



**TALScouts**<sup>TM</sup>  
GUIDING YOUTH TO SERVE

M A S T E R C L A S S



# Clean **water** and sanitation



DESPITE PROGRESS,  
**BILLIONS STILL LACK**  
WATER AND SANITATION SERVICES



**2.2 BILLION PEOPLE**  
**LACK SAFELY MANAGED**  
**DRINKING WATER**  
[2017]



**4.2 BILLION PEOPLE**  
**LACK SAFELY MANAGED**  
**SANITATION**  
[2017]



**Ensure availability  
and sustainable  
management of water  
and sanitation for all**



The UN explains: "Clean water is a basic human need, and one that should be easily accessible to all. There is sufficient fresh water on the planet to achieve this. However, due to poor infrastructure, investment and planning, every year millions of people — *most of them children* — die from *diseases associated with* inadequate water supply, sanitation and hygiene."

The COVID-19 pandemic has demonstrated the critical importance of sanitation, hygiene and adequate access to clean water for preventing and containing diseases. *Hand hygiene saves lives*. According to the World Health Organization, *handwashing is one of the most effective actions you can take* to reduce the spread of pathogens and prevent infections, including the COVID-19 virus. Yet billions of people still lack safe water sanitation, and funding is inadequate.

## A Human Right

Access to clean water is a human right. Ensuring access to clean water and sanitation is usually a responsibility of local governments, and relies on effective local governance, natural resource management, and urban planning



## FACTS AND FIGURES :



- 1 in 4 health care facilities lacks basic water services
- 3 in 10 people lack access to safely managed drinking water services and 6 in 10 people lack access to safely managed sanitation facilities.
- At least 892 million people continue to practice open defecation.
- Women and girls are responsible for water collection in 80 per cent of households without access to water on premises.
- Between 1990 and 2015, the proportion of the global population using an improved drinking water source has increased from 76 per cent to 90 per cent
- Water scarcity affects more than 40 per cent of the global population and is projected to rise. Over 1.7 billion people are currently living in river basins where water use exceeds recharge.
- 2.4 billion people lack access to basic sanitation services, such as toilets or latrines
- More than 80 percent of waste water resulting from human activities is discharged into rivers or sea without any pollution removal
- Each day, nearly 1,000 children die due to preventable water and sanitation-related diarrheal diseases
- Approximately 70 percent of all water abstracted from rivers, lakes and aquifers is used for irrigation
- Floods and other water-related disasters account for 70 percent of all deaths related to natural disasters







## ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL



**785 MILLION**  
PEOPLE REMAIN  
WITHOUT EVEN  
**BASIC DRINKING WATER**  
SERVICES (2017)



**2 OUT OF 5 PEOPLE**  
WORLDWIDE  
DO NOT HAVE  
= A BASIC =  
HANDWASHING  
FACILITY WITH  
SOAP AND WATER  
AT HOME (2017)

**1 OUT OF 4**

HEALTH-CARE FACILITIES  
WORLDWIDE LACK BASIC  
DRINKING WATER SERVICES  
(2016)



BY 2030,  
**700 MILLION**  
PEOPLE COULD BE  
DISPLACED BY  
**INTENSE**  
WATER SCARCITY

**673 MILLION**  
PEOPLE (9% OF THE  
GLOBAL POPULATION)  
STILL PRACTISE  
OPEN DEFECATION  
(2017)

THE MAJORITY OF THEM  
ARE IN SOUTHERN ASIA



**2 BILLION** PEOPLE LIVE  
IN COUNTRIES EXPERIENCING  
HIGH WATER STRESS



## ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

**BILLIONS OF PEOPLE STILL LACK ACCESS TO SAFE DRINKING WATER, SANITATION AND HYGIENE**

**IN 2020**



**2 BILLION PEOPLE**  
**26%**  
LACK  
SAFELY MANAGED  
DRINKING WATER



**3.6 BILLION PEOPLE**  
**46%**  
LACK  
SAFELY MANAGED  
SANITATION



**2.3 BILLION PEOPLE**  
**29%**  
LACK  
BASIC  
HYGIENE

**ENSURING UNIVERSAL ACCESS IS FUNDAMENTAL FOR COVID-19 RECOVERY**



**2.3 BILLION PEOPLE**  
LIVE IN  
**WATER-STRESSED COUNTRIES** (2018)



**BETWEEN 1970 AND 2015, NATURAL WETLANDS SHRANK BY 35% ↓**









**3 x THE RATE OF FOREST LOSS**



**129 COUNTRIES ARE NOT ON TRACK TO HAVE SUSTAINABLY MANAGED WATER RESOURCES BY 2030**

**CURRENT RATE OF PROGRESS NEEDS TO DOUBLE**



<b>TARGET 6-1</b>  SAFE AND AFFORDABLE DRINKING WATER	<b>TARGET 6-2</b>  END OPEN DEFECTION AND PROVIDE ACCESS TO SANITATION AND HYGIENE	<b>TARGET 6-3</b>  IMPROVE WATER QUALITY, WASTEWATER TREATMENT AND SAFE REUSE	<b>TARGET 6-4</b>  INCREASE WATER-USE EFFICIENCY AND ENSURE FRESHWATER SUPPLIES
<b>TARGET 6-5</b>  IMPLEMENT INTEGRATED WATER RESOURCES MANAGEMENT	<b>TARGET 6-6</b>  PROTECT AND RESTORE WATER-RELATED ECOSYSTEMS	<b>TARGET 6-A</b>  EXPAND WATER AND SANITATION SUPPORT TO DEVELOPING COUNTRIES	<b>TARGET 6-B</b>  SUPPORT LOCAL ENGAGEMENT IN WATER AND SANITATION MANAGEMENT





**6.1** By 2030, achieve universal and equitable access to safe and affordable drinking water for all

**6.2** By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

**6.3** By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

**6.4** By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

**6.5** By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

**6.6** By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

**6.A** By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies

**6.B** Support and strengthen the participation of local communities in improving water and sanitation management







# WORLD WATER DAY



**MARCH 22**





How do we achieve the  
**#GlobalGoals** by 2030?

-  Mobilize everyone, everywhere
-  Demand urgency and ambition
-  Design new innovations and solutions



**SUSTAINABLE DEVELOPMENT GOALS**

17 GOALS TO TRANSFORM OUR WORLD



# TAL Social Enterprise Canvas





# Awards and Recognitions

## TRANSFORMERS 2021

1

### Seed Funding

Top 3 innovative winning proposals will be awarded TAL Transformer of the Year 2021 awards and seed funding.

2

### Recognition

All participants will be featured on TAL Scouts webpage as Touch-A-Life young social innovators

3

### Certificate

All participants will be awarded TAL Transformers 2021 Certificate of Participation