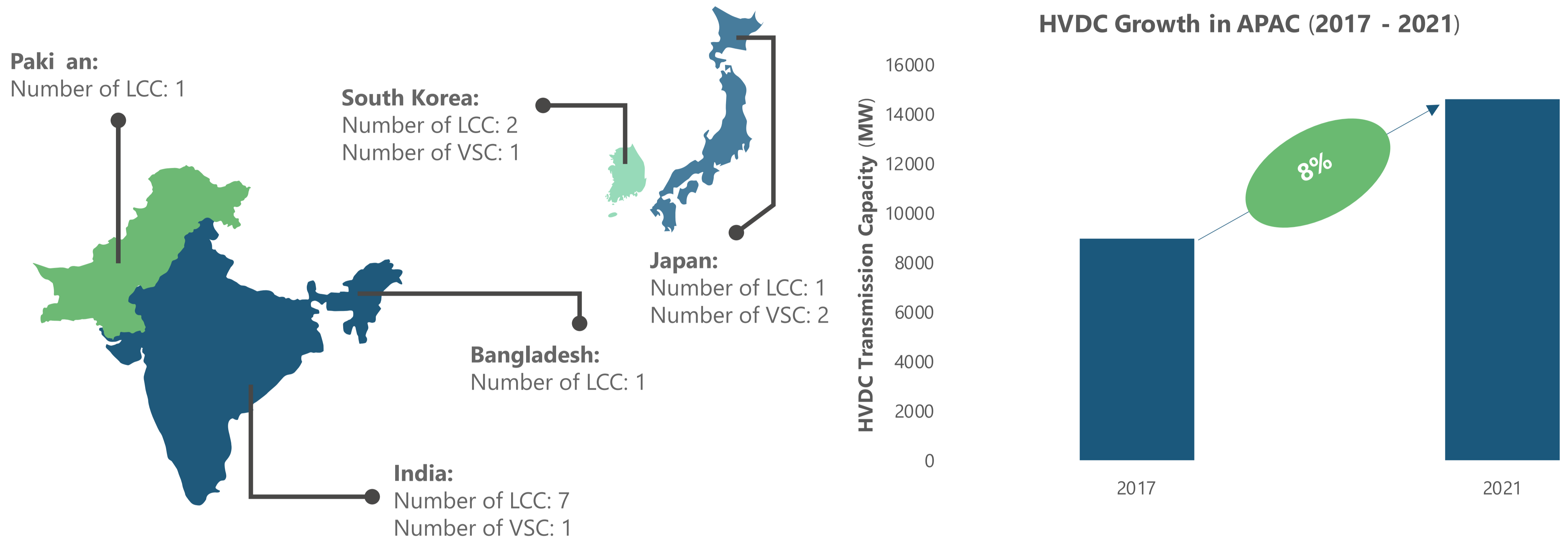




# Transmission Titans: APAC's HVDC Market Dominates with 29 GW of Capacity

The infographic gives insights into the advancements in HVDC technology in the APAC region (excl. China) over the time period 2017-2021.



- The HVDC market in APAC expanded with a CAGR of 8%, accounting for the installation of ~29 GW of HVDC transmission capacity.
- The APAC HVDC market is driven by factors such as the ability to reliably transmit high power loads over long distances, efficient transmission with minimal transmission and distribution losses.
- The line commutated converters (LCC) technology gained traction in the area, accounting for more than 85% of the installed HVDC projects, owing to its high-power transmission capacity, good overload capability at high voltage levels over a long distance, and lesser cost.
- Over the last five years, India remained the major demand centre for HVDC technology in the region, owing to its growing electricity demand and industrialization.
- The voltage source converter (VSC) HVDC technology is still nascent in the region, accounting for 15% of the installed HVDC projects in the region.