



SDG 06: CLEAN WATER



Erasmus+

Marketing
Gate

End extreme poverty. Fight inequality and injustice. Fix climate change. Whoa. The Global Goals are important, world-changing objectives that will require cooperation among governments, international organizations and world leaders. It seems impossible that the average person can make an impact. Should you just give up?

No! Change starts with you!

On 1 January 2016, the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development — adopted by world leaders in September 2015 at an historic UN Summit — officially came into force.



Sustainable Development Goals
COLLABORATION PLATFORM

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY 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 	 THE GLOBAL GOALS For Sustainable Development			12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE AND JUSTICE STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 

Goal 06: Facts and figures

- 2.6 billion people have gained access to improved drinking water sources since 1990, but 663 million people are still without;
- At least 1.8 billion people globally use a source of drinking water that is fecally contaminated;
- Between 1990 and 2015, the proportion of the global population using an improved drinking water source has increased from 76 per cent to 91 per cent;
- But 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 per cent of wastewater 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;
- Hydropower is the most important and widely-used renewable source of energy and as of 2011, represented 16 per cent of total electricity production worldwide;
- Approximately 70 per cent of all water abstracted from rivers, lakes and aquifers is used for irrigation;
- Floods and other water-related disasters account for 70 per cent of all deaths related to natural disasters.

**WATER IS THE
DRIVING FORCE
OF ALL NATURE.**

GOAL 06: Targets

- By 2030, achieve universal and equitable access to safe and affordable drinking water for all
- 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
- 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
- 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
- By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
- By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
- 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
- Support and strengthen the participation of local communities in improving water and sanitation management

WE NEVER KNOW
THE WORTH OF WATER!

OUR WORLD, OUR WATER



FOR **40%** OF PEOPLE IN THE WORLD, **WATER IS SCARCE**

EARTH'S SURFACE
71% WATER



SALTWATER
97.5%



FRESHWATER
2.5%

STORED IN ICE CAPS
68.9%



Only **0.3%**
easy for humans
to get from
LAKES AND RIVERS!

UNDERGROUND
30.8%



- Little or no Water Scarcity
- Physical Water Scarcity
- Approaching Physical Water Scarcity
- Economic Water Scarcity
- Not Estimated

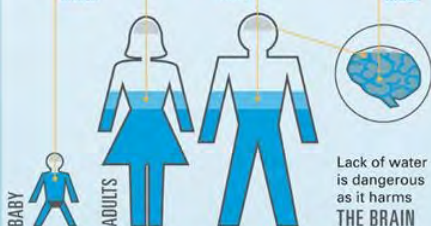
PHYSICAL WATER SCARCITY = physical access to water is limited
ECONOMIC WATER SCARCITY = population does not have the money or resources to source enough water

WATER IS LIFE

74%
WATER

55-75%
WATER

85%
WATER



Lack of water is dangerous as it harms THE BRAIN



NEED **50-100 LITRES** DAILY

FOR:



HOW WE USE WATER

IN LOW-INCOME COUNTRIES
E.G. MALAWI

DOMESTIC
8%



AGRICULTURAL
82%



INDUSTRY
10%



IN HIGH-INCOME COUNTRIES
E.G. IRELAND

DOMESTIC
11%



AGRICULTURAL
30%



INDUSTRY
59%



WATER IS A HUMAN RIGHT

2010
UNITED NATIONS
DECLARED WATER A
HUMAN RIGHT



GOVERNMENTS MUST SUPPLY WATER THAT IS:

- SAFE
- SUFFICIENT
- ACCESSIBLE TO ALL

In a **HUMANITARIAN DISASTER**, a person must:

Have **NO LESS** than **15 LTRS** of water daily for **DRINKING, COOKING & HYGIENE**



WALK NO further than **500 MTRS** from

HOUSEHOLD to water **SOURCE**



QUEUE NO LONGER than **30 MINS** for **WATER**



WATER WE DON'T SEE

WE DON'T JUST DRINK WATER;
WE **EAT** WATER; WE **WEAR** WATER;
WE **CONSUME** WATER. THIS IS OUR **WATER FOOTPRINT**. TO MAKE:



1 x  = **2,500** LITRES OF WATER

1 x  = **208** LITRES OF WATER

1 x  = **2,500** LITRES OF WATER

1 x  = **10** LITRES OF WATER

1 x  = **9,842** LITRES OF WATER



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

BEFORE COVID-19

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]



TWO IN FIVE
HEALTH CARE FACILITIES
WORLDWIDE HAVE
NO
SOAP AND WATER OR
ALCOHOL-BASED
HAND RUB
[2016]



COVID-19 IMPLICATIONS



3 BILLION
PEOPLE WORLDWIDE
LACK BASIC HANDWASHING
FACILITIES AT HOME
↓ ↓ ↓
THE MOST EFFECTIVE METHOD FOR
COVID-19 PREVENTION



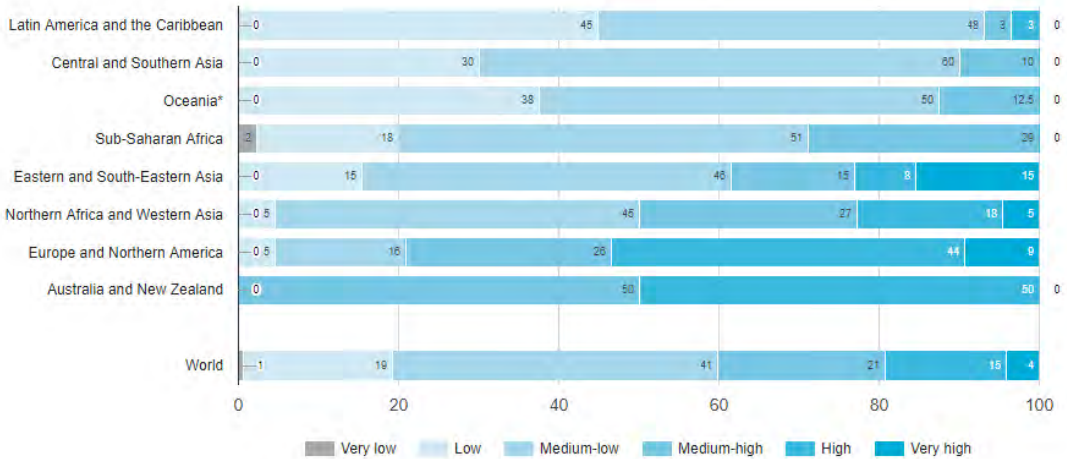
WATER SCARCITY
COULD DISPLACE
700 MILLION PEOPLE
BY 2030



SOME COUNTRIES EXPERIENCE
A FUNDING GAP OF 61% FOR ACHIEVING
WATER AND SANITATION TARGETS

Integrated water resources management is a global framework covering policies, institutions, management instruments and financing for the comprehensive and collaborative management of water resources. Of the 172 countries that reported in 2018, 60 per cent stated very low, low or medium-low levels of implementation.

Proportion of countries by integrated water resources management implementation level, 2018 (percentage)



These countries are unlikely to meet the target of implementing integrated water resources management by 2030. In 2018, the average global score for integrated water resources management implementation was 49 out of 100.

Implementation is particularly slow (very low to medium-low) in around 90 per cent of countries across Latin America and the Caribbean, Central and Southern Asia, and Oceania (excluding Australia and New Zealand), and in 50 per cent to 70 per cent of countries in sub-Saharan Africa, Eastern and South-Eastern Asia, and Northern Africa and Western Asia.

An acceleration of progress is needed in these countries, particularly in the area of revenue raising for sustainable financing.

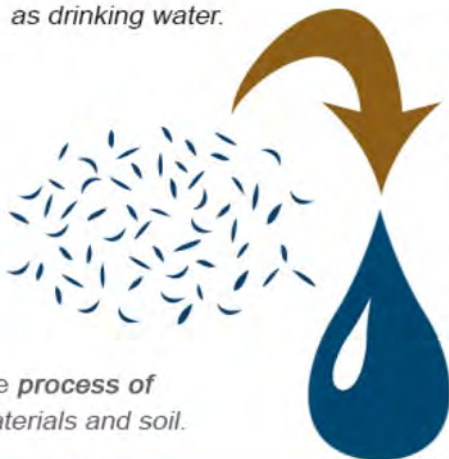
Facts about Water

Ground water accounts for **over 95%** of the nation's available fresh water resources, and is the drinking water source for half the people in this country.

Only **3%** of Earth's water is *fresh* water.



About **40%** of the US population uses *groundwater* as drinking water.



Dewatering is the *process of removing water from solid materials and soil.*



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3 IN 10 PEOPLE LACK ACCESS TO SAFELY MANAGED DRINKING WATER SERVICES

SDG 06: CLEAN WATER

YouABLE

FACTS ABOUT WATER



composes 75% of your brain



makes up 83% of your blood and carries nutrients and oxygen to your cells



moistens oxygen for breathing and helps carry nutrients and oxygen to your cells



helps convert food to energy and regulates body temperature



removes waste and protects and cushions your vital organs



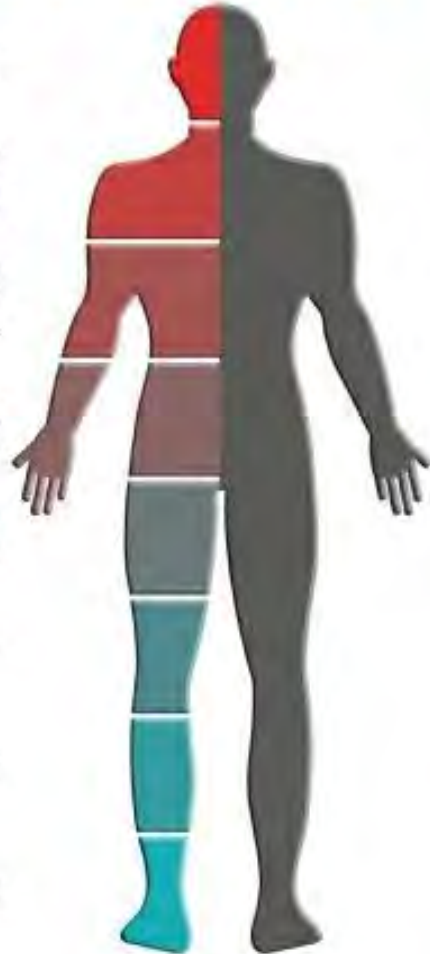
cushions your joints



composes 22% of your bones



makes up 75% of your muscles



Today'sFitnessTrainer.com



2,2 BILLION PEOPLE GLOBALLY

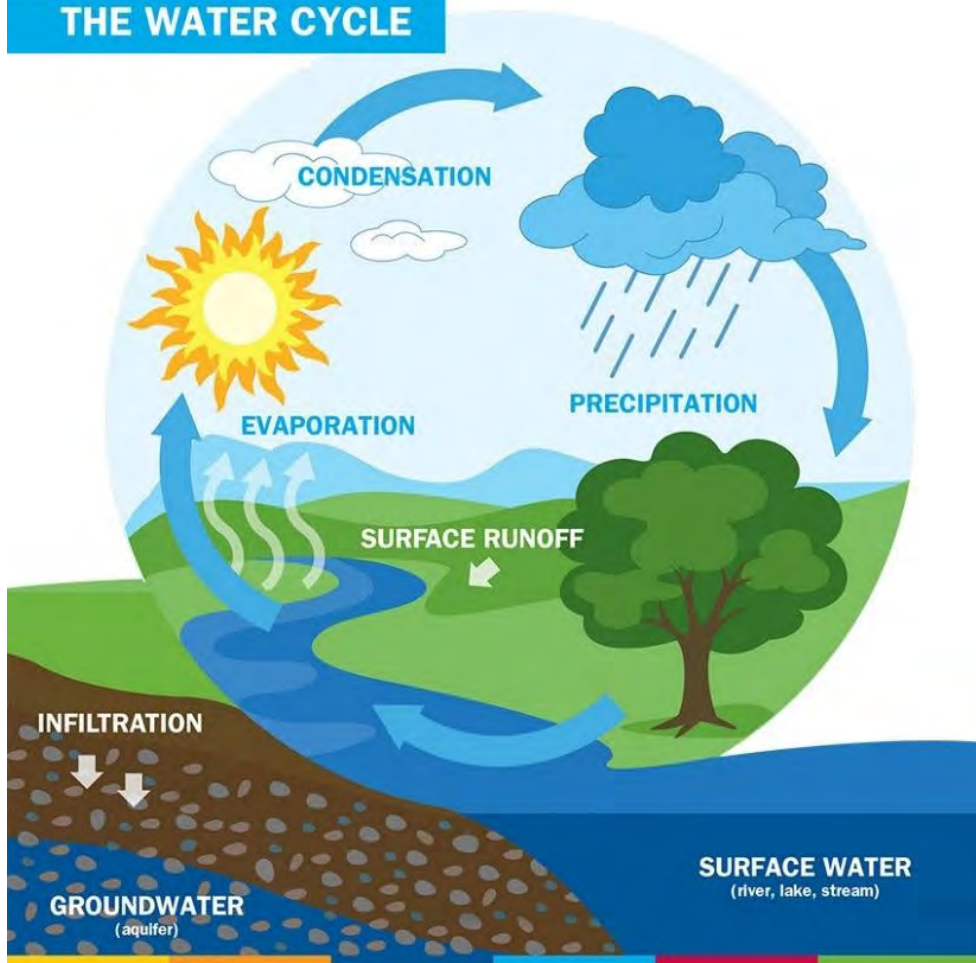
(30% of the world's population)
lack safe water at home

1,98 BILLION PEOPLE GLOBALLY

do not have basic water services at their
health care facility



THE WATER CYCLE



**"WE FORGET THAT THE WATER CYCLE AND THE
LIFE CYCLE ARE ONE."**

JACQUES YVES COUSTEAU

© Lifepack Graphics

WATER AND SANITATION THE PATHWAY TO A SUSTAINABLE FUTURE

THE NEGOTIATION OF A NEW SET OF GLOBAL DEVELOPMENT GOALS IN 2015 PROVIDES A UNIQUE OPPORTUNITY TO MAP A PATHWAY TO A BETTER FUTURE FOR THE PLANET AND ALL OF ITS PEOPLE.

GOAL 6 — ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL — IS CENTRAL TO REALISING THIS VISION

SEE BELOW HOW MEETING INDIVIDUAL TARGETS IN GOAL 6 WILL DRIVE PROGRESS ACROSS THE WHOLE SPECTRUM OF SOCIAL, ENVIRONMENTAL AND ECONOMIC SDGs.



6.1 SAFE DRINKING WATER



EVERY 15 SECONDS A CHILD DIES FROM A PREVENTABLE WATER BORNE DISEASE



200 MILLION HOURS = THE TIME WOMEN & GIRLS SPEND FETCHING WATER EVERY DAY



6.6 WATER-RELATED ECOSYSTEMS



GROUNDWATER PROVIDES DRINKING WATER TO AT LEAST 50% OF THE GLOBAL POPULATION



THE EFFECTS OF CLIMATE CHANGE & URBANIZATION WILL IMPACT THE WATER-CYCLE - INCLUDING VITAL GROUNDWATER RESERVES



6.2 SANITATION AND HYGIENE



MORE THAN 1 IN 3 PEOPLE HAVE NO ACCESS TO IMPROVED SANITATION. 1 IN 7 STILL PRACTICE OPEN DEFECATION



SOME COUNTRIES LOSE AS MUCH AS 7% OF GDP BECAUSE OF INADEQUATE SANITATION



6.5 INTEGRATED WATER RESOURCES MANAGEMENT



2/3 OF THE WORLD'S POPULATION COULD FACE WATER STRESS BY 2025



ACCESS TO WATER POSES THE BIGGEST SOCIETAL AND ECONOMIC RISK OVER THE NEXT TEN YEARS



6.3 WATER QUALITY



OVER 80% OF WASTEWATER WORLDWIDE IS DUMPED — UNTREATED — INTO WATER SUPPLIES



2 MILLION TONS = AMOUNT OF HUMAN WASTE DISPOSED IN WATER COURSES EVERY DAY



6.4 WATER EFFICIENCY



70% = AMOUNT OF TOTAL WATER CONSUMPTION USED FOR AGRICULTURE



85% = INCREASE IN WATER DEMANDS CAUSED BY RISING ENERGY PRODUCTION BY 2035



THE DEADLY FACTS ABOUT WATER

FACT!

WATER CAN BE CHEMICALLY
SYNTHESIZED BY BURNING
ROCKET FUEL

FACT!

WATER IS ONE OF
THE PRIMARY
INGREDIENTS IN
HERBICIDES
AND PESTICIDES

FACT!

OVER CONSUMPTION
CAN CAUSE
TEMPORARY DEAFNESS,
HAIR LOSS AND
EVEN DEATH

FACT!

100% OF PEOPLE
EXPOSED TO
WATER WILL DIE

FACT!

100% OF ALL SERIAL KILLERS
AND DRUG DEALERS HAVE
ADMITTED TO
DRINKING WATER

FACT!

WATER IS THE LEADING
CAUSE OF DROWNING



EATLIVER.COM

WATER QUALITY

2
million
tonnes

2 MILLION TONNES OF HUMAN WASTE ARE DISPOSED INTO WATER
SOURCES EVERY DAY, POLLUTING DRINKING WATER WITH DANGEROUS
DISEASE-CAUSING PATHOGENS



Drink More Water!

It's good for you.



Facts:

- On average, an adult is made up of 60 percent water. Some parts, like blood at 90%, have more. While others, like bone at 31%, have less. It all needs water!
- There is no universally agreed quantity of water that must be consumed daily since everyone's needs are different. Environment, health and activity level should be taken into account. Even breathing requires water.
- You can get water from other sources. Fruits and vegetables, like tomatoes, milk and juice, are good sources. Plain water is still the best choice to quench your thirst.
- Your body needs water for everything to function correctly. From maintaining blood pressure, digestion, removing waste, flushing toxins, lubricating joints and muscles, keeping skin and membranes moist, delivering oxygen throughout the body, and so much more.
- Make your workouts work better. With enough water, your muscles can recover quicker. Aiding the lubrication of the muscles makes them more flexible and less likely to sprain also.
- Weight loss can be aided by drinking water. It can fill you up, remove fat by-products and boost your metabolism for a time.



NO WATER,
NO LIFE,
NO BLUE,
NO GREEN!

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Y  **u** **ABLE**