

# Stable Carbonic Solutions Corp

## THE CHALLENGE

Carbonic acid ( $\text{H}_2\text{CO}_3$ ) has long been considered impractical for industrial applications due to its inherent instability. It rapidly decomposes into  $\text{CO}_2$  and water, making it difficult to control and integrate into scalable industrial processes.

## THE BREAKTHROUGH DISCOVERY

Stable Carbonic Solutions Company (SCSC) has developed and patented a revolutionary mass gas infusion technology that stabilizes carbonic acid. This cost-effective breakthrough transforms carbonic acid from an unstable compound into a versatile, controllable solution with wide-ranging industrial applications.

## HIGH-IMPACT APPLICATIONS

### **CO<sub>2</sub> Utilization & Carbon Capture**

- Enables efficient use of captured  $\text{CO}_2$ , including from direct air capture (DAC).
- Unlocks new practical applications for  $\text{CO}_2$ -based solutions.

### **Hydrogen & Methanol Production**

- Enhances electrolysis efficiency by optimizing  $\text{CO}_2$  infusion.
- Supports green fuel synthesis and decarbonization efforts.

### **Industrial & Commercial Uses**

- Pharmaceuticals, cosmetics, and food & beverage industries benefit from controlled reactivity.
- Oil sands separation and zinc-carbonic acid batteries leverage its unique properties.
- Expands potential across water treatment, chemical manufacturing, and other sectors.

## CARBON CREDIT IMPLICATIONS

SCSC's technology directly contributes to decarbonization, opening new revenue streams through carbon credit markets. Depending on application, SCSC can monetize its impact either through direct credit acquisition or premium pricing strategies for its solutions.

## WHY INVEST?

- Patented technology with first-mover advantage.
- Multi-industry demand with global scalability.
- Carbon credit monetization adds financial upside.
- Sustainable innovation aligned with net-zero goals.

SCSC is positioned to reshape industries and drive the next wave of carbon utilization technologies. Now is the time to invest in a game-changing innovation that turns a fundamental scientific challenge into a commercial opportunity.

## PROVEN TECHNOLOGY

All testing verified by Research & Productivity Council (RPC) in Fredericton.

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