



## Planet Savers, Inc

---

### Company Description

#### Our Thoughts

Although the need to achieve virtually zero CO<sub>2</sub> emissions by 2050 is being called for, people's behavioral change has not kept pace, and CO<sub>2</sub> emissions will continue. It is assumed that we will face a climate crisis in which climate disasters such as tornadoes, heat waves, and floods will occur in a domino-style pattern.

As a trump card to avoid such a situation, Direct Air Capture (DAC), which captures CO<sub>2</sub> directly from the atmosphere, is attracting attention as a CO<sub>2</sub> negative emission technology (= a technology that results in negative net CO<sub>2</sub> emissions through the process), and technology development is underway worldwide. However, the atmospheric CO

However, the technology is still in its infancy due to the extremely low concentration of CO<sub>2</sub> in the atmosphere (0.04%), the limited amount recovered, and a recovery cost of nearly \$1,000/t-CO<sub>2</sub>, so innovation is needed. In addition, recycling DAC-derived CO<sub>2</sub> in the production of synthetic fuels to replace fossil fuels can contribute to the realization of zero emissions.

We at Planet Savers are developing a DAC device that captures CO<sub>2</sub> from the atmosphere using an innovative adsorbent based on zeolite, an inorganic porous material, in order to realize DAC at a practically feasible cost level and save the world from climate change, thereby contributing to achieving virtually zero CO<sub>2</sub> emissions.

In 2050, 1 gigaton of CO<sub>2</sub> will be captured by our device, protecting the beautiful earth for another 100 years.

### Company Details

---

#### Head Office

Japan

#### Main Business

ゼロライトを用いた大気中のCO<sub>2</sub>回収(DAC)装置の開発・販売

#### President

池上 京

#### Established

2023年7月

#### Capital

1億円

#### URL

<https://planetsavers.earth/>

### Offices

---

#### Main Office

Kuwano Bldg.2F  
6-23-4 Jingumae, Shibuya-ku  
Tokyo, Japan, 1500001

---