

# SDGs Workshop

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# Agenda

- Introduction: Background and purpose of the workshop
- What are the UN Sustainability Development Goals SDGs?
- 2030 Agenda for Sustainable Development: 5 Ps
- Why do we need a sustainable transformation?
- What can sustainability mean for our organization?
- Activities:
- Co-creation of applications in small groups: How can we promote SDGs in research, teaching and community service?
- Workshop Assessment

# Introduction

## Background and purpose of the workshop



# Workshop Goals

- Participants gain new knowledge and common understanding about the sustainable development goals.
- The team understand the need for a sustainable transformation.
- Have thoughts and ideas on how to contribute, as individual, leader and employee.
- Approach new networks and target groups with your new topics.



UNITED NATIONS  
SYSTEM STAFF COLLEGE

# The 2030 Agenda for Sustainable Development



**General Assembly**

Distr.: General  
21 October 2015

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**Seventieth session**  
Agenda items 15 and 116

## **Resolution adopted by the General Assembly on 25 September 2015**

*[without reference to a Main Committee (A/70/L.1)]*

### **70/1. Transforming our world: the 2030 Agenda for Sustainable Development**

*The General Assembly*

*Adopts* the following outcome document of the United Nations summit for the adoption of the post-2015 development agenda:

**Transforming our world: the 2030 Agenda for Sustainable Development**

Dr. Yasser Mahgoub – S&E Office



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# The 2030 Agenda for Sustainable Development



A/RES/70/1\*

الأمم المتحدة

Distr.: General  
21 October 2015

الجمعية العامة 

الدورة السبعون

البندان ١٥ و ١١٦ من جدول الأعمال

قرار اتخذته الجمعية العامة في ٢٥ أيلول/سبتمبر ٢٠١٥

[دون الإحالة إلى لجنة رئيسية (A/70/L.1)]

١/٧٠ - تحويل عالمنا: خطة التنمية المستدامة لعام ٢٠٣٠

إن الجمعية العامة

تعتمد الوثيقة الختامية التالية لمؤتمر قمة الأمم المتحدة لاعتماد خطة التنمية لما بعد

عام ٢٠١٥:

تحويل عالمنا: خطة التنمية المستدامة لعام ٢٠٣٠

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# What are the SDGs?



The **Sustainable Development Goals** are humanity's **to-do list** for a sustainable planet, a clear **roadmap** for a better future.



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The 2030 Agenda for  
Sustainable Development

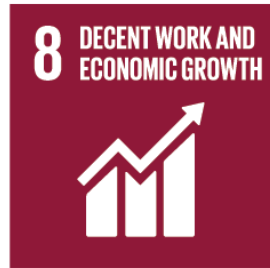




# SDGs ... How Many?



# SUSTAINABLE DEVELOPMENT GOALS



# Handout 1



# Sustainable Development Goals

- **Goal 1.** End poverty in all its forms everywhere
- **Goal 2.** End hunger, achieve food security and improved nutrition and promote sustainable agriculture
- **Goal 3.** Ensure healthy lives and promote well-being for all at all ages
- **Goal 4.** Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

- الهدف 1: القضاء على الفقر بجميع أشكاله في كل مكان
- الهدف 2: القضاء على الجوع وتحقيق الأمن الغذائي والتغذية المحسنة وتعزيز الزراعة المستدامة
- الهدف 3: ضمان حياة صحية وتعزيز الرفاهية للجميع في جميع الأعمار
- الهدف 4: ضمان تعليم جيد شامل ومنصف وتعزيز التعلم مدى الحياة فرص للجميع

# أهداف التنمية المستدامة - 17 هدف لتغيير العالم

- **الهدف 5:** تحقيق المساواة بين الجنسين وتمكين جميع النساء والفتيات
- **الهدف 6:** ضمان توافر المياه والصرف الصحي للجميع وإدارتها بشكل مستدام
- **الهدف 7:** ضمان حصول الجميع بتكلفة ميسورة على الطاقة الحديثة الموثوقة والمستدامة
- **الهدف 8:** تعزيز النمو الاقتصادي المطرد والشامل والمستدام ، والكامل والمنتج العمالة والعمل اللائق للجميع
- **Goal 5.** Achieve gender equality and empower all women and girls
- **Goal 6.** Ensure availability and sustainable management of water and sanitation for all
- **Goal 7.** Ensure access to affordable, reliable, sustainable and modern energy for all
- **Goal 8.** Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

# Sustainable Development Goals

- **Goal 9.** Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
- **Goal 10.** Reduce inequality within and among countries
- **Goal 11.** Make cities and human settlements inclusive, safe, resilient and sustainable
- **Goal 12.** Ensure sustainable consumption and production patterns

- الهدف 9: بناء بنية تحتية مرنة ، وتعزيز التصنيع الشامل والمستدام وتعزيز الابتكار
- الهدف 10: الحد من عدم المساواة داخل البلدان وفيما بينها
- الهدف 11: جعل المدن والمستوطنات البشرية شاملة وآمنة ومرنة ومستدامة
- الهدف 12: ضمان وجود أنماط استهلاك وإنتاج مستدامة

# Sustainable Development Goals

- **Goal 13.** Take urgent action to combat climate change and its impacts
- **Goal 14.** Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- **Goal 15.** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

- الهدف 13: اتخاذ إجراءات عاجلة للتصدي لتغير المناخ وآثاره
- الهدف 14: الحفاظ على المحيطات والبحار والموارد البحرية واستخدامها على نحو مستدام من أجل التنمية المستدامة
- الهدف 15: حماية واستعادة وتعزيز الاستخدام المستدام للنظم الإيكولوجية الأرضية، إدارة الغابات على نحو مستدام ، ومكافحة التصحر ، ووقف وعكس اتجاه تدهور الأرض ووقف فقدان التنوع البيولوجي

# Sustainable Development Goals

- **Goal 16.** Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
- **Goal 17.** Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

- الهدف 16: تعزيز المجتمعات السلمية والشاملة من أجل التنمية المستدامة ، وتوفير الوصول لتحقيق العدالة للجميع وبناء مؤسسات فعالة وخاضعة للمساءلة وشاملة على جميع المستويات
- الهدف 17: تعزيز وسائل التنفيذ وتنشيط الشراكة العالمية من أجل التنمية المستدامة



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# Activity



# Handout 2



# Sustainable Development Goals & Programs

What SDGs do you think are related to your program?

How

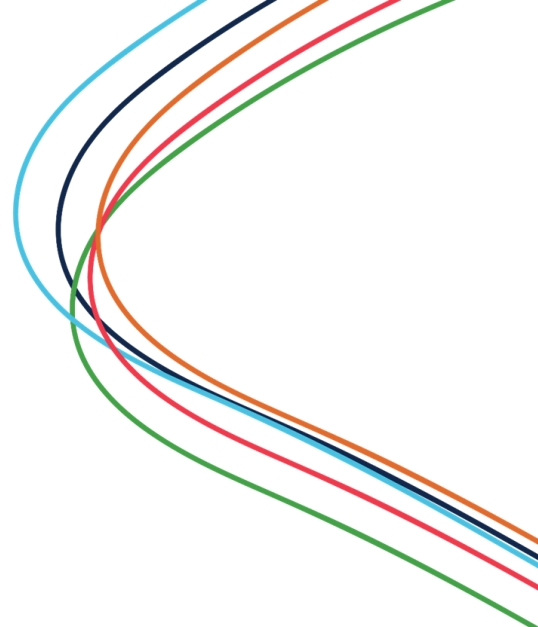
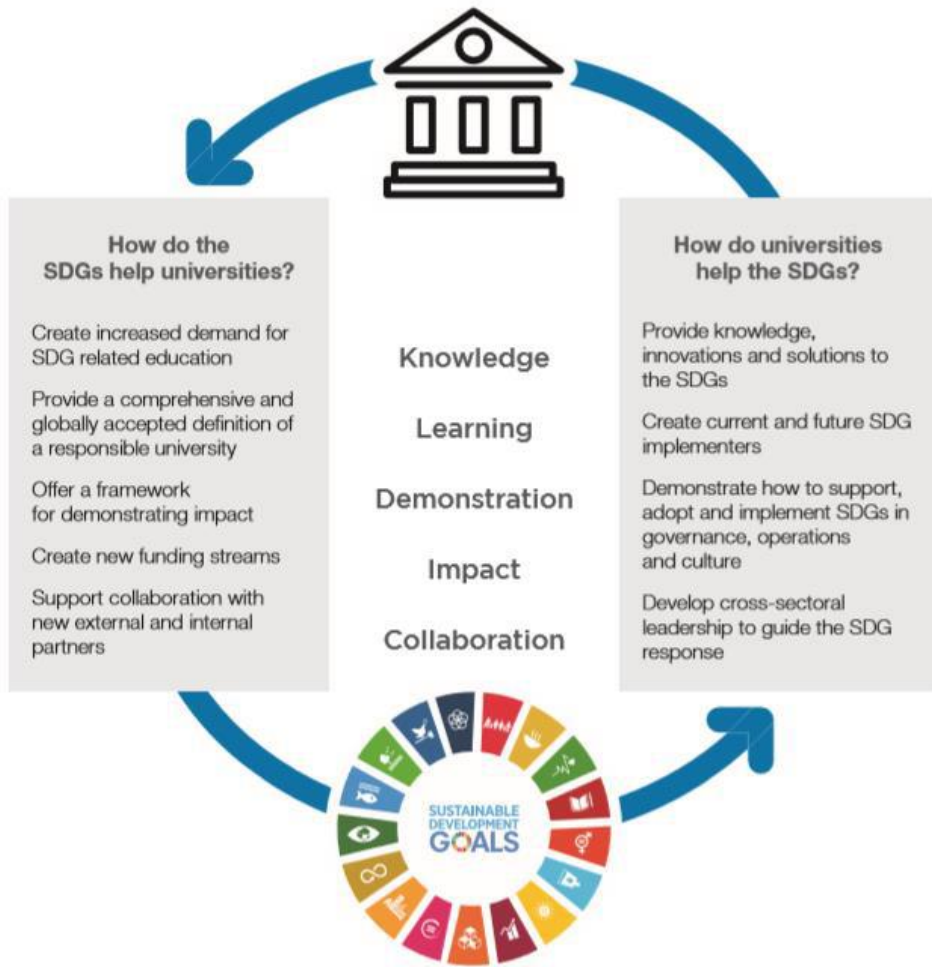
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Program	Poverty	Hunger	Health	Education	Gender	Water	Energy	Growth	Innovation	Inequality	Cities	Consumption	Climate	Oceans	Land	Peace	Partnership
1																		
2																		
3																		

# SDGs in Academia



# SDGs and Academia

- Universities and colleges **provide assistance** to, and **collaborate** with, civil society groups and a wide range of local stakeholders to advance the SDGs via **innovative ideas, projects,** and **solutions combining academic knowledge and resources** with those of the **community.**





Research on the SDGs  
Interdisciplinary and  
transdisciplinary research  
Innovations and solutions  
National & local  
implementation  
Capacity building for  
research



Education for sustainable  
development  
Jobs for implementing  
the SDGs  
Capacity building  
Mobilising young people

Governance and  
operations aligned with  
SDGs  
Incorporate into  
university reporting

Public engagement  
Cross-sectoral dialogue  
and action  
Policy development and  
advocacy  
Advocacy for sector role  
Demonstrate sector  
commitment

# SDGs Guiding Our Efforts



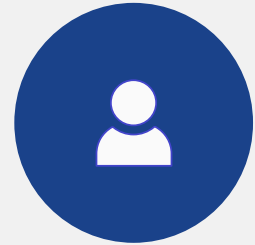
## Research

SDGs guiding our  
research endeavours



## Teaching

SDGs guiding our  
teaching activities



## Community

SDGs Guiding our  
community services

# Resources



**SUSTAINABLE  
DEVELOPMENT GOALS**

- <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



**DONATE WHAT YOU DON'T USE.**

More than 700 million people still live in extreme poverty.

**Goal 1: No Poverty**

SUSTAINABLE DEVELOPMENT GOALS

2 ZERO HUNGER



**WASTE LESS FOOD AND SUPPORT LOCAL FARMERS.**

A third of the world's food is wasted, yet 821 million people are undernourished.

**Goal 2: Zero Hunger**

SUSTAINABLE DEVELOPMENT GOALS

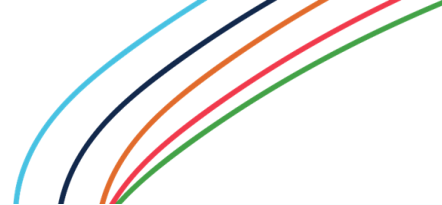
3 GOOD HEALTH AND WELL-BEING




**VACCINATE YOUR FAMILY.**

Vaccinations resulted in an 80% drop in measles deaths between 2000 and 2017.

**Goal 3: Good Health and Well-Being**




**SUSTAINABLE DEVELOPMENT GOALS** **4** QUALITY EDUCATION



**HELP EDUCATE THE CHILDREN IN YOUR COMMUNITY.**  
617 million children and adolescents lack minimum proficiency in reading and mathematics.

**Goal 4: Quality Education**


**SUSTAINABLE DEVELOPMENT GOALS** **5** GENDER EQUALITY



**EMPOWER WOMEN AND GIRLS AND ENSURE THEIR EQUAL RIGHTS.**  
1 in 3 women has experienced physical and/or sexual violence.

**Goal 5: Gender Equality**

**SUSTAINABLE DEVELOPMENT GOALS** **6** CLEAN WATER AND SANITATION



**AVOID WASTING WATER.**  
Water scarcity affects more than 40% of the world's population.

**Goal 6: Clean Water and Sanitation**

SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY



**USE ONLY ENERGY-EFFICIENT APPLIANCES AND LIGHT BULBS.**

Three billion people still lack clean cooking fuels and technologies.

**Goal 7: Affordable and Clean Energy**

SUSTAINABLE DEVELOPMENT GOALS

8 DECENT WORK AND ECONOMIC GROWTH



**CREATE JOB OPPORTUNITIES FOR YOUTH.**

One-fifth of young people are not in education, employment or training.

**Goal 8: Decent Work and Economic Growth**

SUSTAINABLE DEVELOPMENT GOALS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



**FUND PROJECTS THAT PROVIDE BASIC INFRASTRUCTURE.**

Roads, water, sanitation and electricity remain scarce in many developing countries.

**Goal 9: Industry, Innovation, and Infrastructure**

SUSTAINABLE DEVELOPMENT GOALS

10 REDUCED INEQUALITIES



**SUPPORT THE MARGINALIZED AND DISADVANTAGED.**

The poorest 40% of the population earn less than 25% of global income.

**Goal 10: Reduced Inequalities**

SUSTAINABLE DEVELOPMENT GOALS

11 SUSTAINABLE CITIES AND COMMUNITIES



**BIKE, WALK OR USE PUBLIC TRANSPORTATION.**

9 out of 10 urban residents breathe polluted air.

**Goal 11: Sustainable Cities and Communities**

SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



**RECYCLE PAPER, PLASTIC, GLASS AND ALUMINIUM.**

By 2050, the equivalent of almost three planets could be required to sustain current lifestyles.

**Goal 12: Responsible Consumption and Production**

**ACT NOW TO STOP GLOBAL WARMING.**  
Global emissions of carbon dioxide (CO<sub>2</sub>) have increased by almost 50% since 1990.

**Goal 13: Climate Action**

**AVOID PLASTIC BAGS TO KEEP THE OCEANS CLEAN.**  
Over three billion people depend on marine and coastal biodiversity for their livelihoods.

**Goal 14: Life Below Water**

**PLANT A TREE AND HELP PROTECT THE ENVIRONMENT.**  
Forests are home to more than 80% of all terrestrial species of animals, plants and insects.

**Goal 15: Life on Land**



SUSTAINABLE DEVELOPMENT GOALS

16

PEACE, JUSTICE AND STRONG INSTITUTIONS



### STAND UP FOR HUMAN RIGHTS.

In 2018, the number of people fleeing war, persecution and conflict exceeded 70 million.

**Goal 16: Peace, Justice and Strong Institutions**

SUSTAINABLE DEVELOPMENT GOALS

17

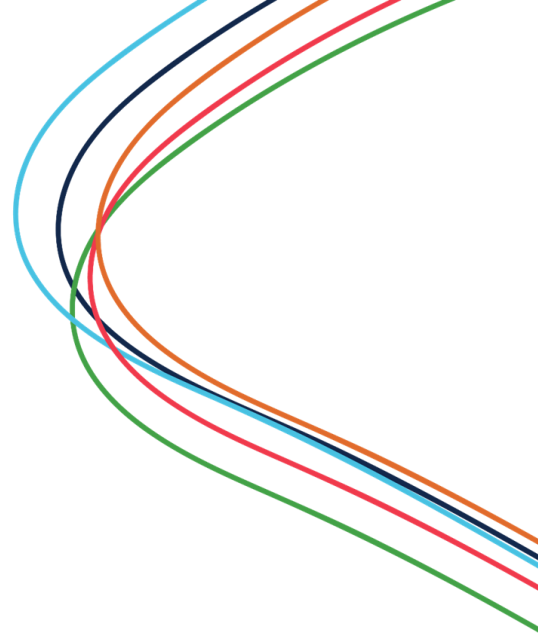
PARTNERSHIPS FOR THE GOALS



### LOBBY YOUR GOVERNMENT TO BOOST DEVELOPMENT FINANCING.

Achieving the SDGs could open up US\$12 trillion of market opportunities and create 380 million new jobs by 2030

**Goal 17: Partnerships**





# ACT NOW

**ActNow is the United Nations campaign for individual action on climate change and sustainability.** Every one of us can help limit global warming and take care of our planet. By making choices that have less harmful effects on the environment, we can be part of the solution and influence change.

**Use the app to log your actions and contribute to the global count.**

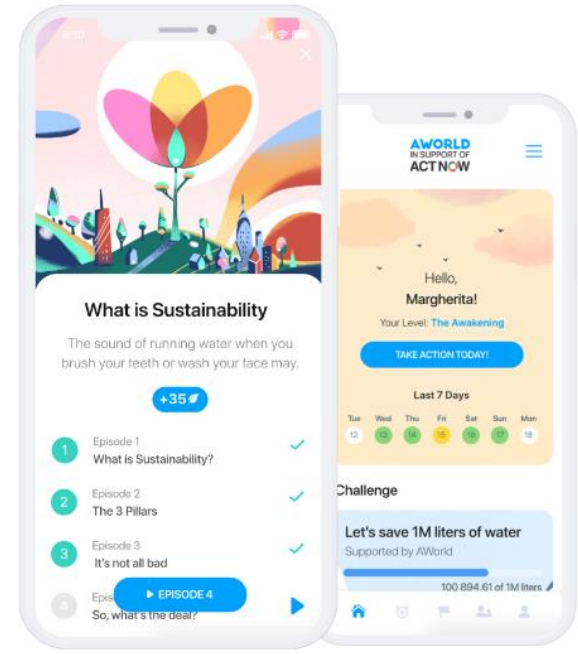
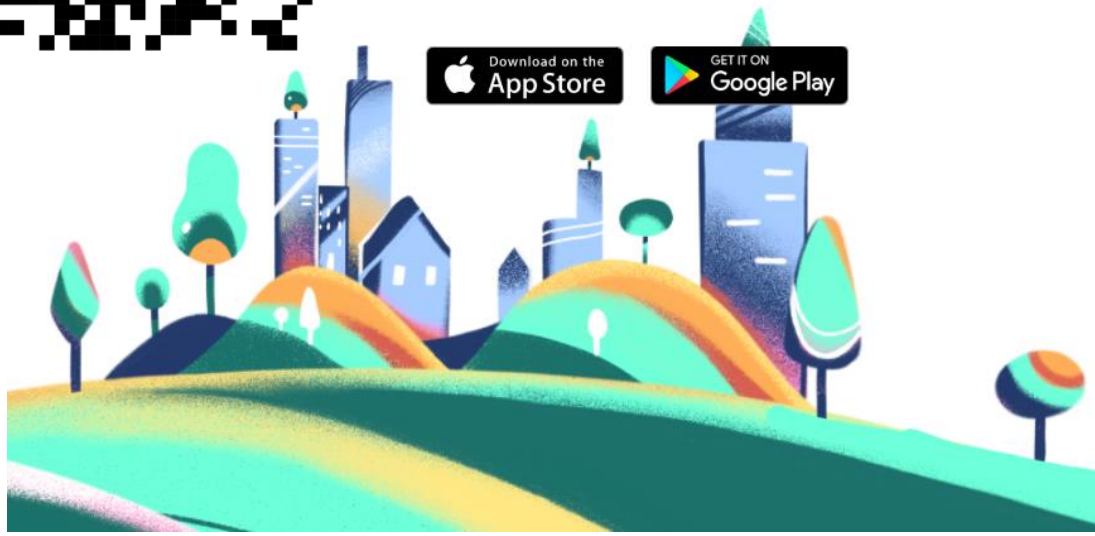
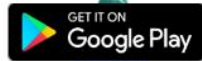
**[DOWNLOAD THE APP HERE!](#)**



**AWorld**  
IN SUPPORT OF  
**ACT NOW**

## The App for Living Sustainably in the Modern World

In Support of the United Nations ACTNOW Campaign



<https://actnow.aworld.org/>

Dr. Yasser Mahgoub – S&E Office

# Handout 3





→ 170  
daily actions



Get everyone involved. Have a classroom do regular outreach day trips to areas in need.

1

At birthday parties offer the option to donate money to your chosen charity in replacement of a birthday gift.

2

Spread the word. The more ideas are spread to combat hunger, the more people act.

1

Donate non-perishable foods to charities.

2

Provide food for schools in developing countries. When there is lunch available, attendance increases, which also means more girls marry later and have smaller families.

4

Don't smoke.

1

Be more active. Go for walks at lunchtime or cycle to work.

2

Heart disease remains the number 1 killer. Educate yourself on the causes and symptoms of heart disease as well as other Non-Communicable Diseases.

5

Buy fair-trade products to support the sustainable trade system, meaning employees are rewarded fairly for their work.

3

Teach a skill or short course at a community centre (computer skills, building a resume, preparing for job interviews).

4

1 NO POVERTY



Support food assistance programs. They provide over 20 times more food than food banks, food pantries and soup kitchens.

3

Eat a healthy diet and drink a lot of water.

3

Be part of increasing awareness of, and support for, mental health ailments such as depression, substance abuse or Alzheimer's.

4

Buy clothing or other products from stores that donate a portion of their money to charities.

5

Sponsor a child so they can have access to food, education, and health.

6

Clean out your pantry. Fill a box with non-perishable foods and donate it to a food bank.

7

2 ZERO HUNGER



Many emergency food providers need specialized skills such as accounting, social media or writing skills. Volunteer your expertise once a week.

6

If you employ workers on minimum wage, help support their other needs like education for their children, or housing supplies.

5

Never stop learning. Engaging in work or educational activities helps lift older people out of depression. So, learn a new language, read a lot, set up a book club.

7

HIV/AIDS is not over. Protect yourself. Test yourself.

6

Breastfeed. It is natural and the best source of nourishment for babies. Breastfeeding protects infants from illnesses, has long-term benefits for children and it benefits mothers.

8

Generate discussion around poverty. Write a blog, or write an article in a local newspaper.

8

If possible, give to every beggar on the street. An apple, a bottle of water, small change or even just a smile are better than not giving at all.

10

Many hungry people hesitate to ask for help because of the stigma and shame of it. Speak up about misconceptions and educate others about the realities of hungry persons.

8

Read a book on hunger. A greater understanding of its causes will better prepare you to make a difference.

9

Keep a bag of apples or tinned foods in the car for street beggars.

7

Support local farmers by buying your food at farmer's markets.

10

Get enough sleep.

9

Make time for yourself and your friends.

10

3 GOOD HEALTH AND WELL-BEING



## 4 QUALITY EDUCATION



Teach your native language to migrants in a youth centre or elsewhere. 1

Provide food at schools to increase attendance. 2

Educate your kids about the power of education, as many don't see the tangible benefits. 3

Show films or TV shows that are educational as well as entertaining for children. 4

Take education outside the school and keep it fun. Travel. Take kids on day trips to the planetarium or museums. 5

Support charities that are working in education in the poorest parts of the world. 6

Donate books to public libraries or public schools in need. 7

Share success stories, including stories that didn't make the headlines. 8

Share your skills with the ones who need them. 9

In many countries, girls are pulled out of school early in order to get married. Start conversations that allow for problems to be openly discussed and solutions to be found. 10

Increase gender representation in areas of leadership in the workplace. 1

Communicate to media outlets (advertising companies, movie production houses and so on) about the harmful impact of portraying women as inferior, less intelligent and incompetent compared to their male counterparts. 4

Practice and demonstrate to children equal decision-making processes at home. 2

Encourage schools to provide scholarships for girls. 3

Use mentoring and coaching to help women build their confidence and develop their careers. 5

If you are a woman, know your rights and stand up for them. 6

Make flexibility and work-life balance a part of the company's culture. 7

Gender equality starts at home. 9

## 5 GENDER EQUALITY



Sponsor a girl child who needs a role model. 10

Read a book on water. It will increase your understanding of the impact water has in societies, economies and our planet. 1

Support organisations that give water to areas in need. 3

Never flush toxic chemicals such as paints, chemicals or medication down the toilet. It pollutes lakes and rivers and causes health problems in marine life and humans. 7

## 6 CLEAN WATER AND SANITATION



Fix leaks at home. A leaky faucet can waste more than 11'000 litres per year. 5

Wash your car at commercial car washers who recycle water. 8

Turn off the tap when brushing your teeth and while soaping in the shower. 9

Conserve, conserve, conserve. When ice-cubes are left over from a drink, don't throw them away. Put them into plants. 2

Donate to projects that require funds for digging boreholes, installing pipes and pumps, maintenance training to communities etc. 4

Hold fundraising days in schools on World Water Day and Toilet Day and donate the money to your chosen project. 6

Hire a "Green Plumber" to reduce your water, energy and chemical use. 10

Cover the pan with a lid. It reduces the amount of energy required to boil water by 75%. 1

Turn off electronic equipment such as TVs and computers when going on holiday. 2

Turn lights off in rooms that aren't being used. When you switch your lights off, even for a few seconds, it saves more energy than it takes for the light to start up, regardless of the bulb type. 3

Efficient home designs also combine energy efficient constructions, appliances and lighting, such as solar water heating and solar electricity. 4



Use energy-efficient lightbulbs and set your household appliances on low-energy settings. 5

Turn down the thermostat and fill the house with carpets to keep the warmth inside. 6

**7 AFFORDABLE AND CLEAN ENERGY**



Support solar power projects for schools, homes and offices. 7

Only fill the kettle to the amount of water needed. 8

Installing air-conditioning? Ask for solar air conditioning. 9



Seek advice and guidance on energy efficiency in historic buildings. 10

Encourage Bring-your-child-to-work Day for youth to see what a healthy work environment looks like. 1



Support international campaigns to end modern day slavery, forced labour, human trafficking and forced marriages. 3

Provide food for low-earning workers. 5

**8 DECENT WORK AND ECONOMIC GROWTH**



Become a micro-lender and empower young people to become entrepreneurs. 2

Provide stability. Empower young professionals to grow into their positions. 4



Provide incentives for hard work. People respond to a reward system. 6

Provide reduced rates on quality health systems and facilities for employees. 7

Ensure safe working conditions. 8

Encourage more job opportunities for youth. 9

Financially assist training and development programs for an enhanced skillset. 10

Fund projects that provide infrastructure for basic needs. 1

Immerse yourself. Organise groups to visit regions where basic needs are missing. This will broaden understanding and motivate people to act on it. 4

Invest in domestic technology development research and innovation in developing countries. 7

Employ more scientific researchers and development workers in the industrial sector. 8

Host a small event for people to donate their unused, working phones, and in turn raise the awareness about the lack of infrastructure for communication services that 1-1.5 billion people still do not have. 2

Encourage sustainable infrastructure with efficient resources and environmentally friendly technologies. 5

Make cities healthy. Turn empty roof space on buildings into green roofs. They improve air quality, insulation by up to 25%, they absorb sound, promote social integration and more. 9

**9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**




Hospitals, schools and clinics can host fundraising events for projects developing health care infrastructure. 3

Keep up to date with the latest technologies and innovation. 6

Don't throw away, give away. Upgrading our electronic gadgets is inevitable, but often our gadgets are still in good working condition. Pass on your old working devices or recycle as certain parts can be recovered. 10



Encourage children to make friends with kids from different cultures. 1	Once a month have a coffee with a person who is different from you, whether in race, beliefs, culture or age. 2	Take your kids to the park and other communal spaces and look for opportunities to talk to different people. Learn about them. Understand them. 4
Learn to respect all kinds of people who may do things differently than you. 3		
	Travel the world to learn about different cultures. 5	<b>10 REDUCED INEQUALITIES</b> 
Sponsor a child to attend school. 6	Read storybooks to children that describe all cultures. 7	Say Yes to increasing the minimum wage of the lowest earning people. 8
Build schools, homes and offices to be more accommodating to older persons and people with disabilities. 9		Stop stereotypes. Write a blog of short stories that breaks that way of thinking. 10

Start a car-pooling system online, internally in the office, or in areas that don't have access to reliable public transport. 1	Advocate and support the development of sport and recreational spaces. They help build stronger, healthier, happier and safer communities. 3	Generate awareness about your city's carbon footprint and ways to improve it. 2
<b>11 SUSTAINABLE CITIES AND COMMUNITIES</b> 		
Reach out to underprivileged areas. Integrate people of different class and ethnicity and include them in decision-making processes that involve them, including their living conditions, pollution and so on. 6	Use public transport, city bikes and other modes of environmentally friendly transport. 4	Research, encourage and raise awareness for greater information transparency within your community. 5
Educate yourself on the cultural and natural heritage of your area. Visit heritage sites and post about these in a positive light. 8	Gather in small community groups to brainstorm ways to ensure safe and accessible public spaces especially for women, children, elderly people and people with disabilities. 9	Provide reduced fees on public transport in cities that face the challenge of congestion. 7
	As a company, offer reduced fees on city bicycle hire. 10	

Arrange school groups to spend 1 hour a week on the beach, along lakes or in parks to pick up the litter and to raise awareness on water pollution. 2	<b>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</b> 	Don't keep clothes or other items you are not using. Donate them. 1
Partner with hotels and restaurants to fast track leftover foods to charities that would otherwise be thrown away. 4	Recycle! 5	Buy fruit that is in funny shapes and overripe, and make smoothies out of them. 3
Keep showers short. Don't fill the bath to the top. Excessive use of water contributes to global water stress. 6	Buy sustainable products including electronics, toys, shampoo or seafood and organic groceries. 7	Eat local. And support fair trade associations that support and promote businesses committed to the principles of fair trade. 8
Do a cold wash. Warm water uses more energy. 9		Drink tap water when it is safe. 10

Compost food scraps.

1

Drive less. Walk, cycle, take public transport or car pool.

2

Take re-useable bags to the store.

3

Air dry. Let your hair and clothes dry naturally.

4

Avoid driving in peak-hour traffic.

5

Maintain your car. A well-maintained car emits fewer toxic fumes.

6

Organise for your school or company to plant new trees every year. Trees give oxygen and take in carbon dioxide.

7

Unplug TVs, computers and other electronics when not in use.

8

Spread awareness about ways to stop global warming.

9

Only buy what you need. 20-50% of the food we buy ends up in landfill.

10

13 CLIMATE ACTION



Start regularly volunteering in community groups to clean up a portion of the beach from litter if living nearby.

1

Don't buy jewellery and other items made from coral, tortoise shells or other marine life.

2

Eat local sustainable food.

3

Support organisations that protect the oceans.

4

Use fewer plastic products, which often ends up in oceans causing the death of marine animals.

5

14 LIFE BELOW WATER



Respect laws related to over-fishing.

6

Inform yourself on ocean activities by watching educational DVDs and documentaries.

7

Avoid buying wild-caught, salt-water fish for your home aquarium.

8

Only use the dishwasher and laundry machine when full.

9

Practice responsible recreational activities like boating, fishing, snorkelling and kayaking.

10

Avoid using pesticides that end up in rivers and lakes, as they are harmful to wildlife.

1

Eat seasonal produce. It tastes better, it is cheaper and it is environmentally friendly.

2

15 LIFE ON LAND



Help fund projects to rehabilitate lands.

3

Never buy products made from threatened or endangered species.

4

When you go into stores, or when you participate in market places, make environmentally-friendly choices that are in favour of our planet.

6

Recycle used paper and go paperless where possible.

5

Eat less meat. The production and distribution of meat has a huge impact on greenhouse gas emissions.

7

Make your own compost. It supports biodiversity, enriches the soil, and reduces the need for chemical fertilizers.

8

Participate in local urban farming.

9

Buy recycled products.

10

Make your voice heard and vote in your country's elections 1	Participate in your country's decision-making processes in an informed manner. 2	
<b>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</b> 	Stop violence against women. If you see it happening, report it. 3	Find value in different demographics, thoughts and beliefs for an inclusive society. 4
Demonstrate a peaceful environment at home. 5		Be passionate about your country's decisions, and remain peaceful when standing up for what you believe in. 6
	Read, write or make a video to stand up for peace. 7	Host or participate in local community events to get to know one another in safe environments. This can be at sports events, barbecues, festivals and so on. 10
Spend some time each week quietly reflecting on how you would like to relate to others. 8	Volunteer at local anti-violence organisations and outreach programmes. 9	

	Encourage schools to embrace teamwork outside the classrooms in local communities and businesses. 1	
Look for synergies and build stronger multi-stakeholder partnerships. Share knowledge, expertise, technology and financial resources. 2		
	Teach kids about partnerships through sport. 3	Encourage corporate social responsibility towards projects related to sustainable development in developing countries. 5
Collaborate with organisations that need funding in an area you feel strongly about. 4		
Collaborate with organisations in different countries who share the same goals that you have. 6	<b>17 PARTNERSHIPS FOR THE GOALS</b> 	Show the power of partnerships through documentaries on success stories. 7
Be clear, specific and creative about your social goals. 8	Techno-experts: partner with projects that need technological skills in developing countries. 9	Practice teamwork at home. Share activities among all family members and outside the family. 10



# Handout 4





# 170 ACTIONS

## TO COMBAT CLIMATE CHANGE



# GOAL 1 NO POVERTY



## ACTIONS 1 TO 10 TO COMBAT CLIMATE CHANGE

- ACTION 1** | Donate to sustainable development projects.
- ACTION 2** | Donate old clothes or household items to those in need.
- ACTION 3** | Donate to organizations that support climate migrants.
- ACTION 4** | Get involved in your local association that helps homeless and people living in poverty.
- ACTION 5** | Participate in car sharing.
- ACTION 6** | Support affordable public transportation.



- ACTION 7** | Support better climate refugee policy and treatment.
- ACTION 8** | Donate to organizations promoting the rights of Indigenous people whose livelihoods are disproportionately affected by climate change.
- ACTION 9** | Encourage subsistence models for food security.
- ACTION 10** | Learn about the intersection between energy, poverty, and the climate.



## GOAL 2 ZERO HUNGER



### ACTIONS 11 TO 20 TO COMBAT CLIMATE CHANGE

**ACTION 11** | Support local farmer's markets and eat local food.

**ACTION 12** | Use a food saving app to encourage no wastage.

**ACTION 13** | Compost to encourage proper soil fertilization in order to stop soil erosion.

**ACTION 14** | Minimize red meat and dairy consumption. It contributes greatly to deforestation, which displaces and forcefully evicts many species from their livelihoods.

**ACTION 15** | Eat seasonal fruit and vegetables.



**ACTION 16** | Bottle, can or freeze your summer foods for winter.

**ACTION 17** | Buy organic food.

**ACTION 18** | Check the ingredients and labels on your food because some ingredients are more harmful for the environment than others.

**ACTION 19** | Grow your own home garden.

**ACTION 20** | Advocate for healthy and nutritious food in school cafeterias.



# GOAL 3 GOOD HEALTH AND WELL BEING



## ACTIONS 21 TO 30 TO COMBAT CLIMATE CHANGE

- ACTION 21** | Reduce CO<sub>2</sub> emissions in order to decrease pollution levels. Poor air quality is bad for your lungs!
- ACTION 22** | Avoid consuming highly processed foods.
- ACTION 23** | Encourage the production and consumption of organic goods.
- ACTION 24** | Walk or use your bicycle instead of a car, because it is better for your health and reduces congestion within a city.
- ACTION 25** | Educate yourself on alternative protein sources such as nuts, lentils, and leafy greens.



- ACTION 26** | Use the stairs instead of the elevator/escalator.
- ACTION 27** | Be more mindful of your natural surroundings.
- ACTION 28** | Switch off your electronic devices to lower energy consumption and enjoy the real world.
- ACTION 29** | Discover green areas around your neighbourhood.
- ACTION 30** | Go "plogging" (jogging while picking up trash).





# GOAL 4 QUALITY EDUCATION



## ACTIONS 31 TO 40 TO COMBAT CLIMATE CHANGE

**ACTION 31** | Educate yourself on how to recycle properly.

**ACTION 32** | Read a book about climate change or listen to a podcast on environmental issues.

**ACTION 33** | Share your environmental tips with friends and family.

**ACTION 34** | Watch a documentary about the environmental impact of the food industry.

**ACTION 35** | Use social media to share climate-related information and spread awareness.



**ACTION 36** | Talk about the importance of nature, animals and environmental protection with your children.

**ACTION 37** | Share ideas for sustainable behavioral change to friends and family who don't know where to start.

**ACTION 38** | Join networks with environmentally-sensitive people to exchange tips and experiences.

**ACTION 39** | Organize or take part in an environmental world cafe.

**ACTION 40** | Participate in an environmental committee at your school or workplace.



# GOAL 5 GENDER EQUALITY



## ACTIONS 41 TO 50 TO COMBAT CLIMATE CHANGE

**ACTION 41** | Be aware of gender parity when supporting sustainable development projects.

**ACTION 42** | Support sustainable, female-owned businesses.

**ACTION 43** | Gender equality starts at home. Involve all members of the family in eco-household activities, such as recycling, independently of their gender.

**ACTION 44** | Donate to organizations that support female green entrepreneurs.

**ACTION 45** | Encourage family planning to minimize your ecological footprint.

**ACTION 46** | Engage in conversations about the role of women and men in the environmental arena.

**ACTION 47** | Promote women's role in conservation and sustainable development.

**ACTION 48** | Support projects that make water more accessible because women are often responsible for water collection.

**ACTION 49** | Educate yourself about ecofeminist perspectives and how they can be valuable to sustainable climate action.

**ACTION 50** | Advocate for increased gender representation among environmental policy makers.



# GOAL 6 CLEAN WATER AND SANITATION



## ACTIONS 51 TO 60 TO COMBAT CLIMATE CHANGE

- ACTION 51** | Use a reusable water bottle to avoid plastic waste.
- ACTION 52** | Buy shampoo and/or soap bars instead of using toiletries in plastic bottles.
- ACTION 53** | Use natural detergents to clean your house.
- ACTION 54** | Switch your plastic toothbrush out for a bamboo one and turn off the tap while you are brushing your teeth.
- ACTION 55** | Wash your hands.



- ACTION 56** | Choose clothing made of organic fibre instead of synthetic-made items because they release microplastics when washed.
- ACTION 57** | Take shorter showers. You can sing outside too!
- ACTION 58** | Research how to make homemade dishwasher products and try it for yourself.
- ACTION 59** | Advocate for the right to clean water.
- ACTION 60** | Educate yourself on how chemical products can contaminate water resources.



## GOAL 7 AFFORDABLE AND CLEAN ENERGY



### ACTIONS 61 TO 70 TO COMBAT CLIMATE CHANGE

**ACTION 61** | Consider switching to a green energy provider.

**ACTION 62** | Vote for leaders that promote renewable energy.

**ACTION 63** | Invest in solar energy.

**ACTION 64** | Inform yourself about where your electricity comes from and how it is produced.

**ACTION 65** | Replace incandescent lights with LEDs because they are more energy-efficient.



**ACTION 66** | Adjust your heating to the necessary temperature.

**ACTION 67** | Install a solar panel for your home.

**ACTION 68** | Be aware of the energy your home consumes.

**ACTION 69** | Improve the insulation of your house.

**ACTION 70** | Encourage the government to subsidise renewable energy production.



# GOAL 8 DECENT WORK AND ECONOMIC GROWTH



## ACTIONS 71 TO 80 TO COMBAT CLIMATE CHANGE

**ACTION 71** | Talk to your employer about the economic advantages of sustainable practices and green investments.

**ACTION 72** | Make people aware of the fact that climate change will have economic consequences.

**ACTION 73** | If you start a business make sure it operates sustainably.

**ACTION 74** | Support better working conditions for agricultural workers.

**ACTION 75** | Run or attend a workshop on how to integrate sustainable business practices into the global market.



**ACTION 76** | Buy fairtrade products.

**ACTION 77** | Become a micro lender to empower green entrepreneurs.

**ACTION 78** | Buy products from companies with a lower carbon footprint.

**ACTION 79** | Advocate for corporate social responsibility.

**ACTION 80** | Support local communities' involvement in park management and protection.



# GOAL 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



## ACTIONS 81 TO 90 TO COMBAT CLIMATE CHANGE

**ACTION 81** | Invest in innovative green technologies.

**ACTION 82** | Advocate for fossil fuel divestment by both corporations and institutions.

**ACTION 83** | Support green startups in your city.

**ACTION 84** | Lobby for the installation of recycling stations in your town.

**ACTION 85** | When upgrading your technology or appliances, donate your old devices because their parts may still be of use.

**ACTION 86** | Support sustainable waste management programs in your city.

**ACTION 87** | Assess the carbon footprint of your workplace.

**ACTION 88** | Advocate for your city/town to install more electric car charging stations.

**ACTION 89** | Think entrepreneurially, your next idea could help. Believe in it.

**ACTION 90** | In order to improve your city's air quality, turn empty rooftops into green spaces.



# GOAL 10 REDUCED INEQUALITIES



## ACTIONS 91 TO 100 TO COMBAT CLIMATE CHANGE

**ACTION 91** | Buy locally made products.

**ACTION 92** | Share electrical items with people around your neighbourhood.

**ACTION 93** | Give a voice to climate migrants. You could do this by interviewing them on radio stations or allowing them to write columns in newspapers.

**ACTION 94** | Help food banks and homeless centres to offer nutritious and sustainable food.

**ACTION 95** | Learn about and advocate against climate injustices.



**ACTION 96** | Ask for affordable organic food options at your local grocery stores.

**ACTION 97** | Write an inclusive sustainability blog to bring awareness to how climate change is affecting diverse groups.

**ACTION 98** | Increase awareness of the negative impacts climate change has on poor communities.

**ACTION 99** | Donate to sustainable initiatives that aim to eliminate malnutrition and food insecurity.

**ACTION 100** | Have conversations about how changes in the environment are affecting communities.



# GOAL 11 SUSTAINABLE CITIES AND COMMUNITIES



## ACTIONS 101 TO 110 TO COMBAT CLIMATE CHANGE

- ACTION 101** | Advocate for more and safer bike lanes.
- ACTION 102** | Lobby for more green spaces in your area such as parks and forests.
- ACTION 103** | Include underprivileged households in the decision-making process of the city's green policies.
- ACTION 104** | Turn off all your lights when you are no longer using them.
- ACTION 105** | Support the elimination of single-use plastics in your community.



- ACTION 106** | Generate awareness about your city's environmental footprint.
- ACTION 107** | Take public transport and leave your car at home as much as you can.
- ACTION 108** | Sponsor and participate in the building of an urban community garden.
- ACTION 109** | Organize or participate in a flea market & give old things a new life.
- ACTION 110** | Protect natural landscapes from unsustainable infrastructure developments in cities.





# GOAL 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



## ACTIONS 111 TO 120 TO COMBAT CLIMATE CHANGE

**ACTION 111** | Buy second hand items to give it a longer life.

**ACTION 112** | Reduce, Reuse and Recycle.

**ACTION 113** | Buy clothing made of reused or recycled materials.

**ACTION 114** | Support local businesses working with local materials.

**ACTION 115** | Get your food in zero-waste stores.



**ACTION 116** | Stop using plastic straws and buy a metal or bamboo one, or even better, stop using them at all.

**ACTION 117** | Buy organic cotton and other more earth friendly materials.

**ACTION 118** | Favor eco-tourism for your next vacation.

**ACTION 119** | Repair your clothes instead of buying new ones.

**ACTION 120** | Donate your clothes instead of throwing them away.



# GOAL 13 CLIMATE ACTION



## ACTIONS 121 TO 130 TO COMBAT CLIMATE CHANGE

**ACTION 121** | Donate to organizations involved in fighting climate change.

**ACTION 122** | Learn about how to properly dispose of your refrigerators and air conditioners. These both contain very harmful greenhouse gases that contribute to climate change if released into the atmosphere.

**ACTION 123** | Get involved in your community and organize climate actions and eco-friendly initiatives.

**ACTION 124** | Use your social media platform to promote and raise awareness about the climate crisis.

**ACTION 125** | Dispel climate myths. Teach people what separates fact from fiction.



**ACTION 126** | Organize green initiatives in your workplace.

**ACTION 127** | Minimize your air travel. If you have to fly, try to purchase UN-certified carbon offsets.

**ACTION 128** | Talk to your friends and family and make them aware of how everyone can do their part to help combat the climate crisis.

**ACTION 129** | Research. Engage. Innovate. We need climate action in all fields.

**ACTION 130** | Understand why action is needed - read and learn about the climate crisis and the actions that you can take to make a change.



## GOAL 14 LIFE BELOW WATER



### ACTIONS 131 TO 140 TO COMBAT CLIMATE CHANGE

**ACTION 131** | Engage in projects that protect coral reefs.

**ACTION 132** | Support efforts to clean up the ocean's garbage patch by donating to organizations committed to such work.

**ACTION 133** | Clean up a beach close to you with friends and family.

**ACTION 134** | Conserve water! Turn off running taps and fix them if they leak.

**ACTION 135** | Don't pollute the lakes, rivers and oceans around you.

**ACTION 136** | Try to buy fish or seafood coming from a sustainable source.

**ACTION 137** | Use natural mineral sunscreen. Many sunscreens contain chemicals that are harmful for life below water.

**ACTION 138** | Don't buy products containing microplastics.

**ACTION 139** | When you dive, dive responsibly! Don't disturb the wildlife.

**ACTION 140** | If you are a farmer, avoid practices that lead to chemical run-off.



## GOAL 15 LIFE ON LAND



### ACTIONS 141 TO 150 TO COMBAT CLIMATE CHANGE

**ACTION 141** | Advocate for the enhanced protection of wildlife habitats.

**ACTION 142** | Support the creation of more protected areas in your country.

**ACTION 143** | Practice responsible wildlife tourism.

**ACTION 144** | Donate to conservation projects.

**ACTION 145** | Do not buy products made from threatened species such as ivory.

**ACTION 146** | Don't litter!

**ACTION 147** | Leave plants and trees in their natural habitat.

**ACTION 148** | Don't consume meals made with endangered species.

**ACTION 149** | Lobby against poaching.

**ACTION 150** | Plant trees.



# GOAL 16 PEACE, JUSTICE AND INSTITUTIONS



## ACTIONS 151 TO 160 TO COMBAT CLIMATE CHANGE

**ACTION 151** | Bring awareness to the harmful practices of deforestation and land grabbing.

**ACTION 152** | Form inclusive social networking campaigns for climate change engagement.

**ACTION 153** | Support legally-binding international environmental standards.

**ACTION 154** | Before voting on environmental issues, educate yourself.

**ACTION 155** | If you work for an international organization, work to de-escalate conflicts caused by climate change.

**ACTION 156** | Encourage governments to better understand the plight of climate migrants.

**ACTION 157** | Participate in or encourage your local government to incorporate public participation in environmental decision-making in your area.

**ACTION 158** | Be a responsible steward of natural resources to avoid appropriation and exploitation.

**ACTION 159** | Where possible, hold your government accountable to its climate targets.

**ACTION 160** | Converse with people who are marginalized by climate injustices.

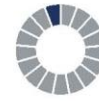


# GOAL 17 PARTNERSHIPS FOR THE GOALS



## ACTIONS 161 TO 170 TO COMBAT CLIMATE CHANGE

- ACTION 161** | Bring sustainable values into your workplace.
- ACTION 162** | Encourage green innovation initiatives.
- ACTION 163** | Get your workplace or school to collaborate with environmental organizations.
- ACTION 164** | Promote intergenerational climate cooperation in global policy.
- ACTION 165** | Involve underrepresented groups in the environmental discussion.



- ACTION 166** | Highlight consumer behaviour as a powerful force behind demand.
- ACTION 167** | Integrate environmental science in other disciplines in schools.
- ACTION 168** | Encourage knowledge sharing from indigenous population about best eco-friendly practices.
- ACTION 169** | Be brave and start your own initiatives.
- ACTION 170** | Be curious. Stay informed.



# Activity



# Handout 5





# Sustainable Development Goals Applications

- Attendees are divided into groups of 3 based on disciplines.
- They are required to develop application of SDGs in Teaching, Research and Community Service based on the 170 Actions to Transform the World.
- Applications are presented and discussed with the group.



# Sustainable Development Goals Applications

## 1- Teaching

- Names:
- Discipline (s):
- Targeted SDG: 1-17
- Targeted Area: **Teaching** – Research – Community Service
- Title of application:
- Description:

# Sustainable Development Goals Applications

## 2- Research

- Names:
- Discipline (s):
- Targeted SDG: 1-17
- Targeted Area: Teaching – **Research** – Community Service
- Title of application:
- Description:

# Sustainable Development Goals Applications

## 3- Community Service

- Names:
- Discipline (s):
- Targeted SDG: 1-17
- Targeted Area: Teaching – Research – **Community Service**
- Title of application:
- Description:

# Presentations by Trainees



# SDGs in Action: Classroom Ideas

- **Textbook Selection:**
  - Search for a useful textbook to use for teaching SDGs in your field.
- **Interdisciplinary Connections:**
  - Suggest interdisciplinary linkages to address one or multiple SDGS.
- **"My" SDG Assignment:**
  - Each student is assigned a sustainable development goal at the beginning of the class or semester.

# SDGs in Action: Classroom Ideas

- **Current Events Reporting:**
  - Write reports on current international or national events.
- **SDGs in the News Journal:**
  - A personal journal throughout a semester enables either general observation of the SDGs in a student's personal life or through media, or specific observation focused on one SDG per week for the duration of the semester.

# How you can connect the SDGs to a course you teach?

- Identify sustainability related courses in your department
- Consider adding sustainability as a topic within your class,
- Explore syllabi from across campus connected to sustainability and the SDGs
- Develop a class with a focus on sustainability framed through the SDGs
- Include activities that benefit or increase awareness of SDGs



# Connect with GU Community

- Share what you are currently doing to include the SDGs in your course(s) with the GU Sustainability Office
- Join the SDG Working Group to develop further resources for GU faculty and students
- Mentor a student group for co-curricular engagement with the SDGs
- Explore relevant committees within your department to make recommendations for additional engagement
- Encourage undergraduate students to explore graduate programs that focus on the SDGs

# ACT NOW



# 2030 Agenda for Sustainable Development



# 2030 Agenda for Sustainable Development

- The interlinkages and integrated nature of the Sustainable Development Goals are of crucial importance in ensuring that the purpose of the new Agenda is realized.



# 2030 Agenda for Sustainable Development

1. **People** We are determined to end poverty and hunger, in all their forms and dimensions, and to ensure that all human beings can fulfil their potential in dignity and equality and in a healthy environment.



# 2030 Agenda for Sustainable Development

2. **Planet** We are determined to protect the planet from degradation, including through sustainable consumption and production, sustainably managing its natural resources and taking urgent action on climate change, so that it can support the needs of the present and future generations.



# 2030 Agenda for Sustainable Development

3. **Prosperity** We are determined to ensure that all human beings can enjoy prosperous and fulfilling lives and that economic, social and technological progress occurs in harmony with nature.



# 2030 Agenda for Sustainable Development

4. **Peace** We are determined to foster peaceful, just and inclusive societies which are free from fear and violence. There can be no sustainable development without peace and no peace without sustainable development.





# 2030 Agenda for Sustainable Development

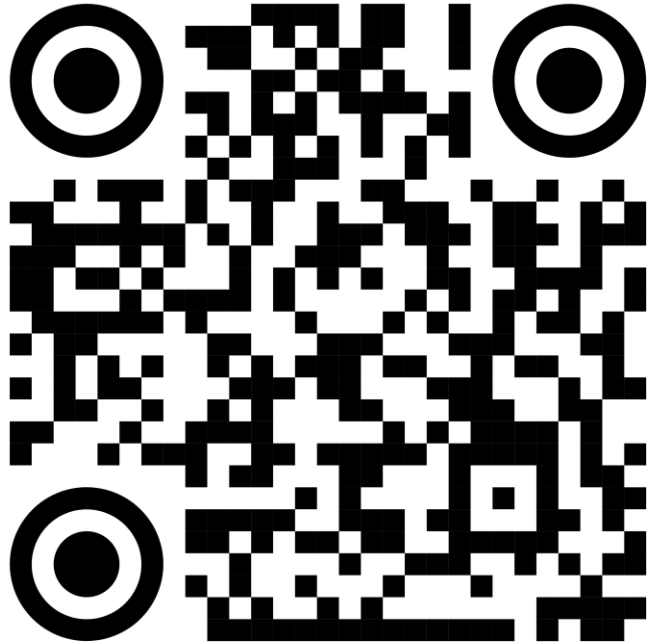
5. **Partnership** We are determined to mobilize the means required to implement this Agenda through a revitalized Global Partnership for Sustainable Development, based on a spirit of strengthened global solidarity, focused in particular on the needs of the poorest and most vulnerable and with the participation of all countries, all stakeholders and all people.



# GAPMINDER



# GAPMINDER



<https://www.gapminder.org/>

# GAPMINDER

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## You are probably wrong about



Domestic work



Global warming



Plastic in oceans



Life satisfaction



Global  
collaborations



Extreme poverty

We have tested thousands of people and they were systematically wrong about all this.

<https://www.gapminder.org/>

Dr. Yasser Mahgoub – S&E Office

# Handout 6



# Board Game



# SUSTAINABLE DEVELOPMENT GOALS

The purpose of the 90 GOALS! game is to help you understand the Sustainable Development Goals, how they impact your life and what you can do every day to help achieve the 17 Goals by 2030. Let's play together to make the world a better place!  
[www.go-goals.org](http://www.go-goals.org)



# Cards Game





**1** NO  
POVERTY



*Climate change threatens to undo how many years of progress in poverty reduction?*

- a) 10 years
- b) 25 years
- c) 50 years**



**2** ZERO HUNGER



*How much food waste does the world produce every year?*

- a) 1 Thousand Tons
- b) 1 Million Tons
- c) 1 Billion Tons**





## GOOD HEALTH AND WELL-BEING



*One in three outbreaks of new diseases is linked to:*

- a) Population displacement
- b) Deforestation and land use changes
- c) Accidents in research labs





## QUALITY EDUCATION



*In India, in exchange for which item can some low-income families pay for their children's school?*

- a) Glass bottles
- b) Compost from their organic waste**
- c) Plastic waste





## GENDER EQUALITY



How many women are farm owners in the world?

a) 52%

b) 13%

c) 75%





## CLEAN WATER AND SANITATION



*The percentage of freshwater resources  
devoted to crops and livestock production in  
2020 was?*

- a) 25%
- b) 55%
- c) 75%**



7

## AFFORDABLE AND CLEAN ENERGY



*Energy is the main contributor to climate change, producing:*

- a) 30% of greenhouse gases
- b) 50% of greenhouse gases
- c) 60% of greenhouse gases





## DECENT WORK AND ECONOMIC GROWTH



Which sector is predicted to be most affected by rising temperatures and climate change by 2030?

- a) Agriculture
- b) Tourism
- c) Construction





9

## INDUSTRY, INNOVATION AND INFRASTRUCTURE



In 2019 developed countries invested \$130 billion in renewable energy, how much did developing countries invest?

- a) \$25 billion
- b) \$50 billion
- c) \$150 billion





## REDUCED INEQUALITIES



*Why are poorer communities more vulnerable to natural disasters?*

- a) Because authorities protect the richest areas first
- b) Because they live in coastal areas
- c) Because they often have larger families that are difficult to vacuate





## SUSTAINABLE CITIES AND COMMUNITIES



### What is Oceanix?

a) *A comic character created by the UN in*

a) A comic character created by the UN in charge of saving the oceans.

b) The God of the Sea in Greek mythology.

c) A floating city that can offer solutions to climate change.



12

## RESPONSIBLE CONSUMPTION AND PRODUCTION



*Earth Overshoot Day, the day when humanity has consumed nature's renewable "budget" of resources for the year, was 1st November in 2000.  
When was Overshoot Day in 2020?*

- a) 31 December
- b) 27 September
- c) 22 August**





## CLIMATE ACTION



*How much has funding for climate change adaptation increased in recent years?*

- a) 35%
- b) 15%
- c) 55%



14

## LIFE BELOW WATER



*The ocean is called "the lungs of the planet" because:*

- a) The flow of the waves matches the rhythms of human breathing
- b) Half of the oxygen on earth is produced by plankton
- c) The ocean provides oxygen for marine creatures



**15** LIFE ON LAND



*How many people in the world depend on forests for subsistence and income?*

- a) One in 5
- b) One in 50
- c) One in 500



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## PEACE, JUSTICE AND STRONG INSTITUTIONS



*Court cases against governments or private companies for climate inaction are rising. In early 2020, how many cases were filed in the world?*

a) 1,550

b) 155

c) 15







## PARTNERSHIP FOR THE GOALS



*What does COP stand for?*

- a) Conference of the public
- b) Change of policy
- c) Conference of the parties



## 1 NO POVERTY

How many more people could fall into poverty by 2030 because of climate change?

- a) 12 million
- b) 120 million
- c) 1.2 million



## 2 ZERO HUNGER

We should eat less meat because:

- a) The meat industry is one of the leading sources of CO2 emissions
- b) The meat industry does not pay taxes
- c) The meat industry is not productive enough



## 3 GOOD HEALTH AND WELL-BEING

Air pollution is one of the most important environmental health risks of our time and is responsible for:

- a) 1 in 50 deaths
- b) 1 in 900 deaths
- c) 1 in 9 deaths



## 4 RESPONSIBLE CONSUMPTION AND PRODUCTION

According to UNEP, what percentage of masks used during the pandemic will end in landfills?

- a) None
- b) Half of them
- c) 75%



## 4 QUALITY EDUCATION

Education on climate change aims to:

- a) Provide assistance to schools affected by floods
- b) Increase renewable energy production in schools
- c) Raise awareness about the climate



## 5 GENDER EQUALITY

Why are rural women more affected by climate change than men?

- a) Because they are weaker
- b) Because they don't have insurance policies
- c) Because they produce 60% to 80% of the crops



## 6 CLEAN WATER AND SANITATION

It is estimated that an individual needs between 50 and 100 litres of water per day. What is the average daily water consumption in Mali?

- a) 11 litres
- b) 21 litres
- c) 51 litres



## 7

Bees are essential to life on earth?

What is the main product of the production of fruits, nuts, and seeds?

What behaviour can indicate a change in climate?

What is the main product of bees? (e.g. honey, a highly nutritious food for many species)



## 7 AFFORDABLE AND CLEAN ENERGY

Which country uses 100% renewable energy?

- a) Iceland
- b) Costa Rica
- c) Burkina Faso



## 8 DECENT WORK AND ECONOMIC GROWTH

The transition to a low greenhouse gas economy is expected to lead to:

- a) A loss of 15% of jobs
- b) A net creation of jobs
- c) A loss of 30% of jobs



## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

The building industry is one of the biggest energy consumers in the world. What percentage of global energy use is this sector accountable for?

- a) 20%
- b) 40%
- c) 50%



# STAINABLE DEVELOPMENT GOALS

## 1 NO POVERTY



In the poorest countries, climate change will push millions of people into extreme poverty because of:

- a) Reduced agricultural yields and higher food prices
- b) Governments switching to a greener economy
- c) Falling oil prices



## 2 ZERO HUNGER



How many people faced critical food insecurity because of conflicts, economic crises, and climate change in 2020?

- a) 55 million
- b) 155 million
- c) 5 million



## 3 GOOD HEALTH AND WELL-BEING



How does global warming accelerate the transmission of disease by mosquitoes?

- a) Sudden changes in temperature accelerate the biting rate of mosquitoes
- b) Drought allows the diseases to spread to new areas
- c) Rising temperatures speed up the maturation process of the parasites they carry



## 4 RESPONSIBLE CONSUMPTION AND PRODUCTION



Is fast fashion sustainable?

- Yes, because people are all wearing the same clothes
- No, because it's responsible for huge amounts of water waste, water pollution and greenhouse gas emissions
- Maybe, because it provides cheap clothing for all



## 4 QUALITY EDUCATION



Education is crucial in the context of climate change because:

- a) It promotes action and helps people understand and address climate change
- b) Educated people can migrate more easily and escape the impact of climate change
- c) Education provides more job opportunities



## 5 GENDER EQUALITY



In what year did the Commission on the Status of Women consider climate change an obstacle to gender equality?

- a) 1998
- b) 2004
- c) 2008



## 6 CLEAN WATER AND SANITATION



It is estimated that an individual needs between 50 and 100 litres of water per day. What is the average daily water consumption in the US?

- a) Around 100 litres
- b) Around 250 litres
- c) Around 600 litres



## 7



How many species are threatened with extinction?

- a) 10,000
- b) 100,000
- c) 1,000,000



## 7 AFFORDABLE AND CLEAN ENERGY



Despite their apparent will to promote renewable energy, what are countries doing that is counterproductive?

- a) They subsidize the fossil fuel industry to the tune of \$5.2 trillion per year
- b) They cut investment in wind power in half in the last 5 years
- c) They can't agree on the benefits of biomass energy (because of the combustion process)



## 8 DECENT WORK AND ECONOMIC GROWTH



How many 'Green Jobs' does forestry provide in the world?

- a) 450,000
- b) 9 Million
- c) 90 Million



## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Data centres, which are the basis of the internet network, are energy intensive. A medium-sized data centre (10,000 m<sup>2</sup>) consumes on average as much energy as ...

- a) A city of 5,000 inhabitants
- b) A city of 50,000 inhabitants
- c) A city of 500,000 inhabitants



# STAINABLE DEVELOPMENT GOALS

## 1 NO POVERTY

What does the concept of resilience mean in the context of climate change?

- Acceptance of the consequences of climate change
- The ability to anticipate, prepare for, and respond to the consequences of climate change
- Support from the international community to countries affected by climate change



## 2 ZERO HUNGER

What percentage of the world's population is affected by soil pollution, leading to reduced crop yields or yields unsuitable for consumption?

- 20%
- 40%
- 50%



## 4 QUALITY EDUCATION

How does climate change affect education?

- Students are losing days at school because they are joining climate protests
- Extreme weather events destroy or damage school buildings
- Large number of teachers in affected countries are migrating



## 5 GENDER EQUALITY

In a 2019 UN Security Council debate, how many states recognized the importance of gender in responding to climate-related security risks?

- 5 out of 75
- 32 out of 75
- 58 out of 75



## 7 AFFORDABLE AND CLEAN ENERGY

Who said that the world should end the "deadly addiction to coal"?

- António Guterres, UN Secretary General
- Greta Thunberg, climate activist
- Tedros Adhanom Ghebreyesus, head of the World Health Organisation



## 8 DECENT WORK AND ECONOMIC GROWTH

What is a green job?

- A job that contributes to the preservation or restoration of the environment
- A job in the forest management field
- A job that can only be done outdoors



## 3 GOOD HEALTH AND WELL-BEING

What can improve your health and fight climate change at the same time?

- Driving an electric car with ergonomic seats
- Walking or riding a bike
- Wearing compression socks during long distance flights



## 6 CLEAN WATER AND SANITATION

By 2050, how many people could be living in areas where water is scarce for at least one month a year?

- Up to 57 million
- Up to 570 million
- Up to 5.7 billion



## 9 RESPONSIBLE CONSUMPTION AND PRODUCTION

100 streaming consumption emits 300 tons of CO2 per year. This is equivalent annual greenhouse gas emissions of which country?

- Sudan
- Spain
- South Korea



## 10 CLIMATE ACTION

What is the impact of climate change on chocolate?

- Beans will be too hot to handle
- Cacao plant may disappear if global warming is not reversed
- Chocolate production will become more expensive due to higher temperatures



# SUSTAINABLE DEVELOPMENT GOALS

## 1 NO POVERTY

According to the World Bank, what is extreme poverty?

- a) Living on less than \$1.9 a day
- b) Being deprived of food longer than one day per week
- c) Being unemployed



## 2 ZERO HUNGER

What is the percentage of global greenhouse gas emissions from food waste globally?

- a) 0.5%
- b) 2%
- c) 8%



## 3 GOOD HEALTH AND WELL-BEING

How many plastic particles do we ingest per week due to plastic pollution in the environment?

- a) The equivalent of a pen cap
- b) The equivalent of a credit card
- c) The equivalent of a large water bottle



## 4 QUALITY EDUCATION

Which UN organisation is responsible for promoting "education for climate action"?

- a) UNESCO - The United Nations Educational, Scientific and Cultural Organization
- b) UNICEF - The United Nations Children's Fund
- c) UNHCR - The UN Refugee Agency



## 5 GENDER EQUALITY

Women are now running pastoralist communities in Sudan due to the impacts of climate change. Why?

- a) Men are more vulnerable to disasters; they are the last to be rescued and therefore the first to die
- b) Men tend to migrate for work, while women stay in the village all year round
- c) Women tend to fight and speak up more against climate-related injustices



## 6 CLEAN WATER AND SANITATION

How many children under the age of five die of diarrhoeal diseases every day worldwide due to lack of appropriate water and sanitation services?

- a) 7 per day
- b) 70 per day
- c) 700 per day



## 7 AFFORDABLE AND CLEAN ENERGY

What does "mitigation" mean in the field of global warming?

- a) Climate change mitigation refers to efforts to reduce or prevent emission of greenhouse gases.
- b) Having both clean and fossil energy sources in almost equal proportions
- c) Back-tracking in the move towards more sustainable energy



## 8 DECENT WORK AND ECONOMIC GROWTH

What are the characteristics of the green economy?

- a) Low carbon, resource efficient and socially inclusive
- b) Sourcing all materials from protected areas
- c) Producing at least 50% of organic material



## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

What is a positive energy building?

- a) A building that doesn't need to outsource its energy
- b) The primary energy consumption is equal to less than the energy supplied to the building
- c) A building that gives inhabitants a sense of positivity and purpose



## RESPONSIBLE CONSUMPTION AND PRODUCTION

What is a vegan?

- one who does not eat animal products
- one who restricts their diet based on beliefs
- one who does not eat broccoli



## CLIMATE



What is the main driver of deforestation?

- agricultural expansion (palm oil, cattle and soy)
- urban expansion (palm oil, cattle and soy)
- living space for people to live



# SUSTAINABLE DEVELOPMENT GOALS

# SDG

## Goal of the Month



# GOAL OF THE MONTH



Goal of the Month  
Every month we will announce one SDG  
goal to be our target for the month.

Dr. Yasser Mahgoub – S&E Office

# Workshop Assessment



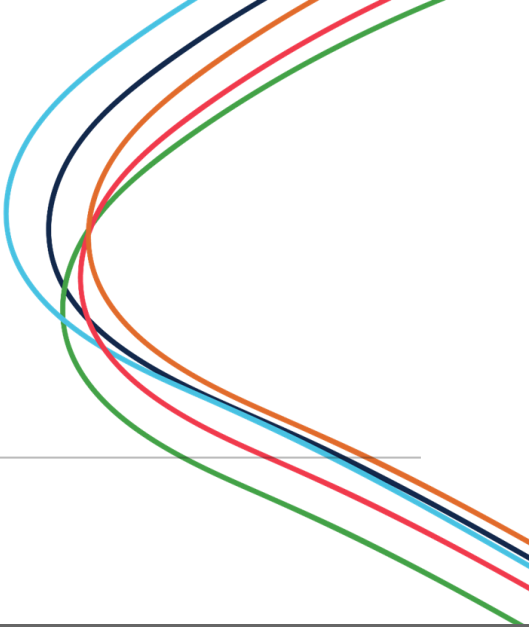


# Workshop Assessment

Provide the participants with:

- New knowledge and common understanding about the sustainable development goals.
- Understand the need for a sustainable transformation.
- Thoughts and ideas on how to contribute, as individual, but not least as leader and employee.
- Understanding about investment opportunities and how investors think about sustainability.
- Create a foundation to upscale sustainable business models.
- Approach new networks and target groups with your new topics.

# Contact Information



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# Thank You



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