

## The world's 1<sup>st</sup> biocarbon certified by the Sustainable Biomass Program to comply with the REDII framework



**Renewable carbon feedstock**



**REDII sustainability criteria compliant**



**Traceable & sustainable biomass**



**Controlled energy and GHG intensity**

Biocarbon is an **essential feedstock** for the environmentally friendly production of important raw materials such as *silicon*, *ferroalloys*, *steel*, and *chemicals*, as well as a superior **renewable fuel** for producing *clinker* and *lime*. To demonstrate the **sustainable sourcing** of SOLER biocarbon in sectors regulated by the EU Emissions Trading System (EU ETS), the SOLER Group has achieved **certification for its production sites** through the Sustainable Biomass Program (SBP). This certification confirms that **SOLER biocarbon's supply chains meet and exceed the sustainability criteria** for biomass outlined by the European Union's Renewable Energy Directive (REDII).



The SOLER Group develops, sets up and uses innovative pyro-gasification technology to **convert low-value woody biomass into renewable carbon and green energy**. Today, its three French biorefineries produce 50,000 tonnes of biocarbon annually. This feedstock serves as a **sustainable substitute to fossil coal** in key industries essential for Europe's climate and strategic independence goals, including the production of *silicon metal*, *ferroalloys*, *green steel*, and *chemicals*. Biocarbon is also a high-quality **renewable fuel** for producing *clinker* and *lime*. When combined with Carbon Capture, Use and Storage (CCUS), it enables **climate-positive production** thanks to negative emissions.

These activities fall under the EU Emissions Trading System, which imposes increasingly strict limits on greenhouse gas emissions. Within this framework, biocarbon emerges as a **vital solution for reducing industrial emissions**. The recognition of **sustainable sourcing** of SOLER's biocarbon **according to the Renewable Energy Directive (REDII)** positions it as a **renewable alternative** to fossil raw materials in metallurgical and chemical processes. Since it complies with REDII, the SOLER biocarbon may be **zero-rated** for GHG emissions accounting in the EU-ETS. Its application enables industries to **reduce their CO2 release footprint** and their **compliance cost on the carbon market**.

With **the world's first biocarbon for industrial use certified by the SBP to comply with the REDII**, the SOLER Group offers many European economic sectors a **sustainable exit strategy to fossil coal**. SOLER demonstrates also its commitment to **develop nature positive value chains** that contribute to the sustainable management of forests.

Discover more about SOLER Group on: [www.soler-group.com](http://www.soler-group.com) 