

## Sustainability at Greencap solutions

### Sustainability is the core of our operations

GreenCap Solution's main contribution to sustainability is through our products and services. By enabling negative emissions, we help mitigate climate change. However, we also strive to be a well-governed, environmental and socially responsible company, setting ambitious targets for all aspects of our business to support the realization of the UN Sustainable Development Goals and the Paris Agreement's climate targets.

### GreenCap Solutions supports the UN Sustainable Development Goals

The UN Sustainable Development Goals (SDGs) are a universal call for action by all countries to tackle climate change, end poverty and build a more sustainable and resilient world by 2030. This will require action across countries and sectors on a global scale. GreenCap Solutions has identified four SDGs where we can make the biggest impact, and which resonates with our purpose and strategy. These goals are:

#### Goal nr. 2: Zero Hunger

- *Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality*
- *Target 2.a: Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries*

#### Goal nr. 9: Industry, innovation and infrastructure

- *Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities*

#### Goal nr. 12: Responsible Consumption and production

- *Target 12.2: By 2030, achieve the sustainable management and efficient use of natural resources*
- *Target 12.3: By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses*

Goal nr. 13: Climate action

- *Target 13.2: Integrate climate change measures into national policies, strategies and planning*
- *Target 13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning*

Meeting the rising food demand of a growing global population requires new and sustainable production methods.

Hydroponic greenhouse production systems provide the best conditions for maximizing photosynthetic performance, resulting in high yields and product qualities for fruits and vegetables all year round, anywhere in the world. However, greenhouse production is very resource demanding, and emits relatively high levels of CO<sub>2</sub>. GreenCap's patented Environmental Control System has come up with a solution that solves this problem. Our ECS technology boosts yields, whilst significantly cutting the CO<sub>2</sub> footprint from greenhouse production. The system replaces heating from natural gas with captured solar energy from the greenhouse air. It also captures CO<sub>2</sub> from the air outside the greenhouse. Research shows that tomatoes grown in greenhouses using our ECS benefit from a three-fold increase in yields and better quality, while eliminating the use of fossil fuel for heating and CO<sub>2</sub> for growing the crops.

Our technology can be also used to capture emissions from stationary point sources of CO<sub>2</sub>, such as fossil fuel power plants and cement factories with up to 4% CO<sub>2</sub> emissions. Our ambition is to build a direct air capture farm in Norway that can filter and capture 2 million tons of CO<sub>2</sub> yearly by 2030. This would represent 10% of the amount of greenhouse gas emissions Norway has committed to cut by 2030.

**Climate action through enabling negative emissions**

The world can collectively meet the Paris Agreement's climate goals and slow down global warming if countries achieve their net zero emission targets by 2050. To do so requires dramatic reductions in CO<sub>2</sub> emissions and substituting fossil fuels with renewable energy sources. But these measures alone won't get us there in time. Scenarios indicate that Carbon Capture and Storage – CCS – which captures CO<sub>2</sub> and stores it away permanently, will be critical to meeting the world's climate objectives.

According to the Intergovernmental Panel on Climate Change's (IPCC) latest report, global emissions must peak by 2025 to keep warming at 1.5°C. This means that the world must remove 1 billion tons of CO<sub>2</sub> by 2025 to meet the Paris Agreement's climate goals.

Direct air capture is one of few technology options available to remove CO<sub>2</sub> from the atmosphere. The CO<sub>2</sub> captured can be permanently stored, or used in food processing, the production of fuels, building materials, and other products containing CO<sub>2</sub>. That is why we established GreenCap Solutions: to enable a clean, sustainable, net zero emission world through the use of direct air capture of CO<sub>2</sub>.

### **Our long-term ambitions**

At Greencap we are aware of our responsibility beyond the effect of our products and solutions. To be a more sustainable company, we also must make sure our products and solutions are resource and energy efficient, with a minimal environmental footprint. We must conduct business while respecting human rights and labor rights, be mindful of business ethics and oppose corruption in all its forms, and we must comply with applicable laws and regulations. This is governed by GreenCap Solutions' Code of Conduct.

#### **By 2030 we aim to:**

- Openly report on company-wide climate emissions (scope 1,2, and 3) and progress against targets annually. We aim to reach climate neutrality in our own value chain by 2025
- Capture 5-15 million tons CO<sub>2</sub> with Greencap technology
- Contribute to climate change mitigation through 10 major industry CO<sub>2</sub> capture projects
- Have built 5 DAC farms across Europe

#### **We will:**

- Build a diverse and engaged workforce, in an inclusive workplace
- Be a safe workplace with a zero vision for accidents
- Uphold the highest standards for business ethics
- Work to become ISO 14001 certified for Environmental Management
- Work to become ISO 9001 certified for Quality Management
- Report according to recognized sustainability reporting standards

GreenCap Solutions will report annually on our progress towards these goals and targets, using recognized sustainability reporting standards, and is currently reporting according to the Euronext ESG Guidelines.

### **Environmental responsibility**

GreenCaps business model is based on enabling negative emissions and increase efficiency of food production. While most of today's carbon capture technologies involve chemicals that produce toxic waste, GreenCap Solutions' patented technology uses a non-

chemical approach to capturing CO<sub>2</sub>. Our technology is based on zeolite, which has tiny pores to lock in the CO<sub>2</sub> molecules. Zeolites occur naturally, typically near volcanic activity such as hot springs, but are also produced industrially. For decades they have been synthesized and tailored for the use in laundry detergents, oil refineries and sewage plants.

We further strive to conduct our business with a minimal environmental footprint and provide our employees with the resources needed to work in a sustainable matter. GreenCap aims to become ISO 14001 certified for Environmental Management.

### **Social responsibility**

GreenCap Solutions is committed to creating a diversified workplace where everyone feels safe to speak their mind and are provided the opportunity to use their full skills and capabilities. Our people are the most valuable resource of our company, where we are gathered on our mission of creating a more sustainable world.

We further expect our vendors and partners to maintain the highest standard of business ethics and to conduct their operations in accordance with GreenCap Solutions' Code of Conduct.

### **Governance responsibility**

It is not only what we do that matters, but also how we do it. We believe a clear and strong corporate governance will help us act with integrity and the highest possible ethical standards in everything we do.

Our governance regime is approved by the Company's board of directors, and our Code of Conduct sets out the principles for how business should be conducted. GreenCap is working to become ISO 9001 certified for Quality Management.

## Appendix: Stakeholders and arena for dialogue

| Stakeholder Group                     | Expected by the company  | Arena for dialogue   | Actions by the company  |
|---------------------------------------|--|--|---|
| <b>Owners &amp; Investors</b>         | Growth<br>Green technology development<br>Good governance<br>Ethical business conduct in line with GCS Code of Conduct and applicable laws & regulations | Annual General Meeting<br>Website<br>Reports & presentations<br>Newsletter<br>Investor meetings  | Code of conduct implemented<br>Management system<br>Annual financial and sustainability reporting initiated   |
| <b>Employees</b>                      | Worker's rights<br>Fair employment terms<br>Equal pay<br>A good working environment<br>Development opportunities   | Direct dialogue<br>Annual employee appraisals<br>Weekly townhalls  | Training records<br>Weekly townhalls  |
| <b>Customers &amp; partners</b>       | Saving emissions<br>Increased resource efficiency<br>Accounting for negative emissions<br>Exploring new, green technology                                | Meetings with the company<br>Seminars and conferences<br>LOI agreements<br>Research collaborations<br>Newsletter<br>Website<br>Reports & presentations | Published NIBIO report on ECS technology<br>Technology development  |
| <b>Government &amp; civil society</b> | Saving emissions<br>Accounting for negative emissions<br>Developing new, green technology  | Collaborations with NGOs (Bellona, ZERO)<br>Government grants (ENOVA, Forskningsrådet)   | Attended seminars & conferences<br>Published NIBIO report on ECS technology<br>Applications to ENOVA and Forskningsrådet<br>Signed Bellona letter on incentives scheme for negative emissions |

## **Appendix: GreenCap Solutions Environmental, Social and Governance Policy**

Sustainability is at the heart of our company. GreenCap Solutions was established based on the fact that the world needs to change its path, and all production must be undertaken in a sustainable manner if we are going to be able to preserve our planet as we know it.

GreenCap Solutions has put in place a policy describing its responsibilities for human rights, worker's rights, environmental and climate responsibility and business ethics, which is anchored in our Code of Conduct and applies to all our business activities and for all who work for GreenCap Solutions, including direct suppliers.

1. GreenCap Solutions supports and respects the protection of internationally proclaimed human rights and the UN Declaration of Human Rights and we acknowledge our responsibility to comply with the requirements thereby imposed on our operations. The company shall take the necessary steps to ensure that we are not complicit in human rights abuses in our business activities nor as part of our supply chain.
2. Workers' rights and providing a good working environment for all is of importance to GreenCap Solutions. We will uphold the freedom of association and the effective recognition of collective bargaining rights for all who work for GreenCap Solutions.
3. GreenCap Solutions opposes all forms of forced and compulsory labour and shall take the necessary steps to prevent the use of forced labour or slave labour in our supply chain.
4. GreenCap Solutions takes a precautionary approach to our impact on the natural environment and shall seek to minimize negative impact on our surroundings. We shall undertake the necessary measures to promote environmental responsibility as well as apply and contribute to developing environmentally-friendly technologies.
5. We use low impact transport for travel to and from work and travel for business when possible.
6. We avoid unnecessary travel by making use of instant messaging, video and audio conferencing, telephone, and email.

7. We seek to apply sustainability criteria when purchasing goods and services, and GreenCap shall give preference to suppliers who can document sustainability performance.
8. GreenCap Solutions opposes all forms of discrimination and shall provide a working environment free of discrimination, harassment and bullying. All GreenCap employees and all shall act with integrity and contribute to creating a working environment free of discrimination based on religion, skin color, gender, sexual orientation, age, nationality, ethnicity or disability.