
Rockefeller S.C.T.

Together we can make a difference

Rockefeller Standard Carbon Trust

About

Carbon Credit Production

Technologies & Partners

Blockchain

Contribute to the drastic reduction of CO2 emissions
through exclusive new our patent technologies.

About

Contribute to the drastic reduction of CO2 emissions
through exclusive new our patent technologies.

Premise

We are delighted to have the opportunity to present our company, Rockefeller Standard Carbon Trust.

Our mission is to produce Carbon Credits, develop projects that facilitate green transactions, create strategic government partnerships to bring entire geographical areas to zero emissions, establish strategic partnerships with large polluting companies to bring entire industrial areas to zero emissions, and become an international hub for new green technologies.

As a company, we are committed to promoting sustainable development, reducing greenhouse gas emissions, and combating climate change. We believe that by working together with governments, industries, and communities, we can create a greener and more sustainable future for all.

Through our carbon credit production and project development, we aim to incentivize companies to reduce their carbon footprint and contribute to the fight against climate change.

Our strategic government partnerships enable us to find solutions to bring entire areas to zero emissions, while our partnerships with large polluting companies allow us to create zero-emission industrial areas.

Furthermore, we are constantly seeking out new green technologies to become an international hub for innovation and sustainable development. We believe that by working together and embracing new technologies, we can create a better future for our planet and future generations.

Premise

The Rockefeller Standard Carbon Trust has established itself as a leading force in several key areas:

1. Carbon Credit Production: We produce Carbon Credits, which incentivize companies to reduce their carbon footprint and contribute to the fight against climate change.
2. Green Transaction Projects: We develop projects that facilitate environmentally conscious transactions, promoting sustainable practices and reducing greenhouse gas emissions.
3. Strategic Government Partnerships: We work closely with governments to find solutions that bring entire geographical areas to zero emissions, creating a more sustainable future for all.
4. Strategic Partnerships with Large Polluting Companies: We collaborate with large polluting companies to bring entire industrial areas to zero emissions, incentivizing sustainable practices and promoting environmental responsibility.
5. International Hub for Green Technologies: We strive to become an international hub for new green technologies, promoting innovation and sustainable development.
6. Our company also offers testing, inspection, and certification services, providing third-party assurance that products, processes, systems, or people conform to specific requirements and standards

Through our initiatives and projects, we aim to promote sustainable development, reduce greenhouse gas emissions, and combat climate change. By working collaboratively with governments, industries, and communities, we can create a brighter, more sustainable future for all. Thank you for considering the Rockefeller Standard Carbon Trust as a partner in promoting environmental responsibility and sustainability.

CEO & President

"The mission of Rockefeller Standard Carbon Trust is to establish the company as the global benchmark in the sustainable technology industry."

-Robert Clyde Rockefeller-

Robert Rockefeller, the visionary CEO and President of Rockefeller Standard Carbon Trust, a global leader in carbon credit production. With extensive experience in business development, mergers and acquisitions, financial processing, strategic planning, and marketing strategy, Robert has successfully led his company to the forefront of the industry.

As a trusted professional, Robert dedicates his time to assisting others in negotiations and overseeing contractual agreements. His expertise and judgment are highly respected and sought after, making him a valuable asset to his partners.

With a passion for sustainability and carbon reduction, Robert is committed to making a positive impact on the environment through Rockefeller Standard Carbon Trust's comprehensive solutions.

At Rockefeller Standard Carbon Trust, Robert's expertise and vision are incorporated into the company's mission to lead the way in carbon credit production and make a meaningful contribution to the fight against climate change.

The Rockefeller Standard Carbon Trust LLC

Mission

Contribute to the drastic reduction of CO2 emissions through exclusive new our patent technologies.

About

The New World Standards for:

- Voluntary Carbon Credits;
- Diversified and Liquid;
- Carbon Negative;
- Testing, Inspection and Certification
- Blockchain Integration.

Goal

Become the world wide leader in the carbon credit market and in sustainability with strong technical & financial partners.

Mission

At the core of our organization lies a steadfast commitment to driving sustainable development forward through a comprehensive and multifaceted approach.

Our mission is to assume a leadership role in this effort by leveraging a diverse range of strategies and initiatives. These include the production of carbon credits, which not only helps mitigate of sustainable policies and the creation of incentives that encourage organizations to prioritize sustainability.

Moreover, we are committed to the adoption of green technologies and the promotion of their widespread implementation.

By identifying and developing innovative and sustainable technologies, we aim to become an international hub for innovation and collaboration.

Mission

To achieve our mission, we organize and participate in various events and conferences aimed at sharing knowledge and best practices in the field of sustainable development. We also work closely with academic institutions and government organizations to identify and promote sustainable solutions to the world's most pressing environmental challenges.

In summary, our mission is to promote sustainable development through a comprehensive and multifaceted approach that includes the production of carbon credits, the promotion of ecological projects, the creation of strategic partnerships, the adoption of green technologies, and the establishment of an international hub for innovation and collaboration.

We are committed to leading the charge towards a more sustainable future for all.

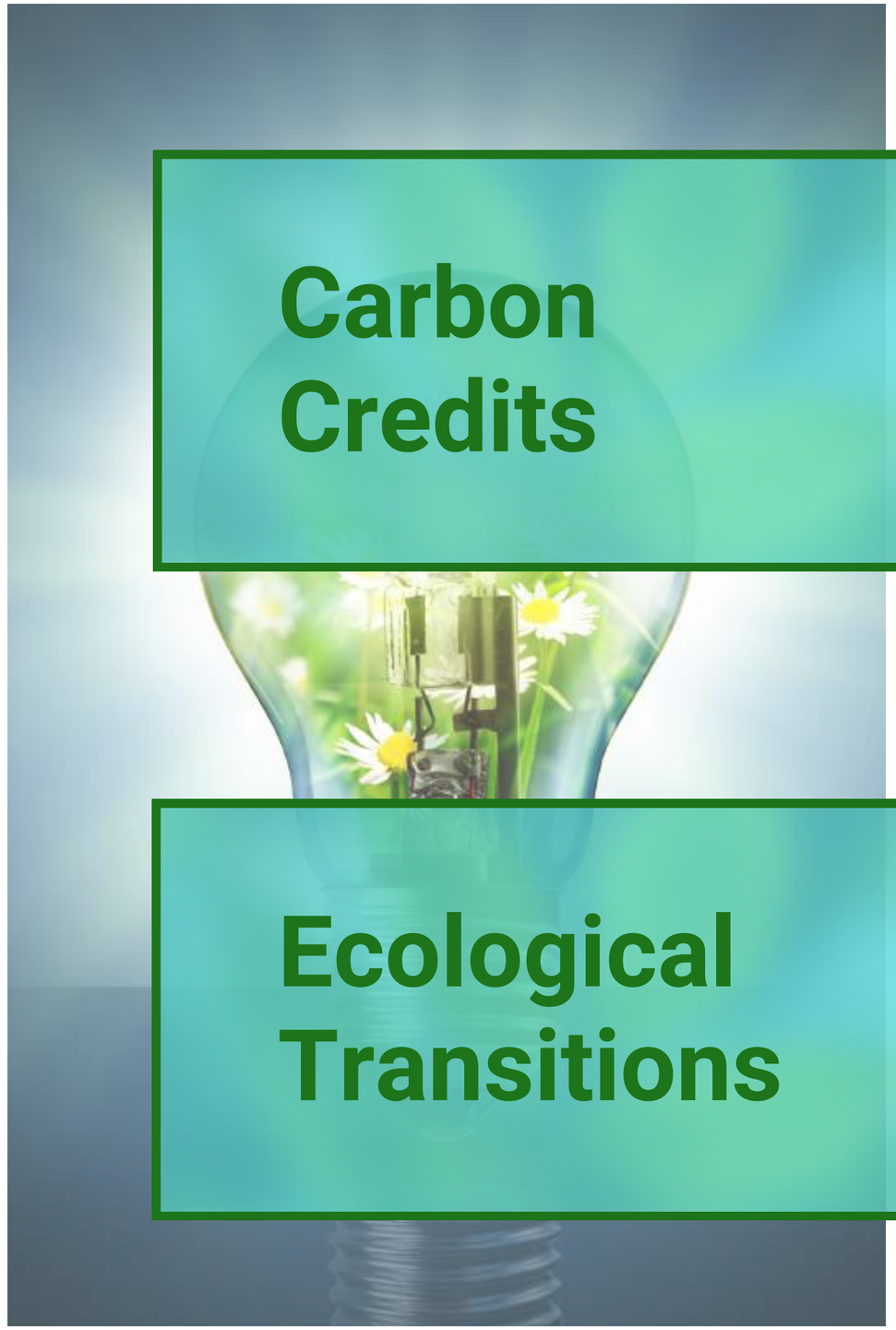
Goal

Our mission is to assume a leadership role in this effort by leveraging a diverse range of strategies and initiatives.

These include the production of carbon credits, which not only helps mitigate of sustainable policies and the creation of incentives that encourage organizations to prioritize sustainability.

Moreover, we are committed to the adoption of green technologies and the promotion of their widespread implementation.

By identifying and developing innovative and sustainable technologies, we aim to become an international hub for innovation and collaboration.



Carbon Credits

Our objective is to help mitigate climate change through the production of carbon credits.

We collaborate with companies and organizations to implement projects that reduce CO2 emissions and produce carbon credits. We ensure that our credits are of high quality and traceable, following international standards such as the Gold Standard and the Verified Carbon Standard.

Ecological Transitions

We promote ecological projects that contribute to the transition to a sustainable economy. We work with companies and organizations to implement projects that increase energy efficiency, promote renewable energy, and reduce greenhouse gas emissions.

Additionally, we promote awareness of the importance of adopting sustainable practices.

We collaborate with governments and governmental organizations to find solutions that bring entire geographic areas to zero emissions.

We work to identify areas with the highest emissions and develop customized projects to reduce them. Additionally, we support the adoption of sustainable policies and the creation of incentives for emission reduction.

Government Partnerships

We collaborate with large polluting companies to identify industrial areas with high emissions and develop customized projects to bring them to zero emissions.

We work to identify the most innovative green technologies and effectively implement them in industrial areas. Additionally, we promote the sharing of best practices among companies to maximize impact.

Companies Partnerships

Rockefeller S.C.T.

International Hub

Establish ourselves as a global hub for the latest advancements in green technology.

Our aim is to promote innovation and the widespread adoption of sustainable technologies.

We work closely with businesses, academic institutions, and governments to identify and develop cutting-edge sustainable technologies, and facilitate their dissemination on a global scale.

In addition, we host a range of events and conferences, providing a platform for knowledge-sharing and best practices in the sustainable technology sector.

Our ultimate goal is to accelerate the transition towards a greener and more sustainable future for all.

The Rockefeller Standard Carbon Trust LLC

Laboratory

The first technological research laboratory of the Rockefeller Standard Carbon Trust is located in the province of Brescia, Italy, and is already operational.

About

Research Team

Our five researchers are developing innovative technologies to produce carbon credits, reduce CO2 emissions and capture CO2 from the air.

Two focus on zero-emission tech for industry, while three work on specialized CO2 capture.

Headquarter

45 Rockefeller Plaza
In Workspace by
Rockefeller Group

New York,
NY 101111

Laboratory

The first technological research laboratory of Rockefeller Standard Carbon Trust, located in the province of Brescia, Italy, is now fully operational!

Our team of five highly qualified researchers is dedicated to developing innovative technologies for carbon credit production that not only eliminate CO2 emissions but also directly remove CO2 from the air.

At Rockefeller Standard Carbon Trust, we are confident that our unique and patented technologies will deliver incredible results.

We are dedicated to making a positive impact on the environment and leading the charge towards a sustainable future.

2 Researchers

Two researchers are actively seeking zero-emission, functional technologies for daily work activities across various industrial sectors.

They have already developed a first prototype of significant technological value.

3 Researchers

The other three researchers are exclusively focused on a specialized technology for capturing CO2 from the air without producing any additional emissions - a revolutionary breakthrough that we believe will make us one of the first companies in the world to achieve this!

The Rockefeller Standard Carbon Trust LLC

About

Patented Technologies

Five patented technologies, three for direct air CO2 capture and two for CO2 emissions reduction in industrial sectors, will be officially presented.

Patents

Five new patented technologies will be unveiled: three for direct air CO2 capture and two for significant CO2 emissions reduction in chemical and metallurgical companies

Registered Office

255 Limestone Road
STE 200-C Wilmington
1908 Delaware

Carbon Credit Production

Contribute to the drastic reduction of CO2 emissions through exclusive new our patent technologies.

Carbon Credit Production

What is a Carbon Credit?

A carbon credit represents the reduction or removal of one tonne of CO2 equivalent from the atmosphere.

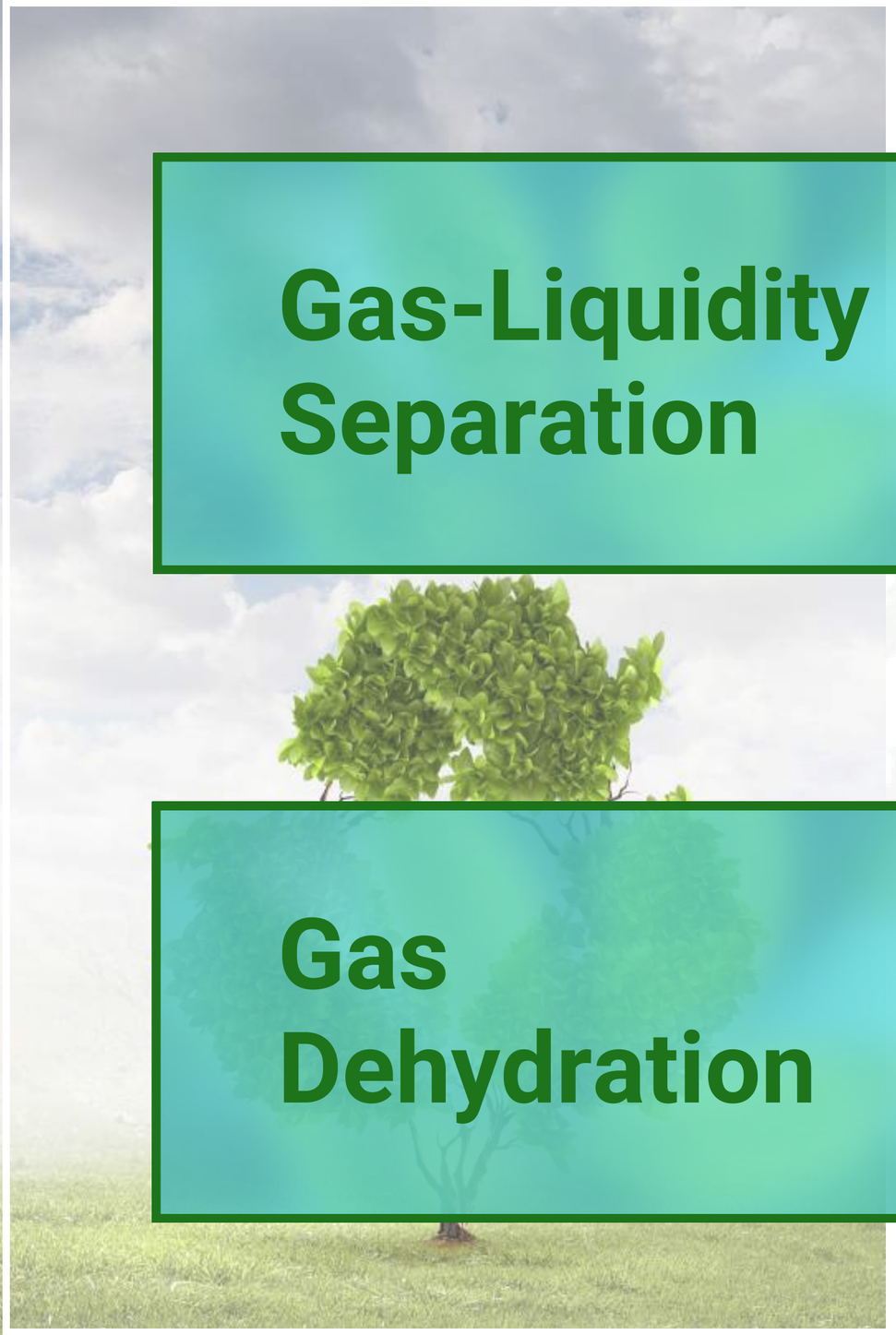
Certified carbon credits are a financial instrument used in Corporate climate change mitigation strategies to offset residual greenhouse gas emissions.

Carbon Credit Production

How are Carbon Credits generated?

Our carbon credit production will be achieved through the use of new, exclusively patented technologies.

These technologies will be officially presented and will directly capture CO2 from the air, significantly reduce CO2 emissions for chemical and metallurgical companies, and provide specific solutions for the Oil & Gas sector.



Gas-Liquidity Separation

A fundamental step in each oil and gas processing unit is to segregate liquid and gas streams for further processing or recovery, or to protect the process media and equipment that treat the process gas.

Gas Dehydration

Dehydration is a crucial step in gas treatment that is included in nearly all gas processing units to prevent the formation of hydrates in high-pressure natural gases during transmission, cryogenic gas processing (such as LPG/NGL recovery, or in LNGs), and to prevent corrosion from condensed water in sour gas.

Dew Point Control

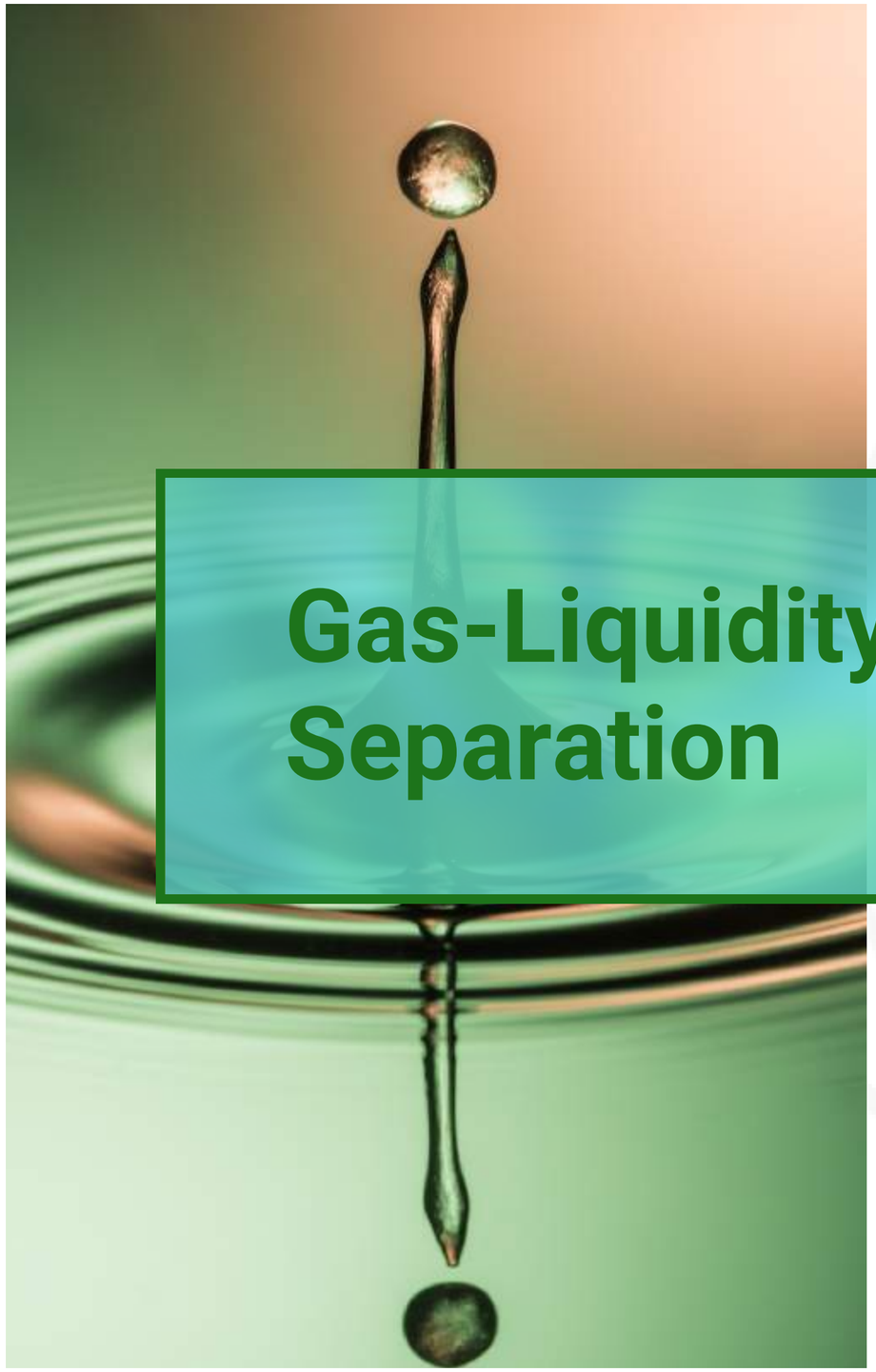
The control of water and hydrocarbon dew points in natural gas streams is essential for safe transportation and utilization of natural gases.

Depending on market specifications, typical natural gas dew points range from -5oC to -20oC for water dew point and from 0oC to -10oC for hydrocarbon dew point, while lower values may be required for subsea pipeline transportation.

NGL/LPG Cryo Recovery

The recovery of NGL/LPG is typically accomplished through cryogenic processing, with minimum temperatures that can be as low as -80oC (NGLs) or -110oC (for high-efficiency C2 recovery).

Cryogenic processing requires proper gas dehydration, which is typically achieved using molecular sieves for lower temperatures.



Gas-Liquidity Separation

Gas-liquidity separation is the process of separating CO2 from natural gas streams to create high-purity CO2 for carbon credits.

The separation is achieved through physical or chemical absorption processes such as amine scrubbing or membrane separation.

The resulting CO2 is then compressed and transported for use in carbon capture and storage or for sale as carbon credits. This technology is essential for reducing greenhouse gas emissions and promoting the use of cleaner fuels.

It is becoming increasingly important in industries that emit high levels of CO2, and the sale of carbon credits generated from this process can provide financial incentives for companies to reduce their carbon footprint.

Gas-Liquidity Separation

Gas-liquidity separation is a highly advanced and complex process that involves multiple steps and technologies.

The first step is the removal of any liquids or condensates from the natural gas stream using separation techniques such as filters or centrifuges.

Next, the CO2 is separated from the natural gas stream using physical or chemical absorption processes such as amine scrubbing or membrane separation.

Amine scrubbing involves passing the gas stream through an aqueous solution of amine compounds, which selectively react with CO2 to form a stable complex.

The CO2-rich solution is then stripped of the CO2 using heat or pressure, resulting in high-purity CO2.

Membrane separation uses specially designed membranes that allow CO2 to selectively pass through while blocking other gases.

Gas-Liquidity Separation

The resulting high-purity CO2 is then compressed and transported for use in carbon capture and storage or for sale as carbon credits.

This technology is essential for reducing greenhouse gas emissions and promoting the use of cleaner fuels. It is increasingly important in industries that emit high levels of CO2, such as power generation, cement production, and chemical processing.

The sale of carbon credits generated from this process can provide financial incentives for companies to reduce their carbon footprint, making gas-liquidity separation a key tool in the fight against climate change.

Gas Dehydration

Gas dehydration is a process used to remove water from natural gas streams, which is necessary to prevent corrosion, hydrate formation, and other problems in pipelines and processing facilities.

This process involves the use of a desiccant material, such as silica gel or molecular sieves, which adsorb water from the gas stream as it passes through the dehydration unit. The resulting dry gas is then sent to the next stage of processing or transported through pipelines.

Gas dehydration is essential for the efficient and safe transportation of natural gas and helps to maintain the quality of the gas stream. It is commonly used in natural gas processing plants, offshore platforms, and pipelines, as well as in industrial applications such as chemical production and air conditioning.

The process can also improve the performance and reliability of gas-fired power plants by reducing the risk of corrosion and equipment failure. Overall, gas dehydration is a critical step in the production and transportation of natural gas, which is a significant contributor to global energy consumption.

Gas Dehydration

Gas dehydration is a complex process that involves the removal of water molecules from natural gas streams.

The presence of water in gas streams can cause several problems, including corrosion, hydrate formation, and pipeline blockages, which can lead to equipment failure, reduced efficiency, and safety hazards.

To remove water from gas streams, desiccant materials such as silica gel, activated alumina, or molecular sieves are commonly used. These materials have high surface areas and can adsorb water molecules from gas streams through a process known as adsorption.

The gas dehydration process typically involves two main stages: adsorption and regeneration. During the adsorption stage, the wet gas stream is passed through a bed of desiccant material, where water molecules are adsorbed onto the surface of the desiccant.

The resulting dry gas is then sent to the next stage of processing or transported through pipelines.

The desiccant material used in the gas dehydration process needs to be periodically regenerated to restore its adsorption capacity.

This is typically done by heating the desiccant bed to a high temperature, which drives off the adsorbed water molecules and restores the desiccant's adsorption capacity.

The design and operation of gas dehydration systems can vary depending on the specific application and operating conditions. Factors such as gas composition, flow rate, pressure, and temperature can all affect the efficiency and performance of gas dehydration systems.

Gas dehydration is an essential step in natural gas processing and transportation, and it plays a crucial role in maintaining the quality, safety, and reliability of natural gas supplies.

Advances in materials science and engineering are continually improving the efficiency and performance of gas dehydration systems, enabling the safe and efficient transport of natural gas to meet the growing global demand for energy.

Gas Dehydration

Dew Point Control

Dew point control is a process that is used to remove water vapor from natural gas or CO2 streams by lowering the temperature of the gas or CO2 stream to below its dew point.

This process is important in reducing the moisture content of the gas or CO2 stream, which can cause corrosion and other problems in pipelines and processing facilities.

The dew point control technology involves cooling the gas or CO2 stream and passing it through a series of separators, which remove any condensed water.

This process can be essential in creating high-purity CO2 for carbon credits. The resulting dry gas or CO2 is then sent to the next stage of processing or transported through pipelines.

Dew Point Control technology is widely used in the natural gas and CO2 processing industries to ensure safe and efficient transportation of gas and CO2 streams.

Dew Point Control

The design and operation of dew point control systems can vary depending on the specific application and operating conditions. Factors such as gas composition, flow rate, pressure, and temperature can all affect the efficiency and performance of dew point control systems.

In summary, dew point control is a crucial process in the natural gas and CO2 processing industries, which involves the removal of water vapor from gas streams by controlling the dew point of the gas or CO2 stream.

This process ensures the safe and efficient transportation of gas and CO2 streams, and is essential in the production of high-purity CO2 for carbon credits.

NGL/LPG Cryo Recovery

NGL/LPG cryogenic recovery is a process used to recover natural gas liquids (NGLs) and liquefied petroleum gas (LPG) from natural gas streams.

The process involves cooling the natural gas stream to a temperature where the NGLs and LPG can be liquefied and separated from the natural gas. The liquefied NGLs and LPG are then separated from each other using distillation or other separation techniques.

This process can also be used to recover CO2 from the natural gas stream by separating it from other gases.

The resulting high-purity CO2 can be used for carbon credits or other applications.

NGL/LPG cryogenic recovery technology is widely used in the natural gas industry and can help to reduce greenhouse gas emissions by capturing and separating CO2 and other gases from natural gas streams.

NGL/LPG cryogenic recovery is a highly specialized process used to recover natural gas liquids (NGLs) and liquefied petroleum gas (LPG) from natural gas streams. The process involves several steps, including cooling the natural gas stream to a temperature where the NGLs and LPG can be liquefied and separated from the natural gas.

The liquefaction process typically involves the use of a cryogenic refrigeration system, which cools the natural gas stream to temperatures as low as -120°C (-184°F).

At these temperatures, the NGLs and LPG components of the natural gas stream condense into a liquid state and can be separated from the natural gas using various separation techniques.

The separated NGLs and LPG are then further processed using distillation or other separation techniques to remove impurities and obtain a final product with the desired composition and purity. The final product is then transported to storage tanks or directly to customers for use as fuel or other industrial applications.

NGL/LPG Cryo Recovery

NGL/LPG Cryo Recovery

NGL/LPG cryogenic recovery technology can also be used to recover CO2 from natural gas streams.

This involves separating the CO2 from the other gases in the natural gas stream, which can then be liquefied and stored for use in carbon capture and storage (CCS) or other applications.

The resulting high-purity CO2 can be used for carbon credits or other applications, such as enhanced oil recovery, where the CO2 is injected into oil wells to enhance oil recovery rates.

NGL/LPG cryogenic recovery technology is widely used in the natural gas industry and can help to reduce greenhouse gas emissions by capturing and separating CO2 and other gases from natural gas streams.

The technology is also highly energy-efficient, with the liquefaction process requiring significantly less energy than other gas separation technologies.

In summary, NGL/LPG cryogenic recovery is a highly specialized process used to recover natural gas liquids and liquefied petroleum gas from natural gas streams.

The process involves cooling the natural gas stream to a temperature where the NGLs and LPG can be liquefied and separated from the natural gas.

The resulting high-purity CO2 can also be used for carbon credits or other applications, making this technology an important tool for reducing greenhouse gas emissions in the natural gas industry.

NGL/LPG Cryo Recovery

Testing, Inspection and Certification

What does TIC means?

At the Rockefeller Standard Carbon Trust, we acknowledge the importance of reliable and trustworthy carbon credits within the global carbon market.

Our services include Testing, Inspection, and Certification (TIC), ensuring compliance with both national and international standards and regulations.

Testing, Inspection Certification

At the Rockefeller Standard Carbon Trust, our TIC services are essential in the verification and certification of carbon credits, guaranteeing adherence to quality standards and the effective reduction of greenhouse gas emissions. We promote market transparency and prevent potential fraud by ensuring compliance with regulations through our carbon credit verification.

Our team of highly skilled professionals and specialized equipment ensures that the intricate process of carbon credit verification and certification is conducted with precision and accuracy. Our TIC services are crucial in maintaining compliance with international regulations and building confidence in the global carbon market.

To conclude, we are committed to providing reliable and precise TIC services for carbon credits at the Rockefeller Standard Carbon Trust. Our efforts contribute to mitigating climate change by reducing greenhouse gas emissions.

Sustainability

Collaborating with you to achieve a more accountable, equitable, and sustainable future is our mission.

Our primary objective is to support our partners in adopting a holistic approach to sustainability, ensuring that they address the environmental impact of their activities at every stage of their cycle, and reduce it substantially.

We offer advanced technological testing services to assess the compliance and effectiveness of machinery and devices with international regulatory requirements.

Our Testing Protocols cover full-compliance assessments for entry into global markets and pre-compliance evaluations to determine the compliance status of machinery and devices before entering the international market.

Our CB Certification Scheme, which conforms to the International Electrotechnical Commission, is recognized in over 50 countries, ensuring compliance with international standards.

Sustainability

Our services aim to measure and demonstrate the effectiveness of adopted measures and newly installed technologies in significantly reducing environmental impact and promoting global environmental well-being.

We offer **consulting services** to advise businesses on developing strategies and action plans for reducing their environmental impact and adopting sustainable practices.

Our **waste management services** ensure that businesses dispose of waste safely and sustainably, reducing their environmental impact.

We specialize in the development of **sustainable products and services**, designed to be environmentally sustainable throughout their life cycle, from production to use and disposal.

Moreover, we help companies identify and mitigate the **environmental impact** of their supply chain and business partners, contributing to a more sustainable future.

We offer **training and awareness services** to companies and their partners' employees to encourage the adoption of sustainable practices.

Sustainability

Our testing services cover a wide range of environmental analyses, including:

a) **Water analysis**: our laboratory can evaluate the quality of surface and groundwater, identifying pollutants and assessing their impact on the ecosystem and human health. This information can help develop strategies to protect and restore water resources.

b) **Soil analysis**: our laboratory can evaluate soil contamination, identifying the presence of pollutants such as heavy metals and hydrocarbons. These analyses can help develop strategies for remediating polluted sites.

c) **Air analysis:** our laboratory can evaluate air quality, identifying the presence of pollutants such as PM10, PM2.5, NOx, and SOx. This information can help develop strategies to reduce air emissions and improve air quality.

d) **Waste analysis:** our laboratory can evaluate the composition of waste, identifying the presence of recyclable materials and the amount of waste destined for landfill. This information can help develop strategies to reduce waste generation and promote recycling.

e) **Product analysis:** our laboratory can evaluate the sustainability of products, assessing their environmental impact throughout their life cycle and identifying opportunities to improve their sustainability.

Sustainability

Our services include **water engineering and purification**, such as the design and construction of wastewater and industrial water treatment plants, as well as the treatment and management of drinking and meteoric water, including the maintenance of purification plants.

We also specialize in **the development of CO2 reduction efficiency validation protocols** and offer full-chain certification methodology to validate the effectiveness of CO2 reduction processes.

Together we can make a difference

Rockefeller Standard Carbon Trust

Contribute to the drastic reduction of CO2 emissions
through exclusive new our patent technologies.

Technologies & Patents

The Company is pleased to announce the forthcoming official presentation of three new patented technologies, which target the capture of CO2 from ambient air.

Additionally, two new patented technologies will be showcased, which target a significant reduction of CO2 emissions for chemical and metallurgical companies.

SIA → **Fire Fighting System**

SIIRTEC NIGI → **Engineering & Contracting Solutions**

RECOOL → **Recycling Coolants in CNC Machines**

SIA
Fire Fighting System

The technological solution as being tested for certification of the effectiveness in abatement of polluting bacteria and viruses in indoor areas.

Siirtec Nigi
Engineering & Contracting Solutions

Optimazed process solutions On Shore & Off Shore revamp grass-root facilities.

Recool Technology
Recycling Coolants in CNC Machines

Metalworking fluids have a great environmental impact, during all stages of the life cycle. The main environmental effort is therefore to prolong the life of the fluid.

SIA
Fire Fighting System

The technological solution as being tested for certification of the effectiveness in abatement of polluting bacteria and viruses in indoor areas.

SIA® FIRE FIGHTING SYSTEMS AIR

SIA is a company that develops and builds products based on biomimicry, which is the science of studying natural biological and biomechanical processes and imitating them to create useful technologies in the human context.

Biomimicry is derived from the Greek words "βίος" meaning life and "μίμησις" meaning to imitate. By studying the way that plants and animals have evolved to solve problems in their environments, SIA can propose solutions that are efficient, sustainable, and environmentally friendly.

The use of biomimicry in product design allows SIA to create innovative solutions that are inspired by nature and provide benefits to both humans and the planet.

SIA® FIRE FIGHTING SYSTEMS

TECHNOLOGY

A technological solution is currently being tested to certify its effectiveness in reducing polluting bacteria and viruses in indoor areas.

The solution is designed to provide a safe and healthy environment by eliminating harmful pathogens that can cause illness and disease. The certification process will ensure that the solution meets the necessary standards and regulations for indoor air quality and environmental safety.

By using advanced technologies to combat indoor pollution, this solution has the potential to improve public health and reduce the risk of airborne diseases in a variety of settings, from homes and offices to hospitals and public spaces.

SIA® FIRE FIGHTING SYSTEMS

STRATEGY

A private company with over 40 years of experience in research and development specializes in providing integrated purification solutions that are flexible and tailored to meet individual needs.

The company prides itself on offering bespoke solutions that are customized to address specific purification challenges and requirements. By leveraging its extensive experience and expertise in the field of purification, the company is able to provide innovative and effective solutions for a wide range of industries and applications.

The company's focus on flexibility and customization ensures that its clients receive solutions that are optimized for their unique needs and can adapt to changing circumstances over time.

SIA® FIRE FIGHTING SYSTEMS

PHILOSOPHY

REMOVAL

First reproducing the rainstorm, GHG* and air pollutants are captured from the intake air.

TRANSFORMATION

Then like seashell formation process GHG and air pollutant carbonates transforms into calcium bicarbonates.

Ca(HCO3)2

UTILIZATION

Utilization of calcium bicarbonates is used to: de-acidify the sea water or Implement cement performance.

The treated Air removed from GHG and Pollutants.

Will be rereleased in the environment
improving the air quality
Where people live.

Rockefeller S.C.T.

Siirtec Nigi
Engineering & Contracting Solutions

Optimazed process solutions On Shore & Off Shore revamp grass-root facilities.

Siirtec Nigi

Siirtec Nigi

Core

Optimized process solutions On Shore & Off Shore revamp grass-root facilities.

It has a considerable and consolidated experience in all technologies involved in CO2 Compression and Treatment and required for CO2 storage projects with several references for Acid Gas treatment units.

Gas Processing Technology

- Gas-Liquid Separation
- Gas Dehydration
- Dew Point Control
- NGL/LPG Cryo Recovery

Carbon Capture

Siirtec's acid gas treatment experience allows it to offer valuable engineering capabilities for CCUS processes and technologies. It provides pre- and post-combustion acid gas treatment expertise for the oil and gas industry.

Integrated Plant Approach

Applying CCUS technologies means building a profitable energy product portfolio while achieving net-zero greenhouse gas emissions.

This provides another solution to the global shift towards clean energy

CO2 Storage

CO2 storage projects requires the mandatory steps of CO2 compression and CO2 treatment.

Liquefaction can be also required in case transfer pipeline or injection wells are not available.

Rockefeller S.C.T.

Recool Technology

Recycling Coolants in CNC Machines

Metalworking fluids have a great environmental impact, during all stages of the life cycle. The main environmental effort is therefore to prolong the life of the fluid.

INDUSTRY NEEDS AND REASONS

- **Coolants in CNC machines:**
  - Contaminated by dust, sawdust garbage and external oils
  - Generates anaerobics bacteria and heavy odor
  - replaced in 3-6 months

- **Recycling of coolant (cutting fluid) used CNC machines is needed for sustainable production**

Recool Technologies

technologies recool

Existing Problems in the Sector

- Inefficiency
- High Costs
- Employee Health Threat
- Harm of Wastes to Nature

Inefficiency

- CNC end blunting
- CNC equipment rusting
- Oil change time

High Cost

- Frequent coolant change
- Decrease in work efficiency
- Damage to equipment
- Waste costs

Employee Health Threat

Bacterial origin; skin and respiratory diseases.

Harm of Wastes to Nature

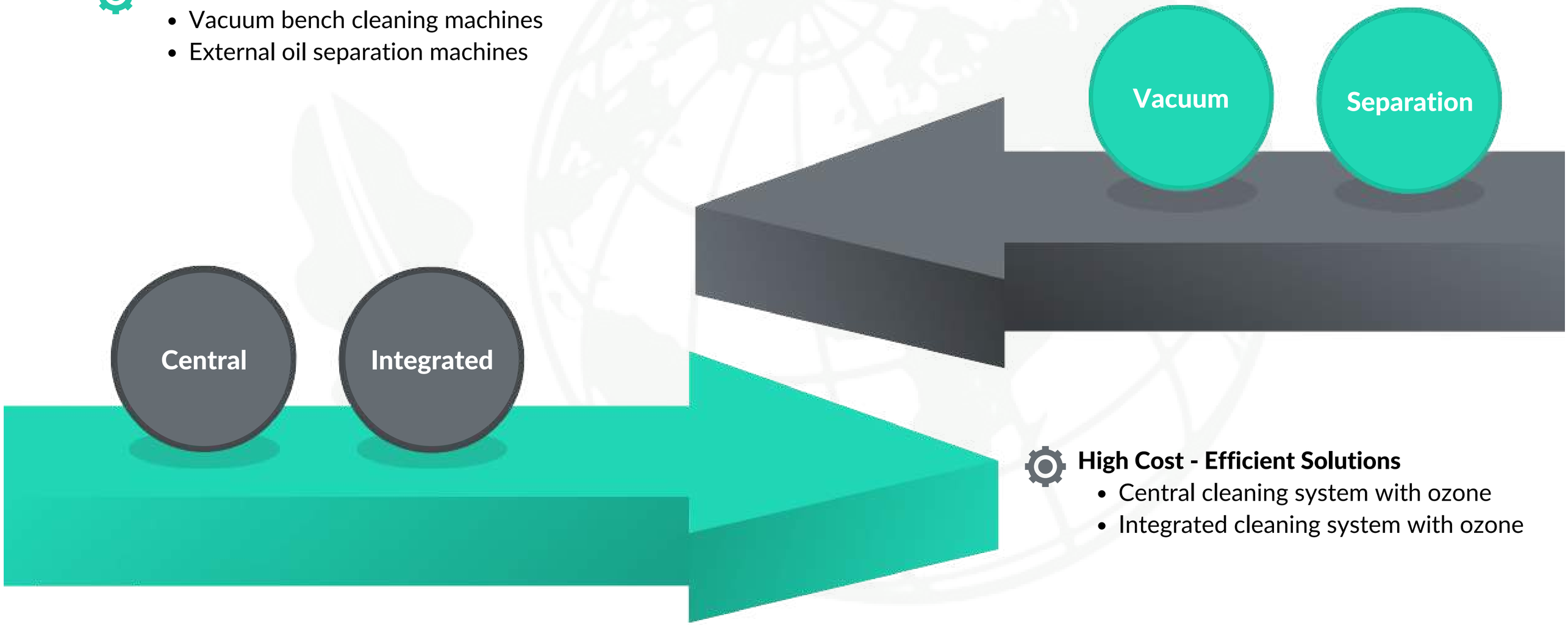
Chemicals in the coolant structures seriously harm the enviroment.

Rockefeller S.C.T.

AVAILABLE SOLUTIONS IN THE INDUSTRY

Low Cost - Inefficient Solutions

- Vacuum bench cleaning machines
- External oil separation machines



High Cost - Efficient Solutions

- Central cleaning system with ozone
- Integrated cleaning system with ozone

Extraction & manufacturing of components

The first step in creating a metalworking fluid involves producing ingredients such as fossil oils, alcohols, fatty acids, and amines. The choice and amount of material used affects the results and energy needed for production. The purchaser sets requirements for the chemicals used, and the metalworking fluid supplier determines the concentrate's formulation. Factors like the origin of chemicals (fossil or vegetable) and production effectiveness of synthetic substances should be considered.

Manufacturing of concentrate

The production of metalworking fluid concentrate has an environmental impact due to electricity consumption and the use of volatile solvents, classified substances, and large amounts of water. The production process should be reviewed to assess environmental impact, including heating/cooling needs and material utilization. Chemists formulating the concentrate have a responsibility in selecting raw materials to minimize losses. The geographic location of production plants and transportation also affects the life cycle analysis. Key considerations include electricity consumption and material efficiency in the factory.

Transportation

Transportation of metalworking fluid concentrate, finished formulations, and used fluids has a negative impact on the environment. The impact depends on the mode of transportation, distance, and efficiency. Air transport has a greater impact. Reducing concentrate use reduces the amount of fluid that needs to be transported, from the concentrate to oil fields, and thus helps to reduce the negative impact on the environment.

Use and Handling

When metalworking fluid concentrate reaches the end user, it still has an impact. Energy is consumed in pumping, heating/cooling, filtering, purifying, and maintaining the fluid. The electricity consumed per liter varies between fluids, and service life can be extended with different concentrates. The usage phase can have the largest environmental impact due to high energy consumption and fluid usage, including fluid changes, top-ups, and evaporation-related issues that lead to increased concentrate consumption.

Recycling and Reuse

Reusing metalworking fluid lowers the environmental impact due to reduced material consumption. However, the entire recycling process must be considered, including measures such as pumping, filtering, adding new concentrate, and washing old containers. Evaporation can also be used to recover water and reduce oil and concentrate transport for final treatment. While recycling can reduce material consumption and destruction costs, the overall environmental impact must be considered, and it may not be worth recycling fluids with low environmental impact in other areas.

Waste and Destruction

The final step in a linear life cycle is incineration of the concentrate that is no longer useful. Although some concentrates can biologically degrade without harming the environment, most contain harmful and toxic ingredients and must be incinerated as hazardous waste. It is important to ensure that the concentrate is not discharged into watercourses. The key considerations are the method of waste disposal and the location of the recycling plant.

Together we can make a difference

Rockefeller Standard Carbon Trust

Blockchain

Contribute to the drastic reduction of CO2 emissions
through exclusive new our patent technologies.

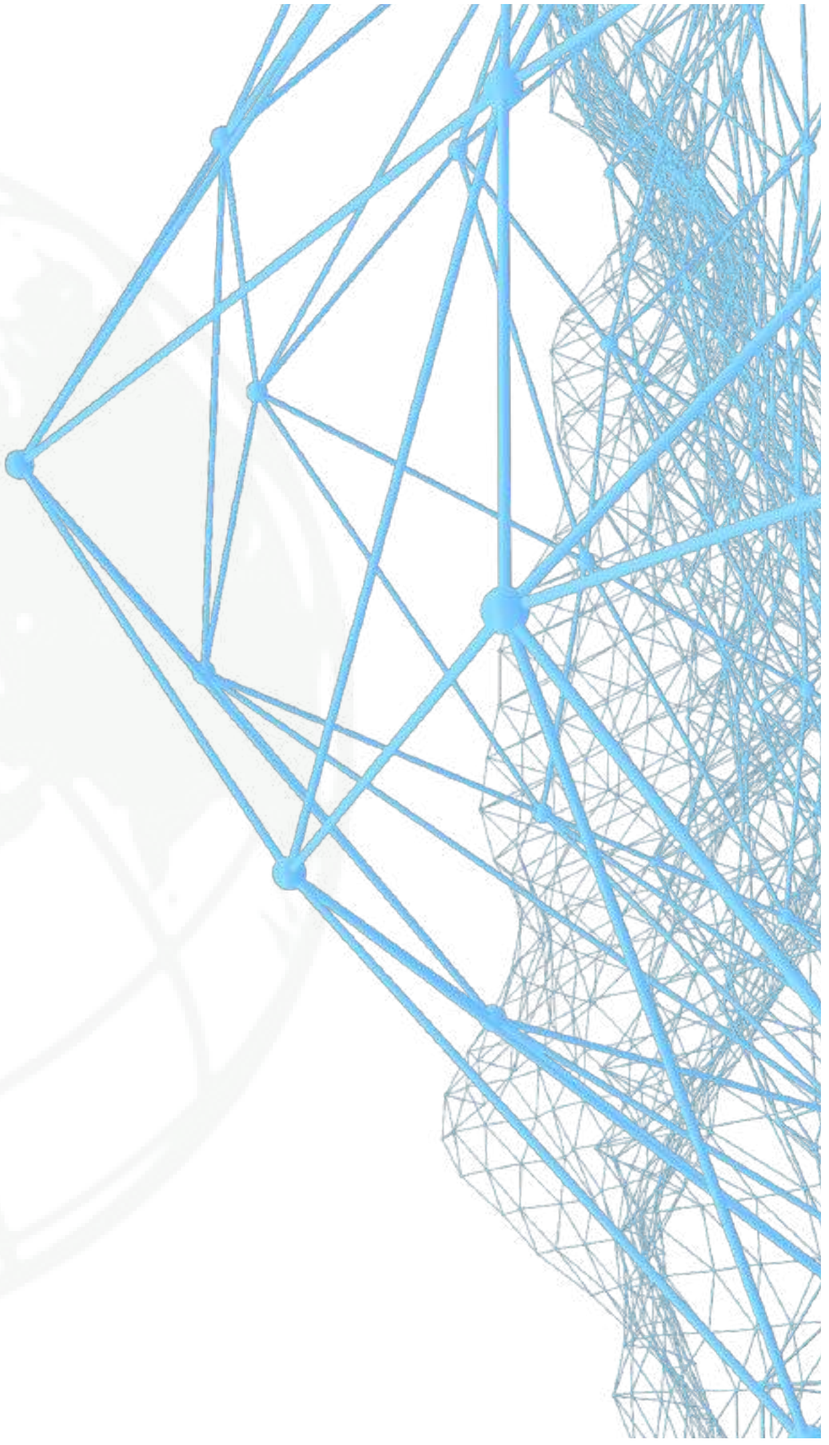
Blockchain

We are delighted to have the opportunity to present our innovative approach to carbon credit production through government partnerships and collaborations with international energy companies.

At Rockefeller Standard Carbon Trust, we are proud to offer our partners the opportunity to create a proprietary blockchain that has many advantages.

Before we delve into the benefits of our blockchain, let us briefly explain what a carbon credit is. A carbon credit is a tradable permit that allows companies to emit a certain amount of greenhouse gases. By reducing their emissions below this threshold, companies can generate carbon credits that can be sold to other companies that exceed their limit.

This creates a financial incentive for companies to reduce their carbon footprint and contribute to the fight against climate change.



Blockchain

Our proprietary blockchain technology allows our partners to create a secure and transparent ledger of carbon credits.This is done by recording every transaction of carbon credits on the blockchain, creating an immutable and auditable record of ownership.

Here are some of the key benefits of our proprietary blockchain:

1. **Improved transparency and trust**
2. **Increased efficiency**
3. **Enhanced traceability**
4. **Customization**
5. **Scalability**

In conclusion, our proprietary blockchain technology offers a secure, transparent, and efficient way for our partners to participate in the carbon credit market. By leveraging the benefits of blockchain, our partners can enhance their business operations and contribute to the fight against climate change. Thank you for your attention.

Improved Transparency and Trust

The blockchain creates a secure and transparent record of all carbon credit transactions.

This improves transparency and accountability and helps build trust between all parties involved in the carbon credit market.

Increased Efficiency

The blockchain automates many of the manual processes involved in the carbon credit market, such as verification and transfer of ownership.

This reduces the time and cost involved in these processes, making it easier for companies to participate in the carbon credit market.

Enhanced Traceability

The blockchain enables companies to track the entire lifecycle of carbon credits, from creation to retirement.

This enhances traceability and makes it easier for companies to verify the authenticity of carbon credits.

Customization

Our blockchain is customizable, allowing our partners to tailor the blockchain to their specific needs.

This ensures that the blockchain is fully integrated into their existing systems and processes.

Scalability

Our blockchain can scale to handle the growing demand for carbon credits.

This ensures that our partners can meet the needs of their customers and continue to grow their carbon credit business.

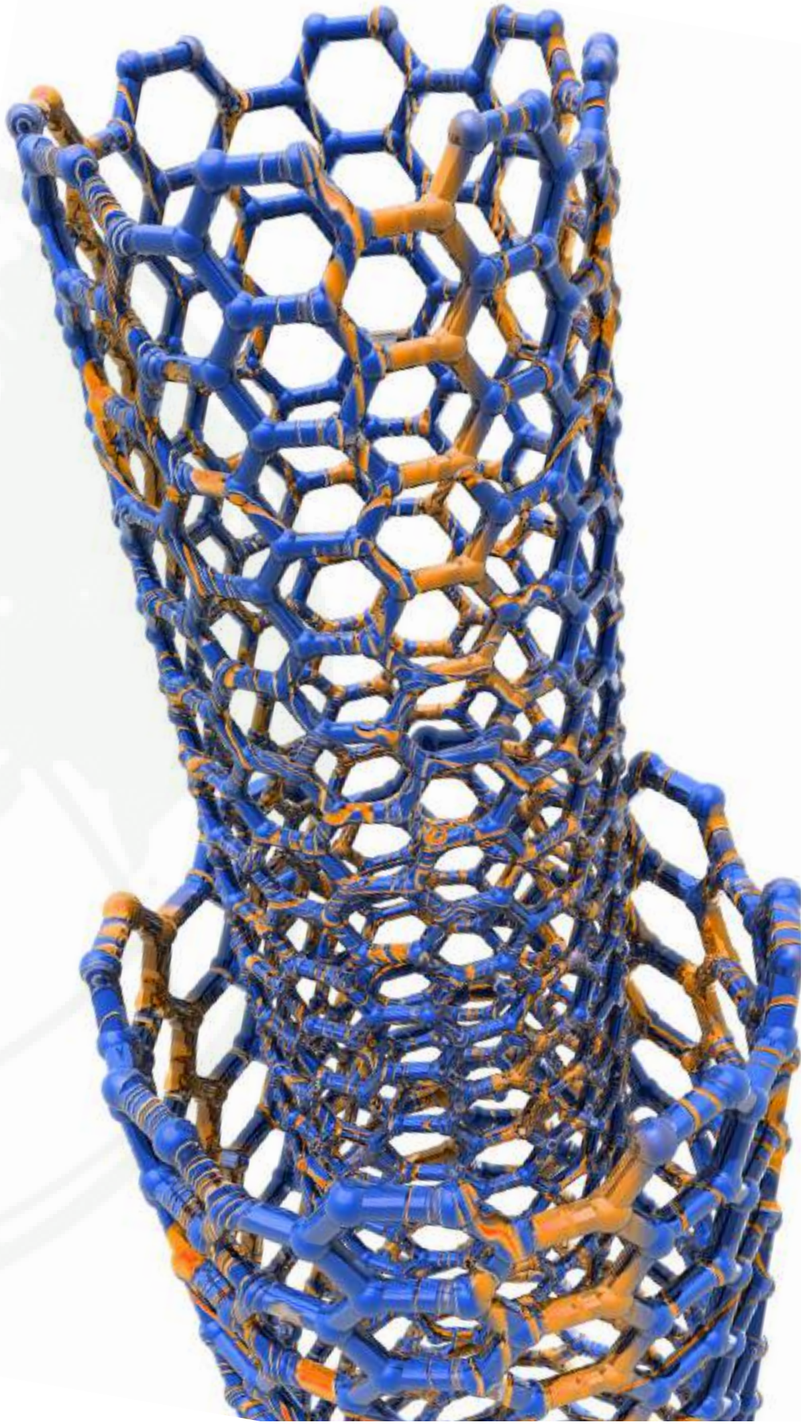
In addition to the five aspects previously discussed, our proprietary blockchain technology also offers several benefits related to carbon credit production and utilization.

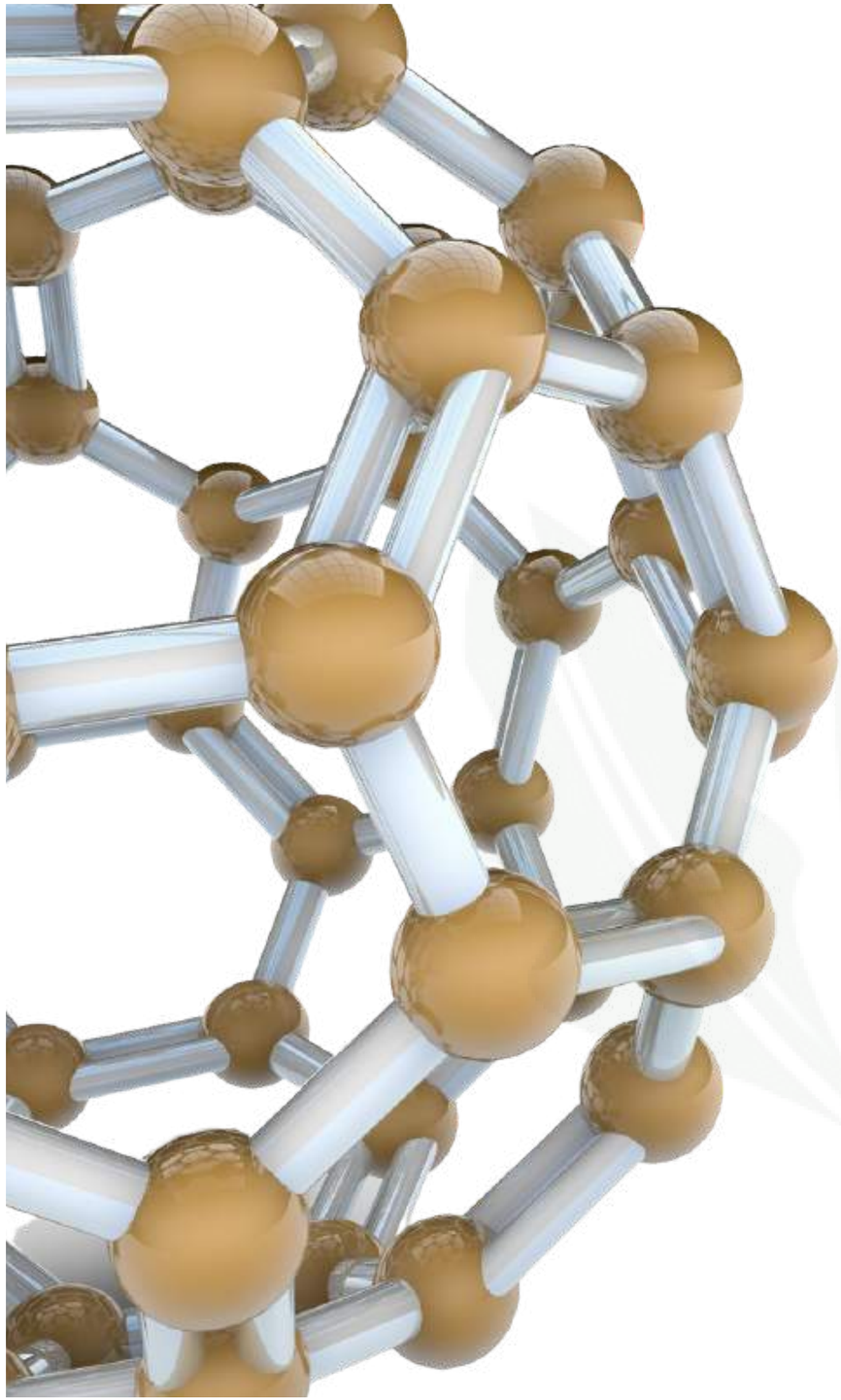
Blockchain

One of the most significant advantages of using blockchain technology for carbon credit production is the ability to monetize and give value to carbon credits. The blockchain creates a transparent and secure record of all carbon credit transactions, which increases the trust and accountability of the carbon market.

This transparency also makes it easier for companies to sell carbon credits on the market, creating a new revenue stream for sustainable business practices.

Furthermore, our blockchain technology enables our partners to customize their carbon credit transactions, tailoring them to their specific needs. This customization allows companies to integrate the blockchain into their existing systems and processes, ensuring that the technology is fully integrated and easy to use.





Blockchain

The scalability of our blockchain technology is also a crucial advantage. As the demand for carbon credits grows, our partners can rely on the scalability of the blockchain to handle this increased demand. This scalability ensures that our partners can meet the needs of their customers while continuing to grow their carbon credit business.

Finally, our blockchain technology enhances the traceability of carbon credits, making it easier for companies to verify the authenticity of their carbon credits. This enhanced traceability ensures that companies can demonstrate their environmental responsibility and commitment to sustainable business practices.

In summary, our proprietary blockchain technology offers a range of benefits related to carbon credit production and utilization, including improved transparency and trust, increased efficiency, enhanced traceability, customization, and scalability.

By leveraging the benefits of blockchain technology, our partners can enhance their business operations, contribute to the fight against climate change, and create a more sustainable future for all.

Rockefeller S.C.T.

OUR SERVICES &

TYPES OF PARTNERSHIP

Rockefeller Standard Carbon Trust

OUR SERVICES

OUR SERVICES

Rockefeller Standard Carbon Trust
CERTIFIED

Zero Emission Area Analysis and Technology Implementation for Carbon Credit Production

→

Exclusive Production of Patented Carbon Credits with Certified Processes

→

Certification and Tokenization of Carbon Credits and Products through Blockchain for Market Sales

Zero Emission Area Analysis and Technology Implementation for Carbon Credit Production

Comprehensive analysis for tailored solutions: Our team of engineers and specialists conduct a thorough study of the area to determine the most effective technologies to eliminate emissions and generate carbon credits. By analyzing the specific conditions and challenges faced in that location, we design tailored solutions that ensure maximum effectiveness in eliminating emissions.

Selection of optimal technologies: With the knowledge gained from the area study, we identify the most suitable technologies for the task. By comparing various options, such as renewable energy sources, energy-efficient systems, carbon capture, and storage technologies, we select the ones that will deliver the best results in terms of emissions reduction and cost-efficiency.

Carbon credit generation: Achieving zero emissions not only benefits the environment but also has financial advantages. By eliminating emissions, companies can generate carbon credits, which can be traded or sold in the carbon market. This provides an additional incentive for businesses to adopt sustainable practices and can be used to offset the costs associated with implementing emission reduction technologies.

Continuous improvement: Our team of engineers and specialists constantly monitor the performance of the implemented technologies, ensuring that they continue to deliver optimal results. This helps to maintain the zero-emission status of the area and maximize the carbon credit production.

Patented carbon credit production: Our exclusive and patented technologies enable us to produce carbon credits that meet the highest standards and certifications. This ensures the quality and reliability of the carbon credits produced, making them valuable and sought-after in the carbon market.

Certified processes: We follow certified processes and standards in our carbon credit production, ensuring transparency and traceability throughout the process. This guarantees that the carbon credits are authentic and meet the requirements of the market and regulatory bodies.

Financial benefits: The exclusive production of patented carbon credits with certified processes not only benefits the environment but also has financial advantages. By producing high-quality and certified carbon credits, businesses can sell them in the carbon market, generating additional revenue streams and offsetting their carbon footprint.

Reputation and recognition: Partnering with Rockefeller Standard Carbon Trust for the exclusive production of patented carbon credits with certified processes can enhance the reputation and recognition of businesses in the market. By being associated with our expertise and cutting-edge solutions, companies can establish themselves as leaders in sustainability and contribute to a more sustainable future.

Exclusive Production of Patented Carbon Credits with Certified Processes

Certification and Tokenization of Carbon Credits and Products through Blockchain for Market Sales

Certification and tokenization: Our certification and tokenization services enable businesses to certify their carbon credits and products and tokenize them for sale in the carbon market. This provides transparency and traceability throughout the process, ensuring the authenticity and reliability of the products sold.

Blockchain technology: We utilize blockchain technology in our certification and tokenization services, ensuring the security and immutability of the data. This provides additional confidence and trust in the products sold, making them more valuable and sought-after in the market.

Financial benefits: By certifying and tokenizing their carbon credits and products, businesses can generate additional revenue streams by selling them in the carbon market. This provides financial benefits and helps offset the costs associated with implementing sustainable practices and technologies.

Access to new markets: By certifying and tokenizing their carbon credits and products, businesses can access new markets and customers that are interested in sustainability and reducing their carbon footprint. This provides opportunities for growth and expansion in the market.

Laboratory

The first technological research laboratory of Rockefeller Standard Carbon Trust, located in the province of Brescia, Italy, is now fully operational and staffed by a team of five highly qualified researchers who are dedicated to developing innovative technologies for carbon credit production.

Our laboratory is focused on developing technologies that not only eliminate CO2 emissions, but also directly remove CO2 from the air. We are confident that our unique and patented technologies will deliver incredible results and help us make a positive impact on the environment, leading the charge towards a sustainable future.

In addition, our laboratory provides us with the opportunity to become certified hubs for new sustainable technologies for carbon credit production. We are constantly working towards developing cutting-edge solutions that will help our clients achieve their sustainability goals while maximizing their financial returns.

At Rockefeller Standard Carbon Trust, we are committed to being at the forefront of sustainable technology development, and we are excited about the potential impact our laboratory will have on the carbon credit market. Our focus on research and innovation ensures that we are well-equipped to tackle the challenges of climate change and create a better future for all.

Rockefeller Standard Carbon Trust

TYPES OF PARTNERSHIP

Rockefeller Standard Carbon Trust is committed to establishing strategic partnerships with local partners from various nations, with the aim of expanding our global reach and impact. We believe that forming partnerships with local organizations provides us with invaluable insights into the specific needs and challenges of the region and allows us to tailor our services to meet those needs.

To achieve this goal, we have structured our approach in two ways:

1

Direct partnership with the end customer

2

Indirect partnership with a strategic partner

Direct partnership with the end customer

Contribution

Rockefeller S.C.T.	Direct Partner/Client
Contribution from Rockefeller S.C.T. • **Technology:** Exclusive and patented technologies that are certified and proven to be effective in reducing emissions and producing high-quality carbon credits. • **Staff:** Highly qualified technicians and engineers with expertise in the latest technology solutions and approaches to achieve zero emissions. • **Engineering and production of carbon credits:** Consulting and support for the entire process of producing carbon credits, from design to certification and sales, utilizing patented processes. • **Background and know-how**: Extensive experience and expertise in the field of sustainable technology, allowing us to offer tailored and innovative solutions for each client's unique needs.	**Contribution from Direct Partner/Client** • **Technical staff:** A team of technical staff to work alongside our team in ensuring the smooth integration of our technologies into their operations. • **Logistic base:** A logistical base to provide the necessary support for the successful implementation of the project. • **Institutional connections in the local area:** Established connections and relationships with local institutions and stakeholders to ensure successful relations.

Direct partnership with the end customer

Investments & ROI

Investments for Direct Partner/Client

Our direct partner/end customer contributes the necessary budget for emissions reduction and carbon credit production, which is utilized by Rockefeller S.C.T. to successfully complete the project.

- **Enhanced image and prestige** through collaboration with Rockefeller S.C.T., allowing for the use of our name and reputation on an international level for marketing purposes.
- **Unlimited and ongoing access** to carbon credit production and sales, providing a long-term revenue stream for the client.
- **Continual carbon credit production** through the utilization of our exclusive and highly technological solutions, even after the client has achieved minimum emissions levels.

ROI for Direct Partner/Client

These carbon credits can be tokenized and sold on the market.

Profits 50% each

Client

Direct partnership with the end customer

Profit Distribution

If the carbon credits will be tokenized and sold on the market

→

Profit
50% each

Client

→

This allows the client to recover their initial investment and achieve emissions reduction goals, with ongoing benefits and profits.

If the direct client is also a partner

→

will receive 45% of the profits for any additional work done in the local branch of the partnership

→

45% ↓ Partner

Profit

55% ↓

Indirect partnership with a strategic partner

Contribution

Rockefeller S.C.T.	Indirect Partner
Contribution from Rockefeller S.C.T. • **Technology:** Exclusive and patented technologies that are certified and proven to be effective in reducing emissions and producing high-quality carbon credits. • **Staff:** Highly qualified technicians and engineers with expertise in the latest technology solutions and approaches to achieve zero emissions. • **Engineering and production of carbon credits:** Consulting and support for the entire process of producing carbon credits, from design to certification and sales, utilizing patented processes. • **Background and know-how**: Extensive experience and expertise in the field of sustainable technology, allowing us to offer tailored and innovative solutions for each client's unique needs.	**Contribution from Indirect Partner** • **Support team:** A non-technical team to work alongside our team to ensure the smooth integration of our technologies into their operations. • **Local logistics:** A logistical base to provide local support for the successful use of our technologies. • **Institutional connections in the local area:** Established connections and relationships with local institutions and stakeholders to ensure successful relations.

Indirect partnership with a strategic partner

Profit Distribution

PROFIT
for Partner

- **Enhanced image and prestige** through collaboration with Rockefeller S.C.T., allowing for the use of our name and reputation on an international level for marketing purposes.

- Will receive **45% of the profits** for any work done in the local branch of the partnership

Contacts

Address

45 Rockefeller Plaza,
New York, NY 101111
United States

Email

team@rockefeller-sct.com

Website

www.rockefeller-sct.com