Solid Carbon Products LLC

The Business of transforming CO₂ from an environmental liability into a profitable feedstock.

www.solidcarbonproducts.com
SCP – Catalytic Conversion of CO₂ into Carbon Nanomaterials

CO₂

Hydrogen or Natural Gas

Carbon Nanomaterials

Distilled Water
Agricultural & Industrial Use
Sources of CO$_2$ - SCP is source agnostic

Profitability can drive positive environmental impact
Noyes Process is Carbon-Negative

“the numbers indicate that the overall Noyes Process is carbon-negative - in other words, there is a net carbon reduction – under just about any configuration of the technology”

Noyes Process

\[ \text{CO}_2 + \text{H}_2 \text{ or CH}_4 \rightarrow \text{C}_{\text{Solid}} + \text{H}_2\text{O} \]
Large Market Opportunity – 2018 data

14M tons $18B  +  1.6M tons $4B  +  0.7M tons $2.5B  +  5K tons $0.6B

Carbon Black  +  High Purity Carbon  +  Carbon Fibers  +  Carbon Nanofibers/Tubes

$25.3B

Global Carbon Market
Bringing a new material to market – stamina required

Science & Engineering + Regulatory + Market & Customers + Funding + Barriers

Patents & Scaling + Profitability & Performance

First Revenue
## Low Carbon Economy

<table>
<thead>
<tr>
<th>CO₂ Producers *</th>
<th>Carbon Producers *</th>
<th>Carbon Users *</th>
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</thead>
<tbody>
<tr>
<td>Want higher profitability on their CO₂ product and a stronger CO₂ environmental impact</td>
<td>Want improved profitability in producing carbons and a stronger environmental impact Want higher profitability on their CO₂ product and a stronger CO₂ environmental impact</td>
<td>Two global tire manufacturers want to differentiate their product by using “low CO₂ emission” carbon black, as well as benefit from the enhanced material properties</td>
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** SCP has signed MNDAs with all of these entities**