



Brightskies Geoscience
Sustainability Program

Contents

About this Program.....	3
BSG Background & History	4
BSG Values.....	5
UN Sustainable Development Goals	6
No Poverty	7
Zero Hunger	8
Good Health & Well-being.....	9
Quality Education	10
Gender Equality	11
Clean Water and Sanitation	12
Affordable and Clean Energy	13
Decent work and Economic Growth	14
Industry, Innovation and Infrastructure	15
Responsible Consumption and Production	16
Climate Action	17

About this Program

In our modernized and developmental world, global issues have drastically emerged leading to an importance in the field of sustainability taking into consideration future generations by also serving and fulfilling the needs of the current one. It is in our duty to emphasize on the importance of the SDGs as we value our excellence at work and the well-being of our clients and human as a whole.

Brightskies believes in its importance to implement SDGs into our programs and have an impact on a sustainable development. As Oil and Gas are main sources of energy around the world, the excess of usage lead to negative impacts on the ecosystem that can be decreased by spreading awareness through the field and outside.

This program is composed of the efforts Brightskies has dedicated to follow the guidelines of the sustainability goals that the United Nations have created and urged companies to follow in an effort to reduce the damages caused to the earth and to ensure a future for humanity. It includes all the policy changes and initiatives Brightskies has done in an effort to follow these goals and to incorporate them into practice, as have other oil and gas companies have done. It will also include a step-by-step explanation of our initiatives and what Brightskies aims to achieve with them.

This program will be divided into multiple sections based on the nature of the SDGs, starting with the first one; Clean and affordable resources. It will also show how our business plan will collaborate with the SDGs.

BSG Background & History

Brightskies was founded in 2010 in Alexandria, Egypt. It has expanded with offices, projects and services to Dubai, Cairo and Nuremberg in Germany. A team of +350 hardware, Software developers and Geoscientists.

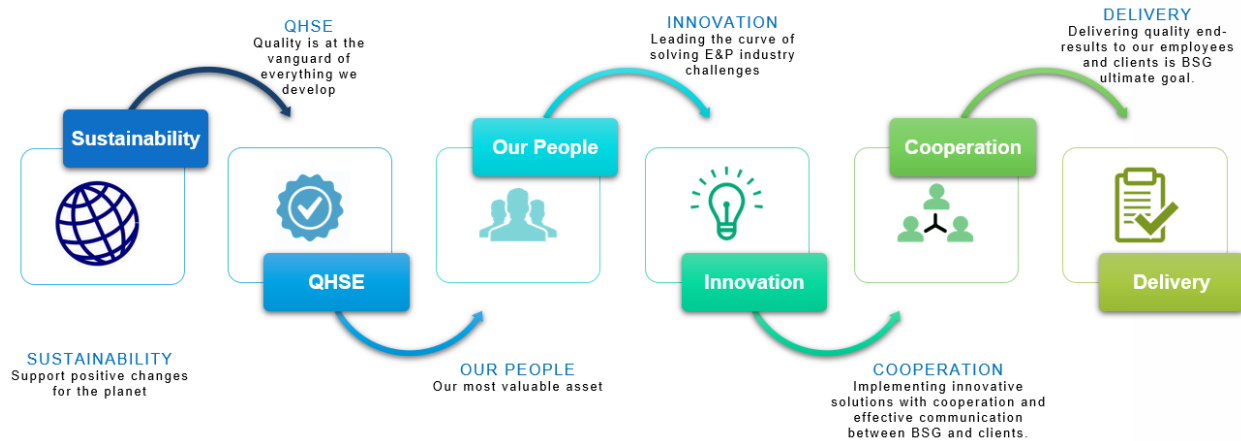
After a success, Brightskies expands with a new sector opening Brightskies geoscience in 2020 in Cairo. BSG is a company that helps with pioneer technologies and provides services for the oil and gas industry.

Brightskies provides services that helps with the process of the upstream, exploration and production. It provides Seismic Data Processing & Reservoir Characterization services.

Brightskies focuses on the productivity, efficiency and well-being of all the employees, which is our biggest asset and provides a good working environment to maintain our high level of expertise in our services.

BSG partnerships and has joint venture with different industry leaders and academic institutions.

BSG Values



- Sustainability: Brightskies supports sustainability to maintain development for current and future generations. BSG supports sustainable development goals to obtain the achievements set by the UN by 2030. We contribute to the goals by raising awareness and taking actions.
- People: Our people are our biggest asset.
- Quality: We value our client's satisfaction; we work on delivering the best quality in all services we provide.
- Innovation: Brightskies team work on solving E&P industry challenges.
- Cooperation: Brightskies focuses on cooperation and effective communication with clients to implement the best innovative solutions.
- Delivery: Brightskies goal is to deliver a high-quality end result to our clients.

UN Sustainable Development Goals

SUSTAINABLE DEVELOPMENT GOALS



Brightskies want to make an impact. We have as a priority value respecting human rights and respecting their well-being. We have as a priority to minimize impacts and to deliver the best outcome.

Some SDGs are interlinked, Brightskies is aiming to actively participate and take action to a sustainable future. It is a collective and individual responsibility to work on achieving the SDGs.

Brightskies will implement in the core of the company's programs the importance of sustainability.

No Poverty

Global poverty is one of the most important issues when it comes to sustainable development. This issue is interlinked with other SDGs that cause an increase in global poverty.

Different combinations are important to be taken into account to enhance the global poverty situation including inequality, access to clean water, climate change, lack of education and other factors. Some people are affected by social, economic, and climate related issues that marginalize them and worsen their poverty situation.



To provide solutions for global poverty, it is also important to underline the importance of developing food production methods that supports sustainability to ensure sustainable solutions for future generations and for long term efficiency. Poverty causes degradation to natural human resources as people whom considered poor have no access to efficient and sustainable resources for living and therefore degrades natural resources (recourses for cooking, needs of basic living).

Brightskies values human rights, poverty is a constraint in a way where the person is deprived from every day's human rights. No Poverty is also a very important goal to reach and work for as it is the essence of many other SDGs. Decreasing the high rates of poverty around the world and in Egypt will help with SDG, Quality of Education as more people will be able to go through an education system, and others. The No poverty goal will help in achieving others easily.

Corona (COVID-19) increased drastically the percentage of poverty in Egypt as it led to an increase in prices, increased the number of unemployment, ...etc.

Brightskies will help with this goal by donating to NGOs that help fight hunger in Egypt. Egyptian Food Bank is one of the largest NGOs in this sector reaching out thousands of families every month, a reliable and trustworthy source.

Brightskies will also follow up with any community development agreements and will contribute by helping in local projects.

Zero Hunger

To a successful economic growth, it is important to help achieve the zero-hunger goal. This goal is interlinked with achieving SDG of no poverty, good health, social insurance and other goals that Brightskies is taking action to help achieve the UN SDG by 2030.

Ending world hunger does not only mean granting access to food for the whole population, it also means granting decent quality food for everyone. Food poor in essential nutrition (Vitamins, minerals,) leads to malnutrition of millions of people causing deaths for some and multiple diseases for others. On the long term, this malnutrition could lead to the disappearance of whole communities or groups of people. Working on ending world hunger comes hand in hand with also working on significant action on climate change.



The world has seen an increase in populations facing hunger during the COVID-19 pandemic; hence, it is important to take into consideration the consequences of the pandemic and the world has to be ready for any future pandemics. The pandemic pushed millions to unemployment and millions facing sever hunger.

Brightskies helps with donating to foodbank in Egypt where they help the malnutrition people and the poor. We will raise awareness and support with a sustainable agriculture production. Promoting sustainable agriculture will help in the help of malnutrition and supports future generations.

To achieve zero world hunger, each person, company and government should work on the main factors causing this continuous cycle. Start now, improve the quality of education and work on achieving zero inequalities.

Good Health & Well-being

Sustainable development requires actions individually and collectively. Sustainable development has as one of the first goals to achieve is the well-being of people. Good health is one of the most important factors of sustainable development. Brightskies finds it important to follow up with the mental and physical health of the company's employees. As physical health is important, mental health is crucial for any sort of development.



Brightskies cares for the safety and health of the employees and assist any employee in medical needs. Brightskies helps throughout the pandemic COVID-19 with ventilators and medicines necessary for any Brightskies employee. A vaccination proof is required to be physically in the office for the safety of others.

Brightskies will focus on management systems assessing the risks of operations and activities.

All Brightskies employees are covered with medical and health insurance which allows employees to feel more secured. To reach good health and well-being it is important to provide our employees with any needs that could prevent diseases or deaths.

Brightskies supports at the heart of the company, mental health as one of the most important factors of well-being. To maintain a healthy work environment and for the well-being of our employees, to make healthy and right choices in life and work, all employees offer each other full cooperation on any mental health issue.

We raise continuous awareness on the importance of mental health. Peace and prosperity around the world have been always been a slogan for everyone, but peace and prosperity within each and every person is important as well. Finding peace with oneself is the successful key to a full healthy life.

Quality Education

Brightskies believe in the importance of the quality of education to form good calibers for the development of the company or on a larger scale for the development of countries. Brightskies is willing to facilitate the learning of the oil & gas fundamentals in a free of charge way under an e-learning method. This method will be an easy access to learning for any person nationally or internationally and we will ensure a high quality of content.



Brightskies also contributes to the quality of education by supporting new people with intensified paid trainings or internships. In these trainings or internship, the company will adjust programs in a way where the person learns through all branches and aspects in the field not only a specific area.

Courses in different sectors will be presented to all employees throughout the year to help strengthen their skills.

Quality of education is important to obtain and maintain a sustainable life, it is the base of development. The quality of education is interlinked with other SDGs and leads to the success of many. Brightskies help empower the employees with a strong based quality in all aspects of education.

Brightskies will emphasize on teaching the emerging of new technologies in the field and the importance of energy usage with regard to the sustainability development goals.

Brightskies collaborates with AI-Amal program, it is a training program for all the top graduates of geoscience all over Egypt. This program is mainly for the public university graduates and it helps motivate graduates to have a successful career path. By giving them the essential knowledge and skills for a geophysicist, it facilitates their success in a challenging work atmosphere.

To also support and ensure equality, we hire AI-Amal graduates and help them through their career within the company and for future career path by building a solid geophysicist profile.

Gender Equality

Brightskies is adapting a gender equality inside the company, it will focus on hiring more women employees as to ensure an equality and balance work atmosphere.

Brightskies value each and every employee, man or woman, both have an equal outcome of work and represent equally the company. By giving the same promotions and interests to both genders, opening recruitments and vacancies, raising awareness of the importance of gender equality and motivating a fair and equal atmosphere within the company, we are planning on achieving this goal in the upcoming recruitment process.



Brightskies integrates the gender equality goal in the company's core values and system. To ensure an equal participation and fairness to both gender, women working in the company will be asked regularly to be involved in decision makings and in all dialogues. To motivate women to work in the oil and gas industry, Brightskies assist all women interested in the field and women employees to attend The Egypt Petroleum Show; EGYPS. EGYPS is a dedicated conference to motivate women to work more in the field, the conferences will demonstrate the different opportunities a woman could have in this industry that have been mostly masculinized.

Brightskies helps women with courses based on leadership and project management skills.

Clean Water and Sanitation

Clean water and sanitation are the key for a healthy life and well-being of human. With the highly growing population it is important to focus on this SDG, millions of people die from malnutrition, uncleaned water and lack of sanitation.

Clean water and sanitation do not only mean how clean the water is; but also, the use of sanitation with soap and water. A basic handwash and clean water. Having access to clean water without any sanitation added to this water is not enough to keep people from having illnesses or dying. The world has seen various illnesses transmitted by poor sanitation (dysentery, cholera,). In 2022, some areas inhabited by refugees, have seen a come back of cholera. This is our time to raise serious awareness of the importance of sanitation services and clean water. Putting human health as a first priority for proper sustainable development.



Brightskies spreads continuous awareness in the company for the importance of sanitation and clean water. Brightskies can contribute in helping with new sanitation and distribution systems by raising awareness for the importance of including the urban poor. Urban areas are short on water supplies and cleaned water.

Egypt has been facing deficiency in the water supply. Most of the lack of sanitation in the water is caused by industrial wastes. It is important to raise awareness on distribution of water and how to efficiently use water to maintain the situation.

Employees in the company saves water as much as possible. Check up for any water leaks is mandatory in the company regularly.

Affordable and Clean Energy

Energy is the essence of life and all other SDGs. The goal is to achieve affordable energy to all populations around the world.

Brightskies is motivating the usage of renewable energy and modern technology that is friendly with climate change. Action in different SDGs is necessary to help achieve the goals by 2035.



Brightskies supports the usage of affordable and renewable energies to lessen the emissions of carbon dioxide.

The green energy is on top of the solutions for climate change and for sustainable development as it is carbon emissions free.

It is important to use renewable energies to mitigate the climate change effects on our planet and to reduce the risk of any disasters that could occur because of the extreme usage of non-renewable energies.

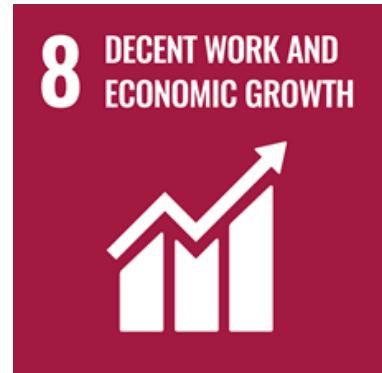
The world has reached 8 billion of world population; which means that more people will need to use energy in their everyday life. Therefore, it is important to make the world aware of the importance of using renewable energies to maintain and insure sustainability for future generations. Climate change is not promising sustainability for future generations as it aggravating more and more each year. Awareness should be raised to younger generations in their educational programs and school, universities and companies should implement the usage of renewable energies.

The usage of non-renewable energies is one of the most danger factors causing climate change. Living standards in some areas have become drastically hard to be inhabited because of the impacts caused by the climate change, caused by usage of fossil fuels.

Decent work and Economic Growth

Decent work is interlinked with economic growth, to achieve economic growth it is important to have a decent work and a good working environment for a better outcome.

Brightskies focuses on the importance of the company's work atmosphere to ensure the effectiveness of each employee. A decent work and experience are also related to a good health situation and mental health.



Motivating employees by offering a decent work atmosphere and experience leads to a significant economic growth. Brightskies ensures for all its employees and new commers opportunities for decent employment with a training or internship program.

To maintain a health atmosphere and to maintain economic growth, Brightskies has developed a catalogue containing different courses to any employee in need to strengthen their knowledge in any field. Business and skills development courses are the center of the courses to assist the employees with new skills for a better work experience, knowledge and effectiveness.

Industry, Innovation and Infrastructure

Brightskies helps with the developing of affordable energy by developing electrical cars. Brightskies develops batteries for electrical buses with a lifetime of 7 years and recyclable. Could be recycled and used in solar related projects.

The buses have 28 places for people, it is for everyday usage, for transportation of people and Brightskies will use them in the future for the company's employees.



Brightskies is taking part in COP27 with the very first Egyptian battery pack after two years of working on it. Brightskies is aiming to develop and work on Egyptian Automotive products that are environment friendly to support sustainability. Brightskies is aware of the negative impact caused by gasoline and diesel based vehicles that worsens the climate change situation all over the world. Therefore, Brightskies supports the development of any automotive product that would help reach the UN sustainable development goals.

Responsible Consumption and Production

Responsible consumption, also known as sustainable consumption, has been defined under three dimensions by the ministry of sustainable development. Social, economic and environmental are the three dimensions of sustainable consumption.

Social, in a way where a society or a group of people are able to meet their needs while preserving the same quality for future generations.

Economic, in a way where people consumption is positive for the economy but still does not exceed the limit of natural resources.

Environmental, respecting human resources, using recycling friendly products and methods of production and consumption.

Brightskies supports sustainability and implements it in the company's activities and work habits.

Digital communication: we are digitalizing our communications system; we exchange documents through the internet. This way of exchanging documents is environmentally friendly, we are lessening our carbon footprint.

Brightskies turns off all electricity after working hours.

Recyclable papers: In case of necessity of usage of paper, we use recyclable papers to support the environment. Usage of normal paper is a big obstacle for sustainability, it leads to enormous amount of deforestation making a negative impact on the environment and on sustainability.

Brightskies is keen to reduce the usage of plastic for all the employees, cooperates with plastic recycling companies to recycle plastic bottles monthly.



UNSUSTAINABLE PATTERNS

OF CONSUMPTION AND PRODUCTION ARE ROOT CAUSE OF

TRIPLE PLANETARY CRISES



CLIMATE CHANGE



BIODIVERSITY LOSS



POLLUTION

Climate Action

Climate change has become a national issue late since the 1800s where it first discovered significant changes in the ecosystem. Climate change affect population and the Earth ,causing numerous natural disturbances affecting the current and is a threat to future generations.

Brightskies is keen to ensure benefits for today and future generations, to maintain an excellency in services and operations, Brightskies will include in all the company's trainings, programs and courses awareness and strategic ways to tackle climate change issues. Brightskies programs and strategies are adapted to climate change solutions, reducing carbon footprint will be a priority to ensure less emission of Carbon Dioxide CO₂. All Brightskies employees are aware of the impact of the different activities vis-à-vis carbon footprint.



The UN Climate Change conference (COP 27) will take place in Egypt, Sharm-El-Sheikh from November 6th to November 18th. A Brightskies employee team will attend the conference, Brightskies will be actively present in Climate Change actions.

Climate change is a very wide issue, it is important to take individual action as it affects the ecosystem. Climate change causes a chain reaction where it affects population ending with population displacement. Brightskies will contact NGOs to financially help with population displacement caused by climate change. Climate change will also cause a degradation of the environment.

Climate change is interlinked with other SDGs, it can threaten food quantity and quality in certain areas, BSG will help reduce the climate change for any human right obstacle.

It is important to be aware of the seriousness of greenhouse gases and their impact on our environment to stimulate the development of environment friendly solutions. The world has seen multiple wildfires in the summer of 2022 resulting in the death of people and the firing of vast areas around the world. It has been reported of the worsening of the wildfires causing faster burning and the aftermath of them on the populations, countries and the world as a whole.



Leveraging HPC into E&P World