

# GREENSTEEL



BP2 accompanies and shapes the transition to green steel production. The steel industry is currently undergoing a comprehensive transformation towards climate-neutral crude steel production. In the future, it is highly likely that steel production will be based on sponge iron from the direct reduction (DR) process using hydrogen. This sponge iron can be used for further processing in an electric arc furnace (EAF) or to produce crude steel after melting in an oxygen converter. The subsequent refining steps remain unchanged from the current state of the art. A prerequisite for successful CO<sub>2</sub> reduction is the production of green hydrogen and a sufficient supply of renewable energy.

The aim is to reduce CO<sub>2</sub> completely or to continue to use it / manage the CO<sub>2</sub> cycle. The construction and creation of the necessary technical facilities and infrastructure is already in full swing. For our customers, we are happy to supply available steel grades and surface coatings for CO<sub>2</sub>-reduced steels from established production sites and proven technologies from our product portfolio on a 1:1 basis. BP2 is and will remain fully independent of corporations and steel mills, as this gives us the freedom to purchase steel anywhere in the global market to meet individual wishes and needs. We buy green steel products tailored to your order directly from the steel mills, so we can guarantee that the percentage CO<sub>2</sub> reduction meets individual customer requirements. You then receive a certificate verifying the CO<sub>2</sub> emissions saved on the products you have ordered, subject, of course, to their availability at the smelter.

We have now set ourselves the goal of achieving climate neutrality by 2030.

