



WAVE & The Sustainable Development Goals

5th Edition

Q3 2021 Update



Introduction To SDG's

Update Leads



SUSTAINABLE DEVELOPMENT GOALS



Gokul
Divakaran



Jack
Brockbank



Caitlin
Earle

The Sustainable Development Goals are a collection of 17 goals established by the United Nations General Assembly in 2015, which focus on global environmental, ethical, and socio-economic issues. The goals are designed to be a “blueprint to achieve a better and more sustainable future for all”.

Our SDG's have been carefully considered and are changed based on attainment of meeting our set goals to reflect our company vision “WAVE promote sustainable engineering practices that protect our natural environment for present and future generations”.

This report represents our 5th SDG edition since we launched our continuous SDG programme in October 2019, and was led by Jack Brockbank, Caitlin Earle and Gokul Divakaran.

The Overview

The United Nations SDG's are based on the following key areas; their importance is explained below.

Conserving the Environment



Conserving the environment is important to ensure the survival of certain species of plants and animals and to protect them from further environmental damage.

Improving Health and Wellbeing



Focusing on both physical and mental health is important for employee's at WAVE, as well as those outside of the business.

Reducing Inequalities



The same opportunities and resources should be available to all, and WAVE fully support this.

Sustainable Consuming

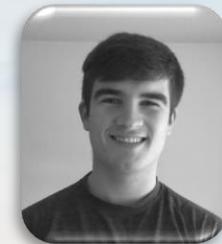


The resources we use, how and where they are sourced, and how we dispose of them is the most effective way of reducing our environmental impact.

Supporting Quality Education



Education impacts a person's abilities and also their mindset. We do not stop learning after school, college or university.



What have we done?

- Gokul Divakaran has been busy with the Global Shapers Trivandrum Hub!
- Akhil Dev, Gokul Divakaran, NanduKumar Raveendran & Sivadas U Pillai, our Trivandrum team have been getting involved with H2O Helping Hands Charity in Trivandrum!
- WAVE UK team members organised and carried out the refurbishment of Glusburn Park Shelter!
- Nick Antill has been volunteering and supporting the NHS!
- Gary Ernest made the switch to an Electric Vehicle!
- Ellie Clare participated in Cool Careers!
- Caitlin Earle participated in the STEMAZING Inspiration Academy!





Gokul Divakaran - Global Shapers Community

Over in India one of our design consultants, Gokul Divakaran, has been working closely with his local Global Shapers Community in Trivandrum.

The Global Shapers Community are a group of young people across the world which strive to make a difference by tackling important issues in their local community.

As of the start of July, Gokul has earned the title of Vice Curator for the coming year. This role includes working closely with the curator, supporting them in the leadership of the hub.



Gokul
Divakaran





Global Shapers Community – Trivandrum Hub Projects

Gokul has already been a part of multiple projects as part of the Global Shapers Community, some of these are detailed below and on the next page:

Learn how to:

Sew and responsibly wear, clean, store & dispose DIY cotton masks



**MAKE & SEW
KINDNESS**

MakeAndSewKindness.com

The M.A.S.K (Make and Sew Kindness) Project – this was an awareness campaign that surrounded changing public behaviour around the usage of masks in times of COVID-19 crisis. This was done in collaboration with the Bangalore Hub where a video was created with members in multiple languages in an effort to educate people on how to responsibly wear, clean, store and dispose cotton masks.

Project Avaropita – this is an online campaign which informs members of the local community about the justice system in India. It also raises awareness of the violence in police custody in India.



Global Shapers Community - Trivandrum Hub Projects Continued



Blood Donation Drive - this project helped raise awareness among young people on blood donation. This included 16,000 blood donations taking place and the campaign extending to almost 42,000 people.

COVID-19 Frontline Workers - The WAVE Team provided essential equipment for COVID treatment centres in Trivandrum, in partnership with the Global Shapers Trivandrum hub. This included 6500 surgical masks, 400 N95 masks, 50 oximeters and 100 PPE kits. Gokul can be seen pictured handing over the supplies to the treatment centre.



Sivadas U Pillai



Nandukumar Raveendran



Gokul Divakaran



Akhil Dev





Global Shapers – An Interview with Gokul!

What will you be doing as Vice curator for the Trivandrum Hub?

“I will work closely with the curator and support the curator in the leadership of the hub. The vice-curator supports the curator for steering and guiding the affairs of the hub. The vice-curator is responsible for guiding and reviewing the performance of the internal committees within the hub. The vice-curator shall lead the Talent Management Committee of the hub who are responsible for the recruitment in the hub. These are the official roles to be fulfilled by the vice-curator. So, basically it would managing the affairs of the hub along with the curator of the hub.”

What made you join the Global Shapers programme? & how did you find out about it?

“I came to know about Global Shapers from a friend of mine who was in another hub. I was really impressed by the work that is done by the Global Shapers Community. This was also the time when WAVE had started with the SDG project and I had the chance to work with the local administration on constructing a well for a financially backward family. This made me aware of the problems at a local level in the city and then I started searching for how I can contribute to the community. This search lead me to Global Shapers where I could interact with like-minded people who are looking to contribute positively to the city and are trying to bring about a change.”





Global Shapers - An Interview with Gokul - Continued

What are the short / long term aspirations of the Trivandrum hub?

"The major goals for the next year will be to improve the branding of the hub - improve visibility through social media and through high-impact projects/events. We are also looking to improve the engagement inside the hub - internal branding is a great way to improve outside visibility as well. Continuous hub engagements will be planned to ensure more participants in every meeting, as well as continuous learning for everyone. Also, we will be implementing projects that will have an impact in the community.

For the short term we are starting various projects looking to impact different SDGs. A project we are going to start very soon is the Transformational Series: A hub project to be spread across several months, bringing in eminent personalities from various field to talk about their subjects. This will be implemented as a 6-month project, with talks every 2 weeks, aimed at the corporate and student audience. We intend to reach maximum people so that they can take away something new after every talk session. We are also looking to implement further projects."

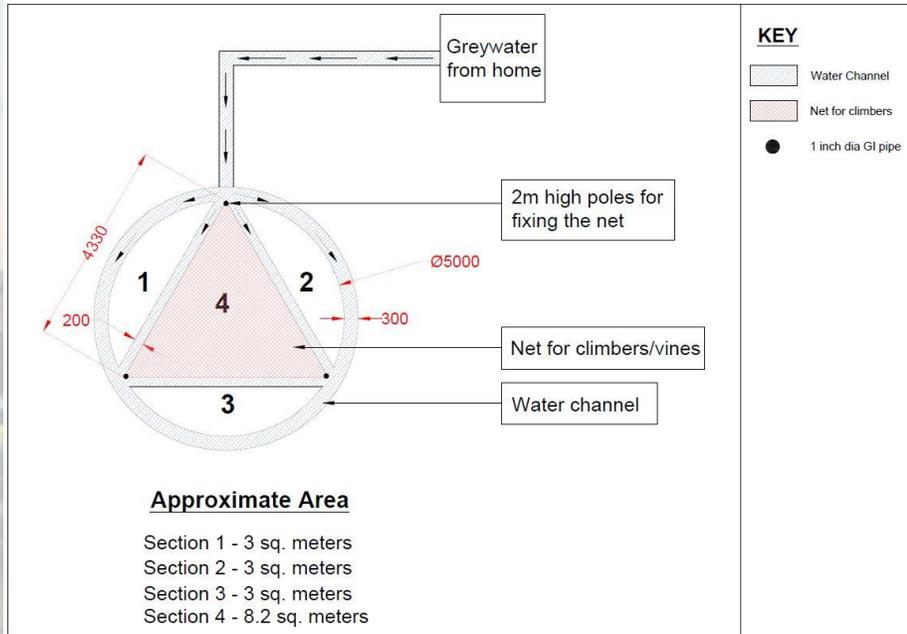


Gokul
Divakaran





Helping Hands Organisation - Vegetable Patches



Our Trivandrum based team have got involved with a project, providing support to the **H2O Helping Hands Organisation** which focuses on helping underprivileged children with learning difficulties.

WAVE are covering the cost and providing labour support for the construction of small vegetable patches at 6 homes of children with disabilities. This project looks to tackle water conservation, compact farming and in-situ composting.

WAVE also created a drawing which shows the approximate size and shape of the vegetable patches.



Sivadas U Pillai



NanduKumar Raveendran



Gokul Divakaran



Akhil Dev





Glusburn Park Shelter

In partnership with Glusburn & Cross Hills Parish Council, five members of the WAVE team refurbished a shelter in Glusburn park. WAVE purchased all materials required for organizing the initiative, including paints, brushes and rollers, as well as painting the shelter itself.

Glusburn shelter is now available to use for the general public!



Ross Muir



Joseph Eastwood



James Bailey



Caitlin Earle



Sam Cameron





Nick Antill - Supporting Our NHS

Nick Antill, one of our Project Consultants, and his wife Vikkii volunteered at a local mass vaccination centre. With their volunteer work, the centre has managed to administer almost 81,000 vaccinations (as of 11/05/2021).

Nick commented that "This is the least we could both do to help and assist our great NHS who have and are doing a fantastic job under extreme pressure".



Nick Antill





Gary's Gone Green!

Our Bolton region project consultant, and Training Manager Gary Ernest, has recently made the switch to an electric vehicle!

Gary has recently purchased a BMW i3, which is the first electric vehicle at WAVE! The BMW i3 can cover up to 182-190 miles in pure electric and can achieve a 0-80% charge time of between 3 and 5 hours, so it's perfect for Gary!

We hope Gary's switch to EV will encourage other Employee's to do the same!



Gary Ernest

7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

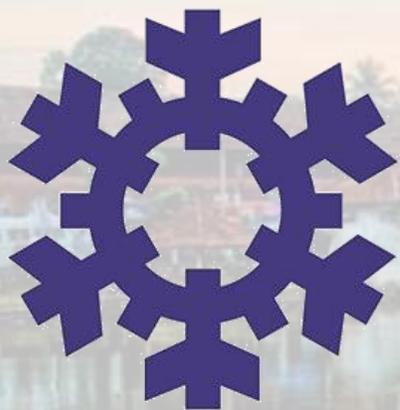


13 CLIMATE ACTION





Ellie's & Cool Careers



IOR
ior.org.uk



Ellie Clare

Ellie Clare presented at the IOR Cool Careers event in June. Ellie is a former WAVE Trainee, and is now our Operations Manager! Ellie was selected to participate due to being the Silver Winner in the IOR/RAC Student of the Year at the Cooling Awards in 2019!

Ellie participated in a Q&A session Infront of a sizeable audience via video conference.

Ellie has become well respected as a young woman working in STEM and the team at WAVE could not be any prouder of her!

8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



17 PARTNERSHIPS FOR THE GOALS





Caitlin and the STEMAZING Inspiration Academy

One of our Trainee's, Caitlin Earle, has participated in the STEMAZING Inspiration Academy. The programme comprised of around 4 months.

Activities included building confidence on camera, learning presentation techniques, and finally, delivering STEM sessions to primary school aged children.

The aim of the programme was to increase visibility of women in STEM careers and provide opportunities for young people to learn about STEM!



Caitlin Earle

4 QUALITY EDUCATION



5 GENDER EQUALITY



8 DECENT WORK AND ECONOMIC GROWTH



17 PARTNERSHIPS FOR THE GOALS



What Next?!

- Continued support for the H2O Helping Hands Charity in Trivandrum and building & maintenance of the vegetable garden patches.
- Sam Cameron, our Engineering Manager will take a lead on working towards B-Impact Certification - this is an accreditation which shows that a business reaches the 'highest standards of social and environmental performance, public transparency and legal accountability to balance profit and purpose'.
- WAVE's Office Garden space will be transformed into a nice outside green area, led by Technical Consultant, Chris Parker.



Sam
Cameron



Chris
Parker