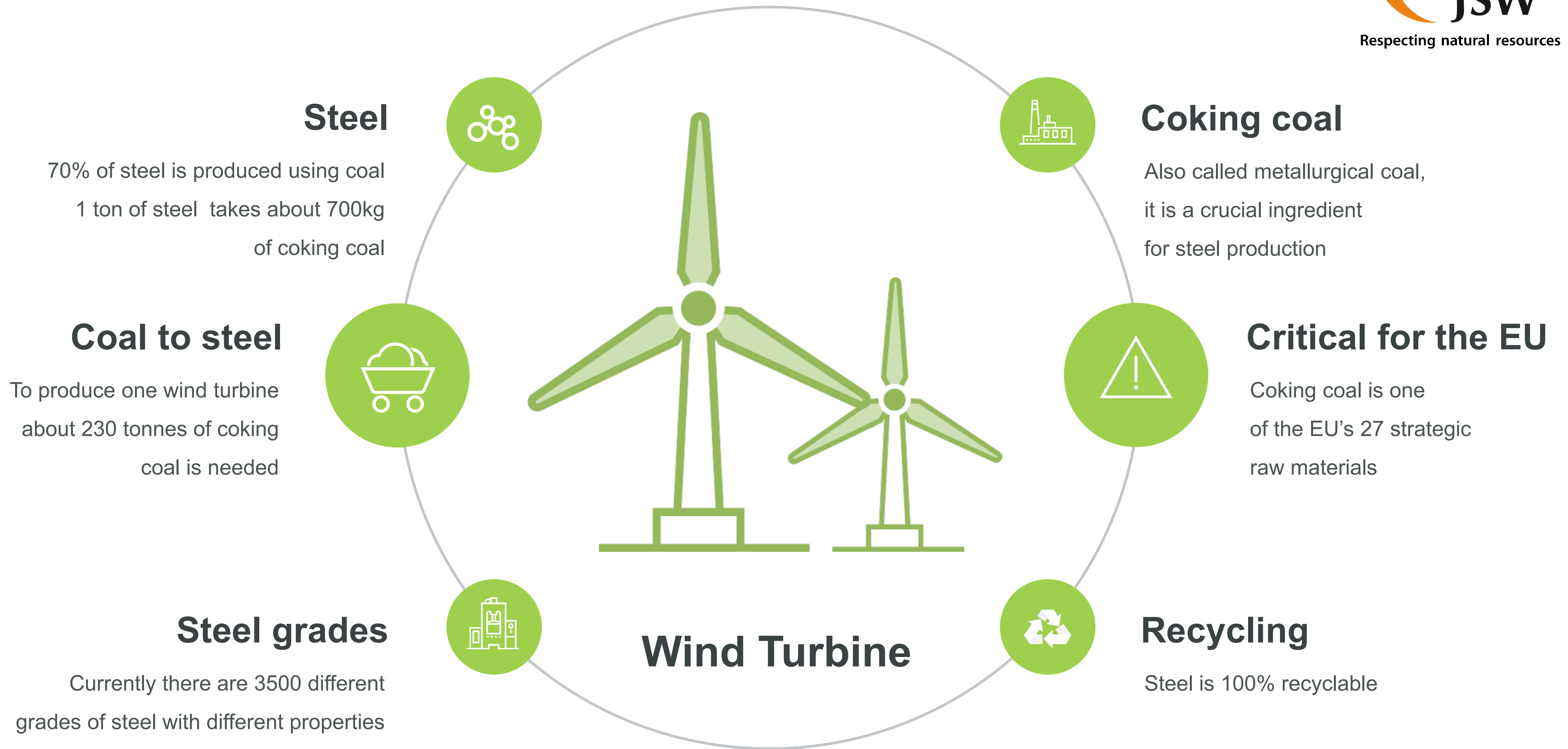




COAL TO HYDROGEN



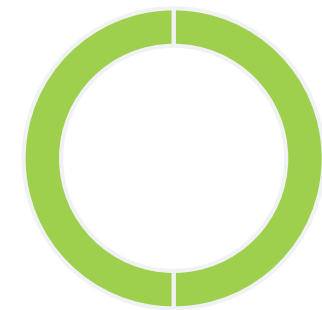
Daniel Ozon
Brussels, 08.04.2019



Industrial usage of coking coal

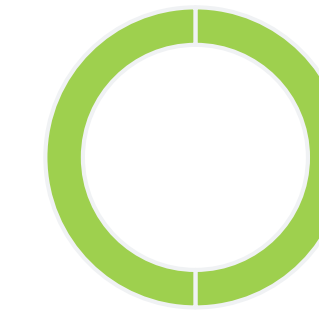


Coke-oven gas



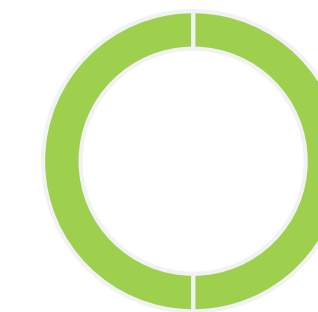
Carbon Capture

With application of the CCU/CCS technology coke-oven gas can become a clean energy source



Hydrogen

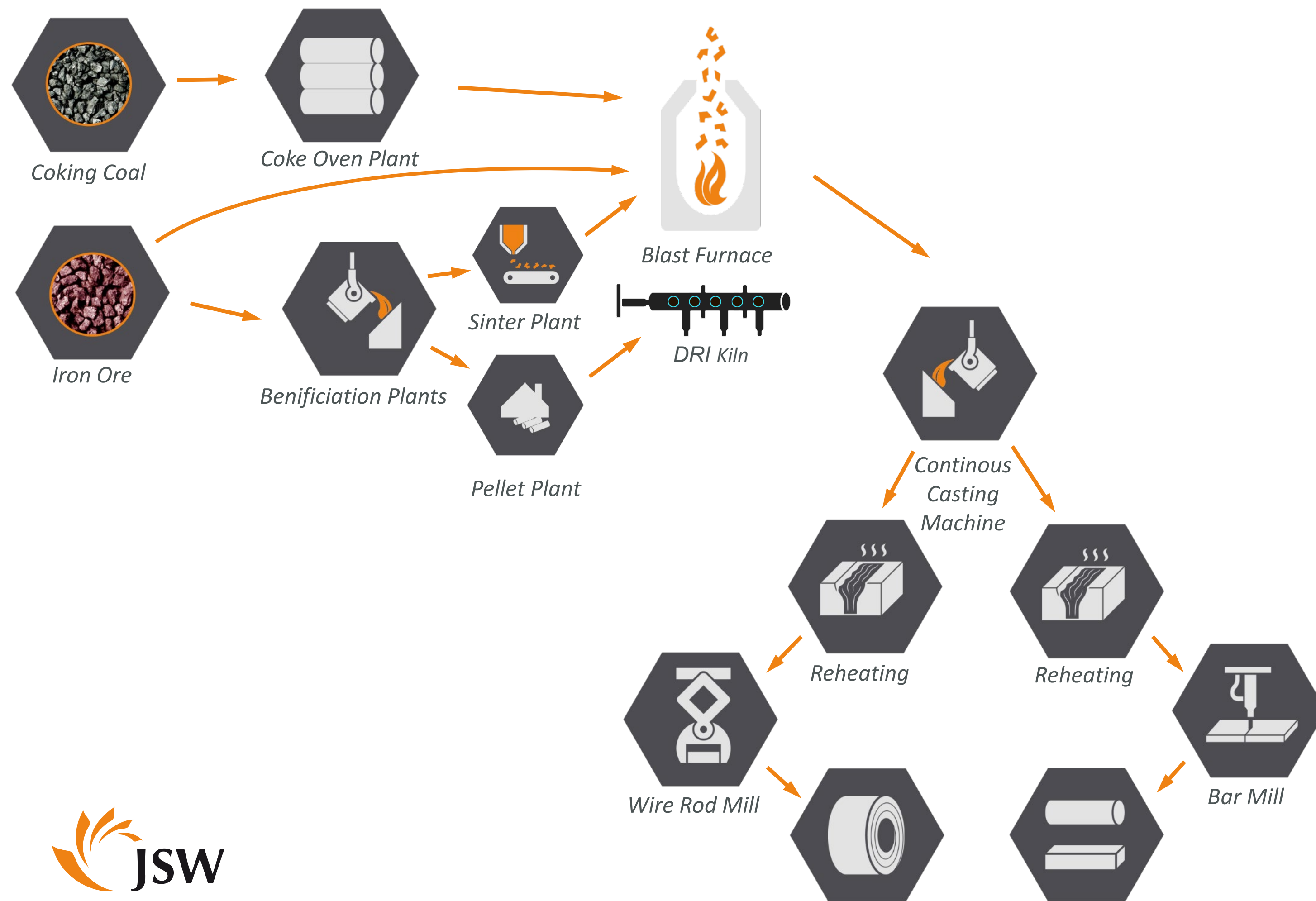
Coke-oven gas contains about 55% of hydrogen



Fuel cell vehicles

After separation from coke-oven gas, cleaned hydrogen can be used in the zero-emission vehicles

Steel making process



Examples of applications

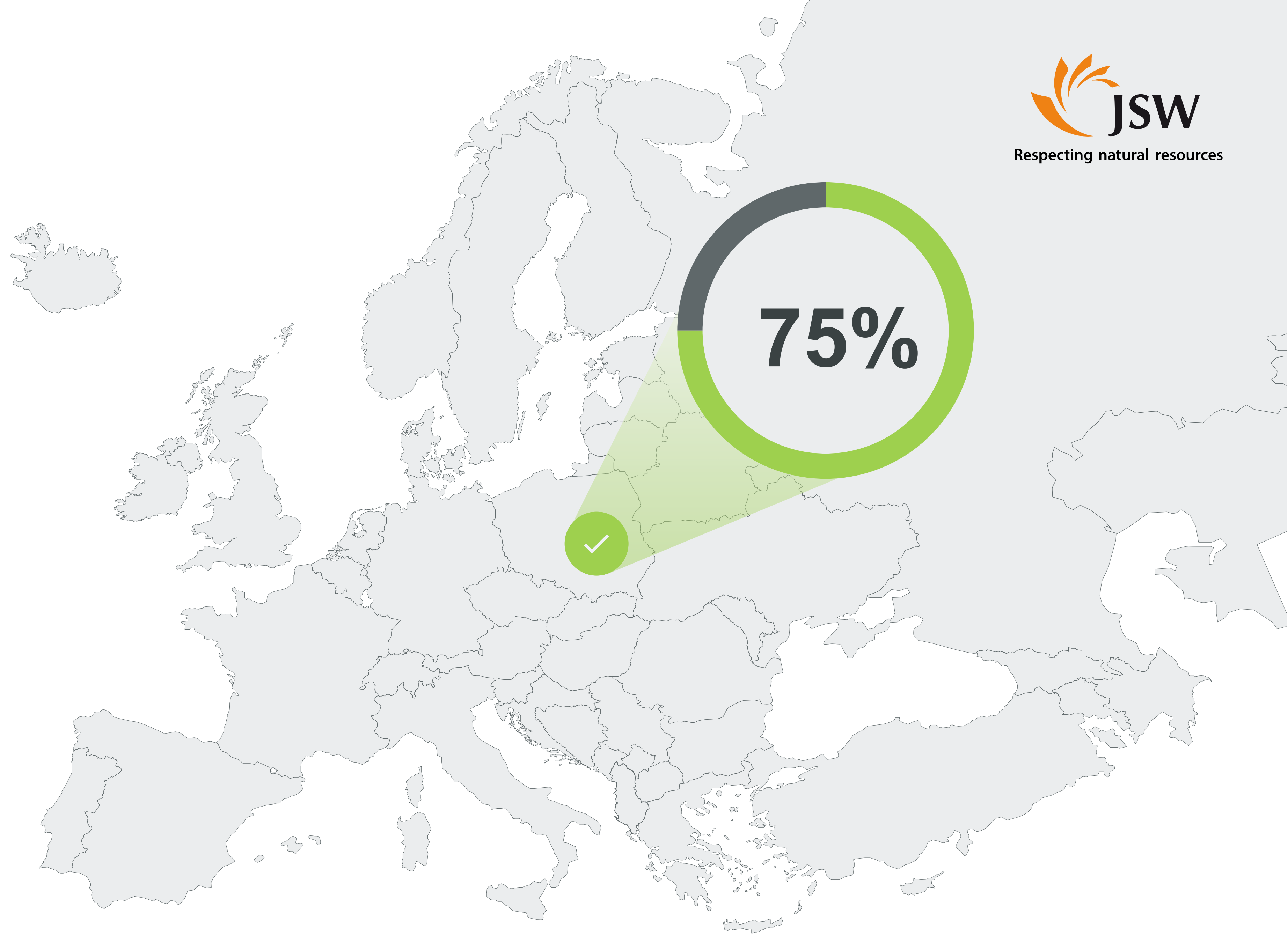


EU Coking Coal Production

75% of the EU's domestic coking coal production is from JSW

EU demand

The estimated EU's import of coking coal in 2017 was 36mt





Respecting natural resources

**THANK
YOU!**