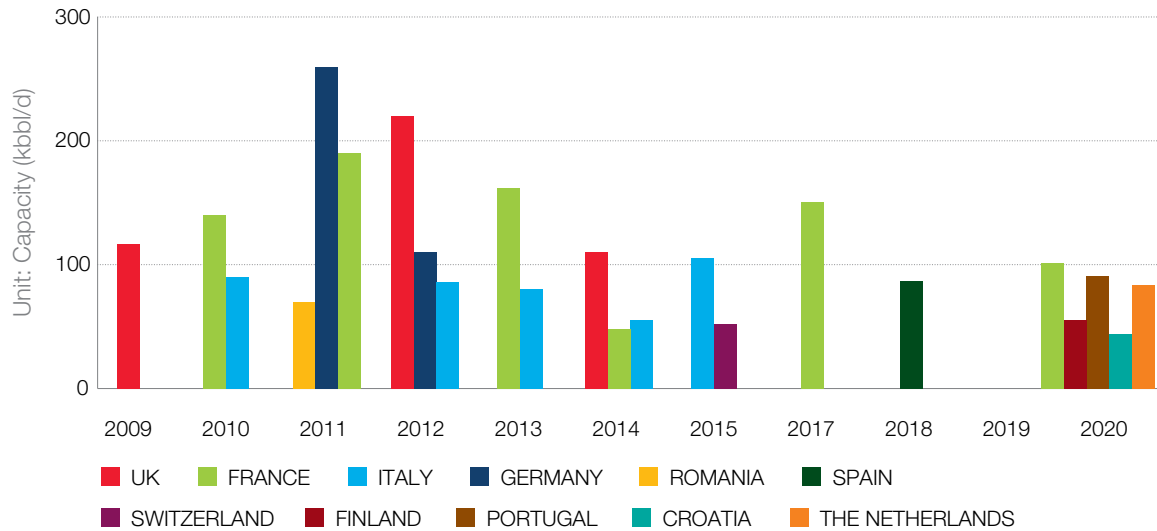


FIG.30 REFINERY CLOSURES IN EUROPE

Source: Platts and Concawe



Threshold > 30 kbbbl/d or 1.5 Mt/a

Since 2009, out of close to 100 refineries operating in Europe, 24 mainstream refineries were closed or transformed. Currently, five refineries in Europe underwent a transformation process, moving away from oil and converting into biorefineries.

Note: The threshold data used as basis for our report was lowered to 30 kbbbl/d or 1.5Mt/a, which added one refinery closure to the total (Dunkirk in 2014).