

Health and sustainable development (BMHP6021 Module)

Jessica Brito

Submission date : May 2023

Table of contents

Introduction	3
Initiatives adopted by UK government in meeting these goals.	8
Cambridge	9
Benefits of SDG in Cambridge	10
Conclusion	11
References	12

INTRODUCTION

In 2015 Sustainable development 17 goals came to life, from United Nations is which the principal focus is to form partnerships goals. Their planned completion date for those goals is until 2030.

The purpose of these partnerships goals is to promote the development

There are 17 global goals, in which they exist in order to overcome challenges imposed. The plan within these goals is to be completed by 2030 in which all countries and citizens have role to play in order for a completed outcome. There a brief explanation will be proffered in order to have a better understanding of the following They include:

1. No poverty-
2. Zero hunger
3. Good health and wellbeing
4. Quality in education
5. Gender equality
6. Clean water and sanitation
7. Affordable and clean energy
8. Decent work and economic growth
9. Industry innovation and infrastructure
10. Reduced inequalities
11. Sustainable cities and communities
12. Responsible consumption and production
13. Climate action
14. Life below water
15. Life on land
16. Peace justice and strong institutions
17. Partnership for the goals

The first goal is “No Poverty” – with the intention of ending poverty around the globe. It is believed that if society gets together to help prosper, feed the hungry population, and live a productive life it can end poverty. It is known that poverty still persist in every country around the globe and that there is over than 8% of world population that still battles against extreme poverty One of the plans in practice are the implementation of social protection systems. Under the poverty goal there are targets that are planned to follow, according to Global Goals 20223, which are:

- By 2030 to erase extreme poverty, around the globe
- By 2030 have a reduction of poverty by at least 50%
- Certify that people vulnerable spaces have equal rights when it comes to economic resources, basic services and financial services and other necessary services

Things that are believed that can help to improve and to reach the first stated goals stated goal are:

Donations- regardless of the amount, little by little a level of change will be achieved and can make a big difference.

Campaigns- in some matters when there is no room for participations or further actions, there is always room for support.

Charities- find a local charity that might need the items that the populations might have, that they no longer necessarily need.

The second goal is called “Zero hunger”, which has the intuit of ending hunger as well as improve nutrition and promote agriculture in a sustainable way.

Hunger is one of the causes of death around the globe due to unequal access, which ends leaving millions of populations malnourished. The main focus of this goal is to promote sustainability within the agriculture to make sure hunger is ending.

Under the zero-hunger goal, there are goals that are expected to achieve such as:

- By 2030 it is believed to end hunger by making sure that people have equal access, especially on what touches to poor and vulnerable people that live in vulnerable situations. These targets are planned to be achieved universally.
- Another intent by 2030 to be reached is to double the agricultural productivity and incomes.
- Ensure that there is stable food commodity markets and timed access to information, by adopting measure for adequate function of food commodity markets. Within the access to appropriate market information it will help the limitation of extreme price within the market, this including food tax that rises.

The third goal is called good health and well-being, which has been intuited to promote well-being for all ages and ensure that healthy lifestyles are being achieved. This is a goal does be implemented worldwide in order to promote healthy lifestyles preventative measures and modern efficiency within the healthcare for everyone.

Under the how and well-being goal, there are goals and targets that are expected to achieve such as:

- By 2030 and deaths of newborns and children under the age of 5 within all countries in order to prevent neonatal mortality to list 12 per thousand live births.

- Another target has been implemented is to reduce by 2030 global maternal mortality ratio.
- Under this same goal it is believed that by 2030 there will be an end of epidemics of AIDS, tuberculosis, malaria and other neglected diseases and communicable diseases.
- also is expected to achieve the prevention and treatment of substance abuse.
- A goal that was supposed to be achieved by 2020 was to reduce the road injuries and deaths from the road traffic accidents, which is unknown if it's been achievable or not.
- Another target that has been input is the reduction of illness and death from chemicals and pollution, which is believed to be achieved by 2030. This means the reduction of number of deaths from chemicals and air, water, soil pollution and contamination.
- Do improvement of early signs of systems for global health risks, it's been known the necessity of strength the capacity of all countries in particular developing countries for early signs and warnings of global health risk. United Kingdom has been one of the countries where in April 2023 has been testing text message system in which has the purpose one citizens off emergency alerts, crises like extreme weather, flooding, wildfires and etc.

Things that can be done within goal 3 is to find a local charity and provide some type of donation regardless of the amount it can make any difference.

The fourth goal is called quality education, which has been intuited to promote lifelong learning opportunities for everyone equitable quality of education and inclusivity. It is known that education has learning benefits which should be available for everyone. Lifelong learning open the world of reach full opportunities and has a strong contribution for the humanity. Population around the world can be helpful to meet the goals therefore there are targets that need to be achievable such as free primary and secondary education, which is believed by 2030 children and adolescents should have equitable and quality of primary and secondary education leading to other effective learning outcomes. This target has been implemented for children to have equal access to quality to pre-primary education, about this meaning that every child should have access to quality to early childhood development, care and pre-primary education so they are prepared enough to attend primary education. Is also known that by 2030 one of the targets is to ensure equal access to affordable technical, vocational and higher education this including university. And one of the most important targets in my perspective would be the target 4.5 which is to eliminate all discrimination in education this to be achieved

by 20-30 to eliminate gender disparities in education and to make sure there is equal access to all levels of education and vocational training this including vulnerable people with disabilities and people who are living in vulnerable situations.

Another important target would be the education for sustainable development and global citizenship, it's a target that is believed to be achievable by 2030 which has a purpose to make sure that all learners have knowledge and skills that are needed to promote sustainable development throughout their education for sustainable development and sustainable lifestyles this includes human rights, gender equality, promotion of a culture of peace and nonviolence.

It also is valid to mention one of targets under the goal mention, is the expansion of higher education scholarships for developing countries, this was a target that was meant to be completed by 2020.

Things that could help to promote better quality of education, according to the global goals students books or used books, which provides easy way to give access to knowledge call from the promotion of free online courses which opens more opportunities to access to education in a digital world, visiting local schools and get supplies that might be needed within the community of the local school, another valid action would be mentoring young people in order to provide tutoring and homework assistance or deliver lessons on the global goals, therefore knowledge is being spread out.

The fifth goal is called gender equality which promotes the quality and empowerment of all women and girls around the globe. If it is known that there is a gender bias. Few years back it was known that woman would not have equal rights and half of the population has a chance of living life at its fullest. Women can benefit from political, economic and social equality perspectives. One of the targets as to end discrimination against women and girls these men end in any forms of discrimination against women around the globe. one of the main target is to end violence against woman and exploitation this included trafficking and sexual and other types of exploitation. One of the targets that still need to be implemented and to be achievable is to eliminate forced marriages and genital mutilation, it still is known that some countries still going on with the genital motivations specially around Africa where female genital mutilation still evolves. Target 5.6 is related to the access to the universal access to reproductive health and rights as agreed in accordance with the programme of action of the International Conference on population and development.

The sixth goal is sustainable management of water and sanitation for everyone. It is known that's one in three people live without sanitation which is one of the leads of causes of unnecessary disease and death. According to the global goals 2023 at least 4 billion people lack access to basic sanitation services. In particular countries it is needed affordable equipment and education in hygiene practises so therefore it can be avoided a loss of life. One of the targets for this goal is to have safe and affordable drinking water by 2030. By 2030 is also believable to achieve access to adequate an equitable sanitation an ageing for everyone specially paying more attention to women and girls who live in vulnerable circumstances.

Another goal is the access to affordable, reliable, sustainable and modern energy. It is known that our current reliance on fossil fuels is unsustainable and harmful to earth. Therefore, there is a need to find a sustainable consume and productive energy solutions for survival. One of the achievable targets are to ensure universal access to affordable, reliable energy services by 2030 therefore there needs to be an increase of global percentage renewable energy. It is also needed to promote access to research technology and other investments in clean energy, therefore by 2030 there is only to promote international cooperation to make easy access to clean energy research and other technology including renewable energy another energy efficiency in order to promote investments in energy infrastructures and clean energy technology.

Goal 8 and 9 explains the importance of decent work and economic growth and industry innovation and infrastructure. The economic raises should be seen as positive input for habitants of earth. Therefore, labour rights should be protected to avoid modern slavery and children exploitation. Therefore, the targets implemented are to end modern slavery and human trafficking and to ensure the elimination of any forms of child labour by the end 2025.

Goal 10 and 11 are based on sustainable cities and communities and responsible consumption and production. Goal 10 has the purpose to reduce inequalities in environments that we frequent daily, the targets for this goal is to by 2030 to achieve a sustainable income growth. Ensuring that there are equal opportunities are offered. Goal 11 has the purpose to accommodate inclusive settlements and safe sustainable cities for everyone. By 2030 it is believed that there will be adequate, affordable housing aznd basic services for everyone, this includes accessible sustainable transportation.

Goal 13,14 and 15 Are related to climate action, life below water and life on land which relies on the environment. It is visible that's climate change is having a big impact within life below water and live on land One after target for goal 13 is to build knowledge and capacity to meet climate change education as well as raising awareness in order to have slightly

reduced impacts on climate changes, therefore one of the biggest actions that can be made is recycling this includes recycling paper, glass, plastic, metal and other old electronics that can be recycled. Making the choice of reusable products call mum buy an eco friendly products if possible, bike, walk, take public transport especially when travelling in big groups, as a form to save the environment and the ambient. In regard to goal 14 by 2025 it is expected to prevent and reduce marine pollution of all kinds. It is also expected to have an increase of scientific knowledge research and technology for ocean health in order to improve the contribution of marine biodiversity. In what touches to goal 15 It is expected to protect and promote sustainable use of terrestrial ecosystems and manage forests. Under the current goal is to ensure conservation of mountain ecosystems by 2030 in order to show off capacity to provide benefits that can be essential for a sustainable development by doing so it helps to protect biodiversity and natural habitats which will help to prevent extinction of threatened animals.

Goal 16 is related to peace, justice, and strong institutions, this meaning the promotion of peaceful and inclusive societies and communities for sustainable developments therefore to provide access to you fair justice an effective accountable and inclusive institutions. One of the targets under this goal is to reduce violence, protect children from abuse exploitation and trafficking. one of the targets is also to by 20-30 to provide legal identity for all births registration, by this being universal legal identity, as it is known that some countries this target has not been established yet.

Goal 17 is related to working together therefore the name of it being “Partnership for the goals” this goal can only be achieved if all country and citizens work in form to develop for a better future, therefore there is a need of sympathy, support and sense of cooperation. Targets that are being looked out for are: the implementation of assistance commitments according to the global goals 2023 “including the commitment by many developed countries to achieve the target of 0.7 per cent of gross national income for official development assistance (ODA/GNI) to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries. Another target under the current goal is the mobilization of financial resources for development countries. Also another intention is to invest. Back in to the underdeveloped countries.

Initiatives adopted by UK government in meeting these goals.

United kingdom is a developed country, in which to be ruled in advantageous way is by having policies. Within the sustainable development goals united kingdom government needed to adopt policies in order to meet goal 3,4 and 17.

To ensure the British government within the goal 3 which is “Ensure healthy lives and promote well-being for all ages” to achieve it the place is to reduce crime; reduce the risk of terrorism in United Kingdom; therefore the priority outcomes contributed in a certain way to SDG 3 as it contributes to a better health reducing mental health and physical impacts from crime.

Another plan that ensure equitable quality education and promote lifelong learn opportunities for all, one of the adopted plans from the British government which is the a good quality of start in life in early education and childcare as form to raise standards and help parents to go back to work in order to sustain their families. This is was plan was to be carried out 2021 and 2022 and published in July 2021. The department of for education has the purpose to look out for children’s services and education. They work on purpose to provide equal opportunities for all. This link to the SDG under the targets 4.3, 4.4 and 4.6

Cambridge

The city that I have chosen to critically examine is Cambridge, which is a town located in Cambridgeshire district in east England which is approximately 60 miles to London more specifically north London.

According to Census in terms of population Cambridge has increased by 17.6% from 123,900 in 2011 to 145,700 in 2021.

Cambridge is known as the city of students as it predominantly student residents living within the town, as also it also has a variety of known colleges and universities in United Kingdom, as Anglia Ruskin being one of the most popular universities in England with four thousand students.

Cambridge is a city town that is looking toys to work for a sustainable council one of their plans is to tackle climate change strategy which is a plan between 2021 to 2026 which shares a vision for Cambridge to be net 0 carbon by 2030 this will enable this city and the rest of UK to achieve it by implementing necessary changes. There are many objectives to implement forms of achieving the desire strategy this by:

- The reduction of carbon emissions from the City Council this includes vehicles and other services
- the promotion of sustainable food

- reduction of energy consumption and other carbon emissions from homes and big buildings situated in Cambridge City council
- Decreased consumption of all the type of resources which includes the reduction of waste and the necessity of increasing recycling in Cambridge
- Cambridge is also city centre that reinforces need of using bicycles or other forms of transports the avoid the distribution of carbon emissions, therefore they've been invented the green buses which have low carbon emissions while circling into villages and cities within the Cambridgeshire area.

This strategy plan can be linked to sustainable development number 12 and a bit of 13 which is linked to responsible consumption and production and climate action.

Also Cambridge as looking anyways to reduce footprint which means the reduction of total carbon footprint. One of the objectives with this is to in force people to buy local produce, so local produced food will have higher chances of knowing who has grown the food and weather for this one therefore is also a way of supporting local businesses, which of words unnecessary travels. Another target for Cambridge is to grow your own food if possible which is a way of sustainable food network which will help as well too supply other chains AM provide easy assess to healthy an environmental sustainable food for everyone.

Benefits of SDG in Cambridge

Cambridge is a City Council has been benefiting from sustainable development goals which one of them is number 4 which is related to education the SDG4 specially when it does just two grounds of girls and women and other marginalised groups Cambridge is a city centre that's been focusing in to deliver great educational grounds an environment according to "quality and education in forests the golden thread", 2nd of December 2019. Cambridge is also considered a manageable city centre in which the population contributes for better outcomes in regards to the sustainable development goals.

Recommendations

According to my research in regards of recommendation there should be more goals that I've been accredited by Cambridge City council published so he gives an idea of goals have been set and accomplished or achieved and goals still need work done.

Cambridge is a city that is very large therefore there still is the need of reinforcing the use of bicycles specially if it's been accredited by workplaces and schools, which gives an advantage to establishments.

another recommendation that can be implemented would be the less use of paper tickets within these green buses and the use of more digital tickets or tap in an out card (this can be bank card or top up bus pass), During the pandemic it was less seen but now has gone back to normal, which is understandable because of our old age living people which are not situated with the new technology.

Since Cambridge is a city centre in England, and one thing community or population struggles the most with is affordable housing conditions come especially students that still studying yet working on the side. rents in Cambridge are not very accessible to everyone therefore City Council still needs to work on SDG number 11 in order for great quality and equality off affordable, accommodating housing conditions.

Conclusion

Sustainable development goals are the essential in order for better outcomes within the times we live now. With this goals we can compare and analyse where changes are required for a better impact on the earth that we reside on. It is crucial for every single one of us to participate to achieve to the goals within the deadline set. It is important to raise awareness are things that can be done in order to achieve the desired outcomes such as campaigns , donations to local charities, standing up for justice and reminding leaders after promise after global goals. Every citizen has the power to change for better therefore we shall use it now for a better future that is ahead of us.

References:

“ Cambridge” Wikipedia: <https://en.wikipedia.org/wiki/Cambridge> last accessed 22nd April 2023

Cambridge Green <https://www.cambridge.gov.uk/media/3245/greening-your-home-chapter-3.pdf>

Cambridge city council: <https://www.cambridge.gov.uk/making-your-home-greener>

DfE Outcome Delivery Plan, Gov.uk available at:

<https://www.gov.uk/government/publications/department-for-education-outcome-delivery-plan/df-e-outcome-delivery-plan-2021-to-2022> last accessed 01 May 2023

“Green impact” <https://www.environment.admin.cam.ac.uk/green-impact> last accessed 02 May 2023 well the

“How the population changed in Cambridge: Census 2021”

<https://www.ons.gov.uk/visualisations/censuspopulationchange/E07000008/> last accessed 28th April 2023

Implementing the Sustainable Development Goals, Gov.uk: available at:

<https://www.gov.uk/government/publications/implementing-the-sustainable-development-goals/implementing-the-sustainable-development-goals--2> last accessed 01 May 2023

Sustainable development goals collection <https://www.cambridge.org/core/browse-subjects/earth-and-environmental-sciences/sustainable-development-goals-collection> last accessed 3rd may 2023

“ Population of Cambridge” <https://www.varbes.com/population/cambridge-population> last accessed 20th April 2023

The 17 goals; “The global goals” available at: <https://www.globalgoals.org/goals/>

UK and the Sustainable Development Goals, GOV.UK, available at: last accessed 02 May 2023

<https://www.gov.uk/government/topical-events/uk-voluntary-national-review-of-progress-towards-the-sustainable-development-goals> last accessed 01 May 2023

Kanowski, P., Yao, D., & Wyatt, S. (2019). SDG 4: Quality Education and Forests – ‘The Golden Thread’ <https://www.cambridge.org/core/books/sustainable-development-goals-their-impacts-on-forests-and-people/sdg-4-quality-education-and-forests-the-golden-thread/9DA60FF2530AD1E7E5DF0A215AA5A2A9>