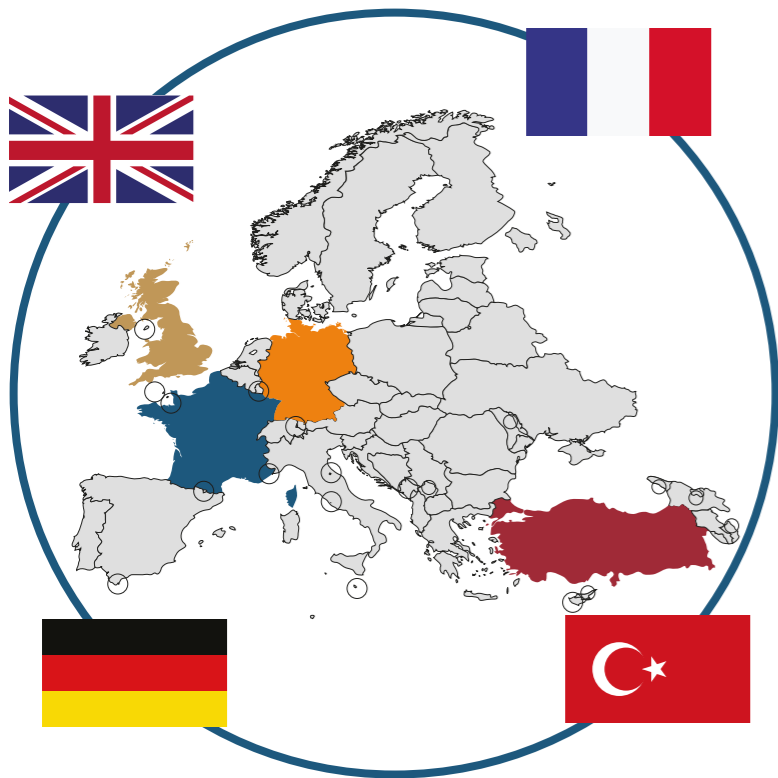


Distribution Transformers Infographic

Overview of 2019 Market in Europe

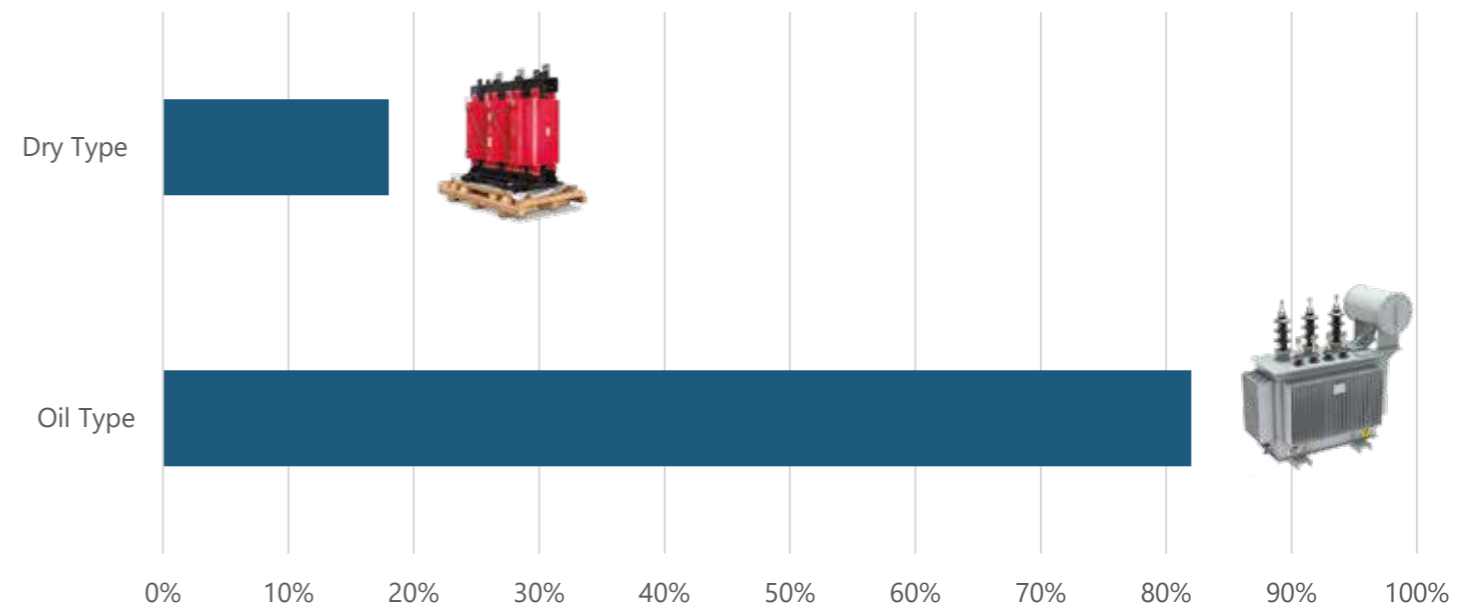
By Azhar Fayyaz

Introduction



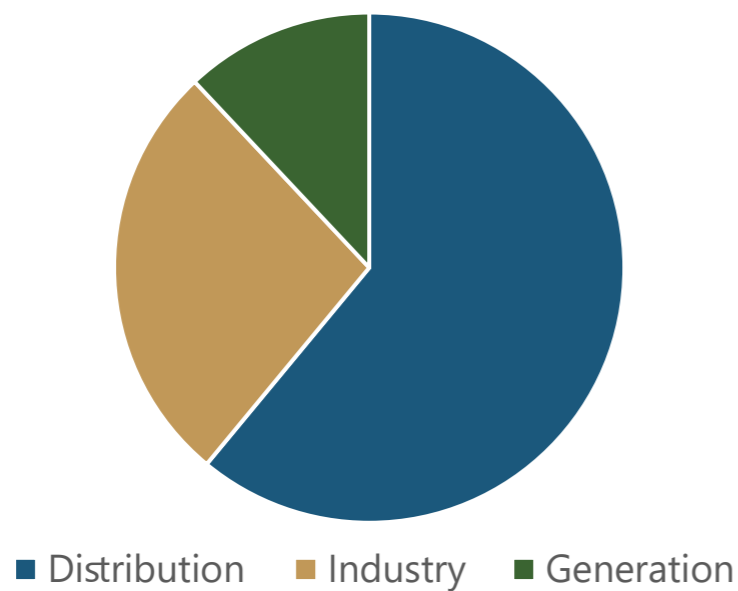
The distribution transformer market in Europe is primarily replacement driven and the emphasis, especially in Nordic regions, to refurbish the 40-year-old grid infrastructure owing to rising energy demand due to urbanization, industrialization and electrification. High penetration of renewables and the electric vehicle charging infrastructure at MV level is also instigating major grid expansion projects, thus driving the market.

Market Size



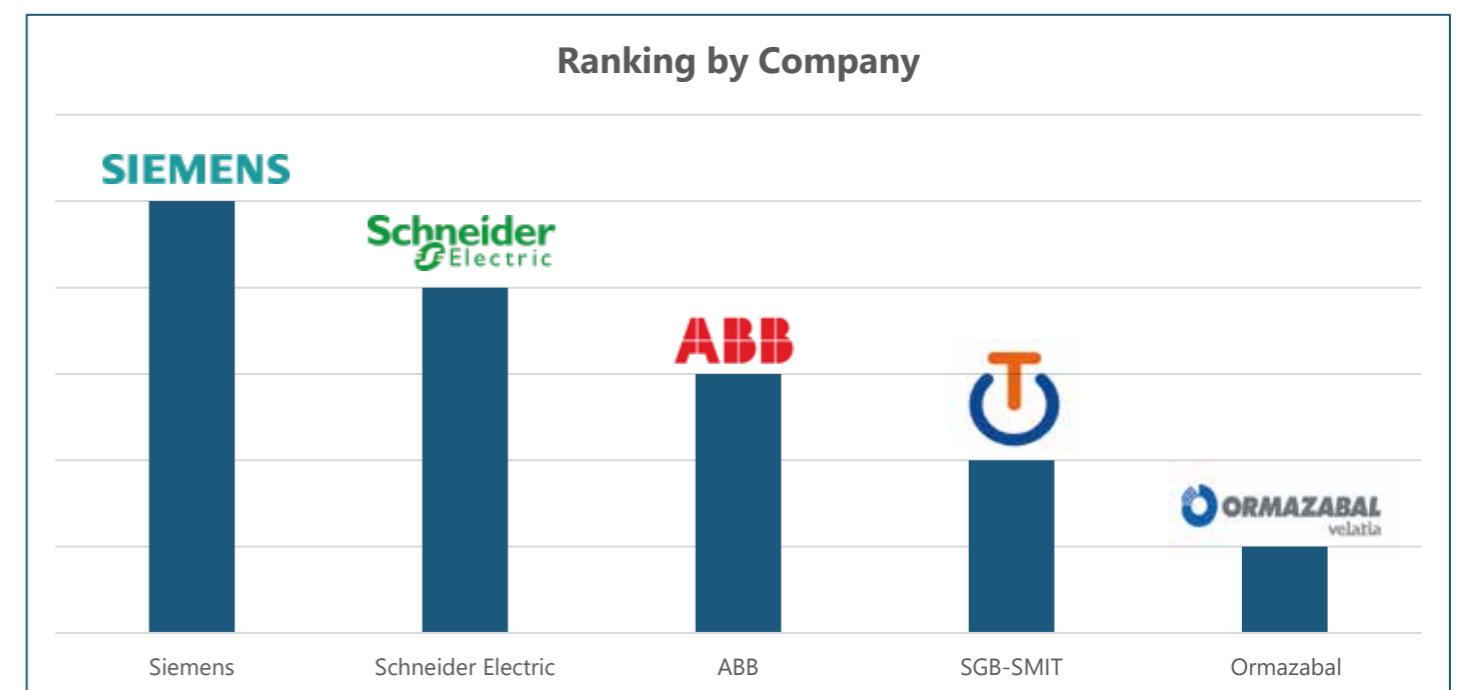
The European market, like the rest of the world, is also dominated by oil type distribution transformers. However, some utilities serving urban areas, especially in Western European countries, have been replacing their oil immersed distribution transformers with dry type transformers due to safety concerns.

Market by Application Vertical



- Utility distribution and industry are the major demand applications contributing around 88% of the total market in 2019 with generation contributing only 12%.
- Even though the generation contribution is presently very small, it is expected to increase significantly in the future with a major push towards renewables in the region.
- Renewables are expected to form ~42% of the total installed capacity by 2030 as many countries in the region have defined goals to increase share of renewables capacity.

Key Suppliers



- Suppliers who manufacture locally in the country have the highest market share, not necessarily due to the local content requirements but rather to the effect of proximity to the customers.
- SGB-SMIT and Siemens both have a large local presence in Germany for the manufacturing of distribution transformers.