WHITEPAPER

$TWR

TECH-WATER

Token $TWR
TECHWATER
July, 2025

In collaboration with www.tokenrevolution.net

INTRODUCTION

Desert and semi-arid regions such as the **Kalahari Desert** (southern Africa) and the **Sahel** zone (strip between the Sahara and the African savannah) among others, face **severe water shortages** due to several combined factors:

- **Extreme climate**
  - **Scarce and erratic rainfall**, concentrated in short periods of the year.
  - **High temperatures** that increase evaporation of available water.
- **Overexploitation and desertification**
  - **Excessive use of soil and water** for agriculture and livestock.
  - **Deforestation** and **desert encroachment** reduce the soil's capacity to retain water.
- **Population growth and human pressure**
  - Increased demand for water for consumption, hygiene and crops.
  - **Lack of infrastructure** to capture, store and distribute water efficiently.
- **Consequences**
  - Chronic shortage of drinking water.
  - Food insecurity.
  - Forced migration and conflicts over water resources.

Climate change is aggravating water scarcity in already vulnerable regions due to the following effects:

1. **More unpredictable and extreme rainfall.**
   - **Less annual rainfall** in many areas or concentration of rainfall in extreme events.
   - Increase of **droughts prolonged** droughts, alternating with with **flash floods** that do not allow the water to be used.

2. **Increase in temperature**
   - **Increased evaporation** of water in rivers, soils and reservoirs.
   - Plants and crops require more water to survive.
   - Heat accelerates desertification.

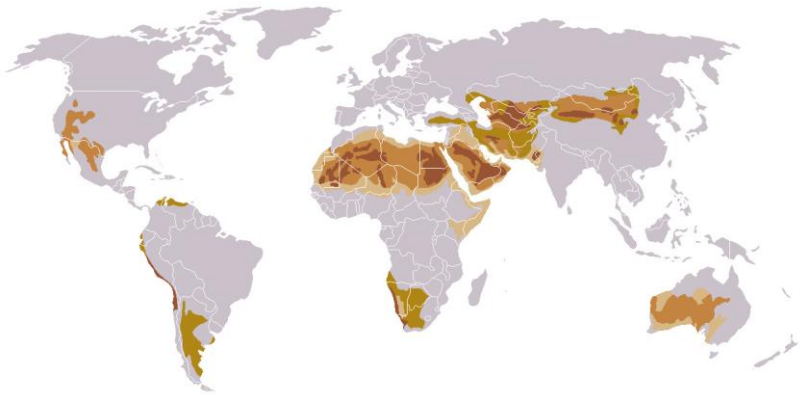
3. **Soil degradation and loss of vegetation.**
   - Drier climate causes soil to lose organic matter and become **less fertile**.
   - **Loss of vegetation** reduces the soil's ability to retain water and facilitates desert expansion.

4. **Increased pressure on scarce resources**
   - Climate change pushes many communities **to migrate or concentrate in areas where there is still water, increasing competition for the resource.**

     in areas where water is still available, increasing **competition for the resource**.
   - This generates **social conflicts and political tensions** (e.g. pastoralists vs. farmers in the Sahel).

5. **Reduced aquifer recharge**
   - Less rainfall and more evaporation prevent **subway aquifers** from **recharging**, a key source of water in these regions.

Access to drinking water in arid areas is one of the great challenges of the 21st century. CENTURY. In desert areas, the combination of **simple technologies (wells, ditches, cisterns)** with **modern solutions (solar pumps, fog collectors, sensors)** makes it possible to **maximize the use of available water** and **improve resilience to climate change.**



The **TechWater** project was born as a comprehensive, replicable and scalable solution that combines advanced technologies for subway collection (deep wells) and atmospheric condensation (**AWG** - Atmospheric Water Generation), together with purification and digital management of the resource. Its objective is to provide a sustainable, autonomous water infrastructure adapted to extreme shortage contexts.

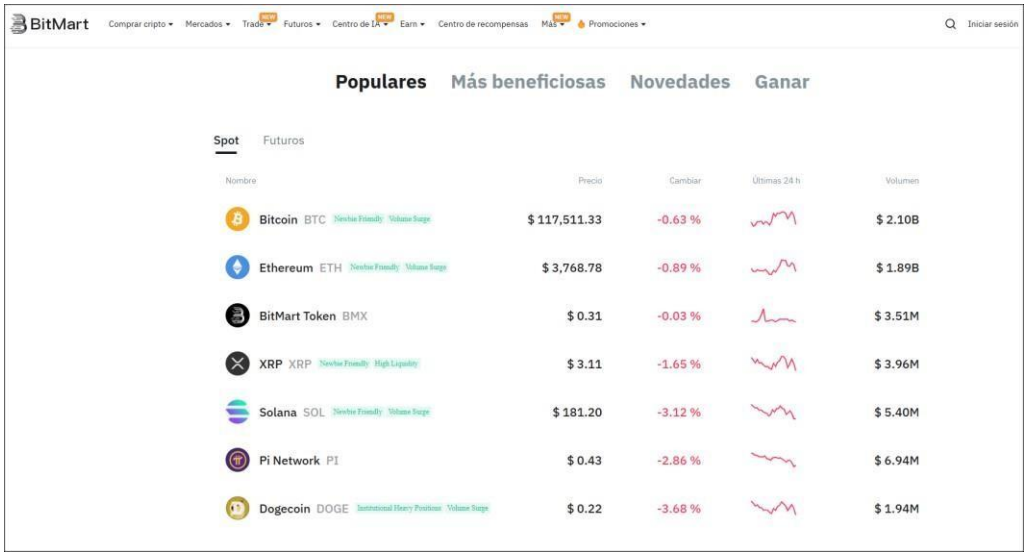
The exciting world of **Blockchain** allows us to create different mechanisms for the launch of projects such as the one we are dealing with in this case.

TWR's project has an international scope and of course has no limits in its development and implementation.

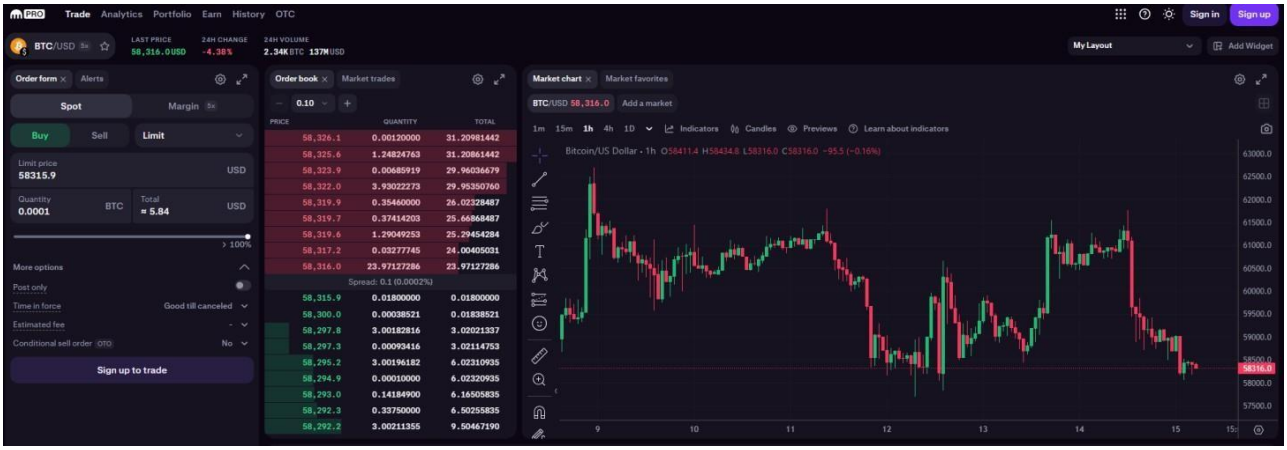
It is for all of the above that our project, with its long **INTERNATIONAL TRAJECTORY**, can offer **INVESTORS IN $TWR TOKENS** a series of very important possibilities that in the long run can be rewarded by the revaluation of the same.

Anyone who invests in the acquisition of **$TWR TOKENS** can trade them, sell them or hold them over time to observe their valuation in specific token markets (**EXCHANGES**).

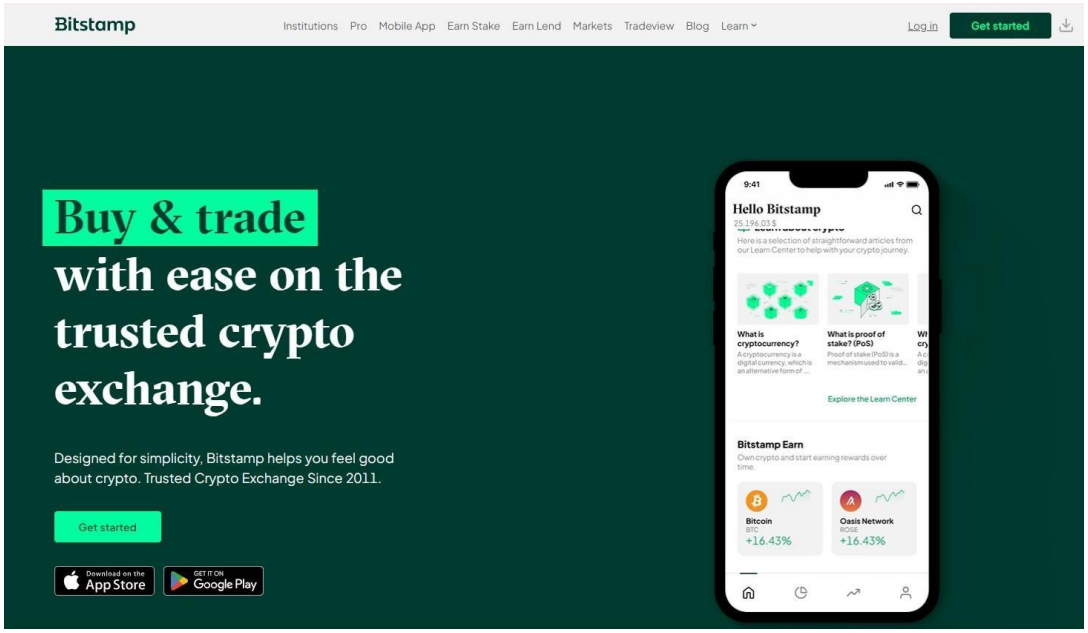
Some examples of major token and cryptoasset Exchanges:



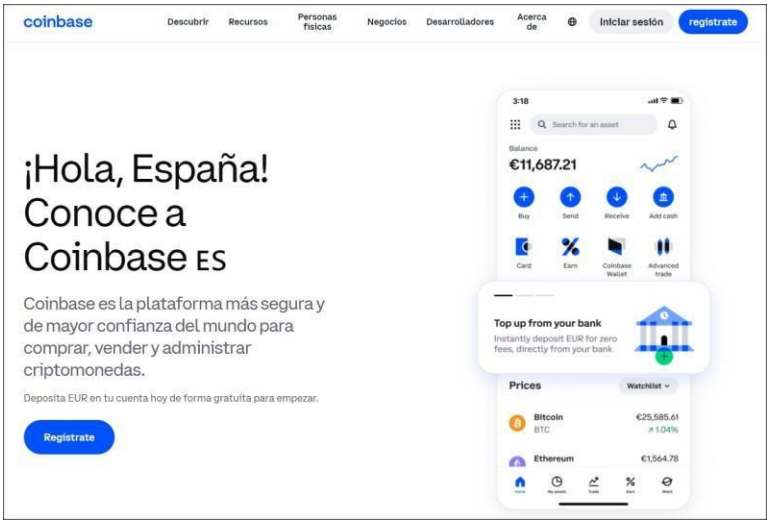
Bitmart



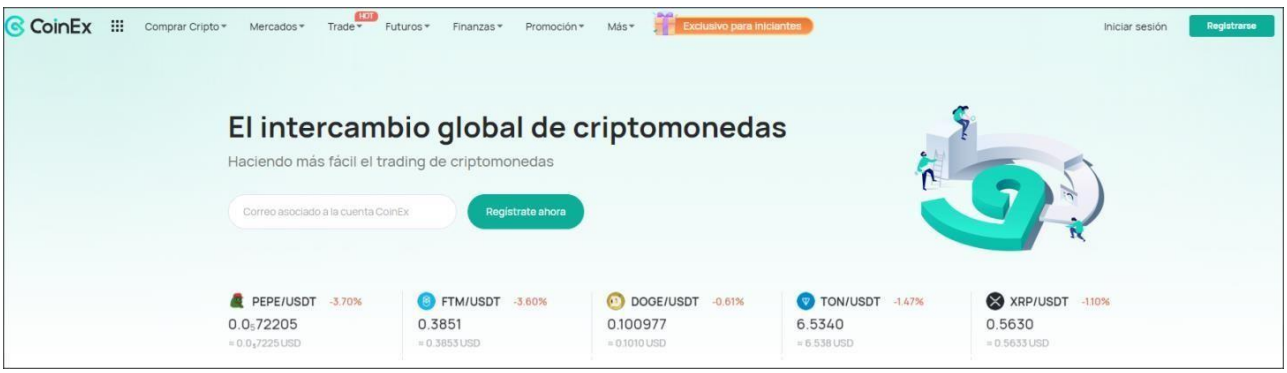
Kraken



Bitstamp



Coinbase



CoinEx

2. CURRENT SITUATION

Water scarcity is one of the most critical challenges of the 21st century, affecting millions of people and threatening sustainable development, food security and socioeconomic stability globally. According to the United Nations (UN), about **2.2 billion people** lack access to safely managed drinking water (UN-Water, 2023), while **4.2 billion** face severe shortages for at least one month a year (Mekonnen & Hoekstra, 2016). This crisis is exacerbated by population growth, accelerated urbanization, climate change and overexploitation of water resources.

1. Relevant Global Statistics

- **Population affected**: By 2025, an estimated **1.8 billion** people will live in regions with absolute water scarcity, and two-thirds of the world's population could experience water stress (UN, 2024).
- **Per capita availability**: Since 1960, freshwater availability per person has decreased by more than **60%** due to population growth (World Bank, 2022).
- **Economic impact**: Water scarcity could reduce global GDP by up to **6%** by 2050 (World Resources Institute, 2023).

2. Most Affected Regions

- **Middle East and North Africa (MENA)**: The region has the lowest per capita water availability in the world (less than **500 m^3/person/year**), with countries such as Qatar, Israel, and Saudi Arabia relying heavily on desalination (FAO, 2023).
- **South Asia**: India, Pakistan, and Bangladesh face extreme water stress due to overdrafting of aquifers and pollution. **Ninety percent** of wastewater in developing countries is discharged without treatment (UNEP, 2022).

- **Sub-Saharan Africa**: More than **400 million** people lack basic access to safe drinking water (UNICEF, 2023).

3. Historical Factors and Trends

- **Climate change**: It has altered rainfall patterns, reducing availability in regions such as the Mediterranean and the Horn of Africa. Since 2000, drought events have increased by **29%** (WHO, 2023).
- **Overexploitation**: Aquifers such as the Ogallala (USA) and the Ganges (India) are being depleted at unsustainable rates.
- **Geopolitical conflicts**: Control of water sources has exacerbated tensions, as in the case of the Nile River (Egypt, Ethiopia and Sudan) or the Tigris and Euphrates (Turkey, Syria and Iraq).

4. Conclusion

Water scarcity is a multidimensional problem that requires international cooperation, technological innovation (e.g., water recycling, precision agriculture) and integrated water management policies. Without urgent action, it is projected that by **2030** demand will exceed supply by **40%** (Global Water Institute, 2023), with irreversible consequences for ecosystems and humanity.

3. PLANNING THE LAUNCH OF THE $TWR TOKEN

The launch of the **$TWR token** is directly linked to the Foundation's own **TECHWATER** project, which promotes the implementation of water extraction wells and atmospheric water harvesting technologies in towns and areas declared as deserts worldwide.

$TWR TOKEN: PROJECT FINANCING

Through the sale of $TWR tokens this very beneficial project can be launched and implemented. We are also aware that whoever invests in the token will know that the objectives will be met with great precision since a whole feasibility study has been carried out that really guarantees its successful completion.

We intend to create a **TECHWATER COMMUNITY** around this project that will expand to other countries.

It is worth noting that the $TWR token itself will have its own path, enhanced by the philanthropic activity on which it is based.

A group of experts will be the ones who will technically ensure that the TOKEN $TWR will have the appropriate consensus, operational guarantees and technological security.

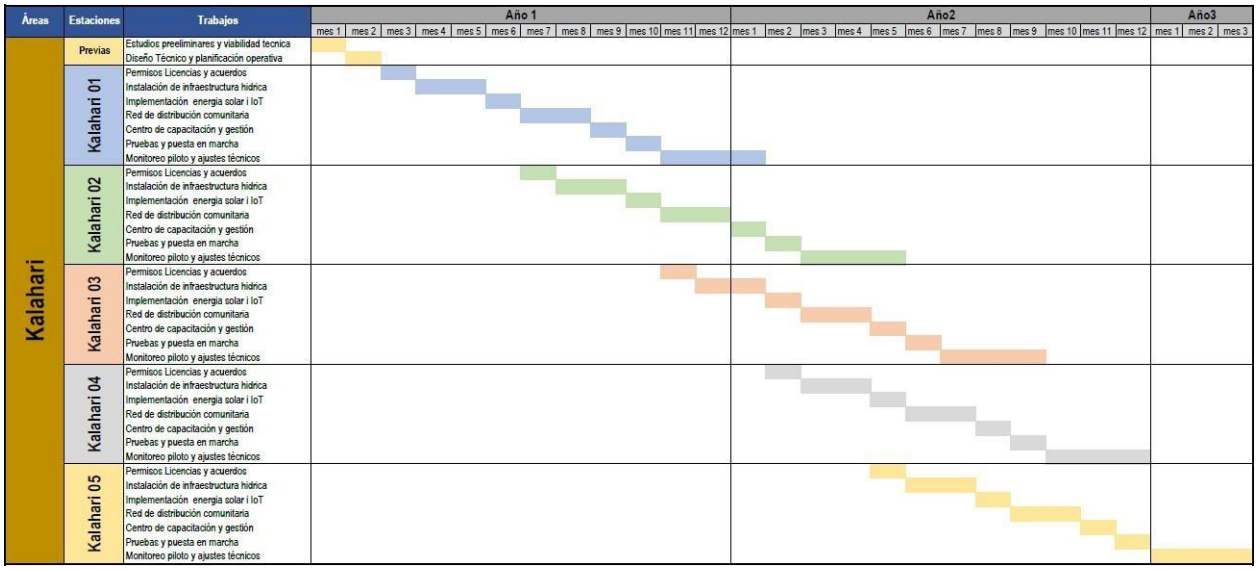
An ecosystem will also be created that will allow the exchange of $TWR tokens within the services of the water consumption Platform and Environments that have also been planned to be created and of the events and promotions for their owners, who will obviously have advanced and special preferences and functions. A treatment that will also increase depending on the progress in the sale of the $TWR TOKENS.

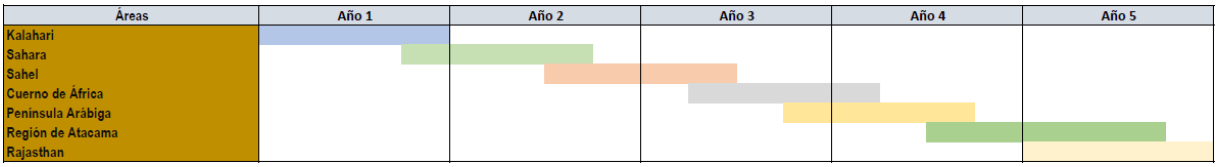
4. OBJECTIVES

The main objectives of the **TECHWATER Project** are the following:

1. To project, install and consolidate the first installations in the Kalahari Desert through the non-profit Foundation created for this purpose.
2. To carry out the following installations in the Kalahari Desert in Botswana (up to 5).
3. Continue in the second year in the Sahara Desert.
4. Implement the remaining installations in desert areas according to the schedule below.

PROVIDING WATER IN DEPRESSED AREAS IS OUR GOAL!





5. IMPLEMENTATION-PHASES

TechWater is based on the integration of two water harvesting systems:

1. Deep wells equipped with smart sensors, solar pumps and automated monitoring.
2. Atmospheric condensers (AWG) powered by solar energy, capable of generating water from relative humidity (efficiency from 25-30%).

Both systems are integrated into a central network that feeds a modular treatment and distribution plant.

The **implementation of each water harvesting system** will be carried out as follows:

6. CONTROL OF THE $TWR TOKEN

The $TWR token is based on the **ERC-20** standard of the **BLOCKCHAIN ETHEREUM** network.

ERC-20 tokens are digital assets that are created using the ERC-20 standard. These tokens are built and operate on the Ethereum blockchain, allowing them to benefit from Ethereum's vast and thriving **decentralized financial ecosystem** (DeFi).

These tokens can represent numerous assets, from cryptocurrencies to utility tokens or even digital representations of **real-world assets** such as gold, business projects or real estate.

It is worth noting that all ERC-20 tokens have common functionalities and interfaces. This makes them easily interoperable with other ERC-20 compatible contracts and wallets.

In addition, **these tokens are fungible**, meaning that each token is interchangeable and has the same value. This is in contrast to non-fungible tokens (NFT), which include the ERC-721 and ERC-1155 standards and have unique characteristics and variable values.

The ERC-20 standard offers several advantages, which have contributed to its widespread adoption within the Ethereum ecosystem. Here are the top 5 advantages:

1. **Standardization**: ERC-20 is a widely accepted token standard in the blockchain ecosystem. It simplifies development and integration processes for token creators and users.
2. **Compatibility**: ERC-20 tokens can be easily stored and transferred on any Ethereum wallet or platform that supports the Ethereum blockchain. This **broad compatibility** enables seamless integration with various decentralized applications (DApps), exchanges and other blockchain solutions.
3. **Exchangeability**: ERC-20 tokens are exchangeable, meaning they have a unified format that allows for **easy exchange and liquidity.** This standardization makes it simpler for users to exchange tokens on decentralized exchanges or exchange platforms without worrying about compatibility issues or additional technical requirements.
4. **Community support:** ERC-20 has a strong community of developers, users and token enthusiasts. This **active community** provides a wealth of resources, documentation and

support for token creators and users.

5. **Smart contract functionality:** Because ERC-20 tokens are built on the Ethereum blockchain, they inherit all of the advanced features and capabilities of Ethereum's smart contract technology. This allows token creators to add programmable functionality to their tokens, such as automated transactions, complex tokenomics and integration with other smart contracts.

7. $TWR TOKEN LAUNCH

General data (**TOKENOMICS**):

1.	NUMBER OF TOKENS:	$8,980,000,000,000.00 $TWR.
2.	VALUE:	1 $TWR=0.0115 USD.
3.	TOTAL INITIAL VALUATION:	103,270,000 USD
4.	MINIMUM NUMBER OF TOKENS:	10,000 $TWR.
5.	External Services:	10% ($898,000,000.00 $TWR)
6.	Issuer and market placement	70 % (6,286,000,000.00 $TWR)
7.	PRE-LAUNCH	20 % (1.796.000.000,00 $TWR)
		25 % DISCOUNT
		0.00863 USD/$TWR

TOKEN Symbol: "**$TWR"** Protocol: ERC-20

Blockchain Check: Ethereum: www.etherscan.org

Also 10% of the entire $TWR will be set aside for outside consultants and services.

8. INVESTMENTS AND TRANSPARENCY.

All values are indicated in EUROS as the start of the **$TWR** project is **ISSUED** at the European level.

INVESTMENTS (in €)	START OF ACTIVITY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
INSTALLATIONS WELLS, ETC	450.000	1.800.000	2.250.000	2.250.000	2.250.000	2.250.000
IOT SYSTEMS, SOLAR, ETC.	170.000	680.000	850.000	850.000	850.000	850.000
TREATMENT PLANT, NETWORK AND STORAGE	200.000	800.000	1.000.000	1.000.000	1.000.000	1.000.000
AWG SYSTEMS	200.000	800.000	1.000.000	1.000.000	1.000.000	1.000.000
CONSTRUCTION MODULES (MANAGEMENT CENTER)	60.000		60.000	60.000	60.000	60.000
INFRASTRUCTURE INSTALLATION	750.000	3.750.000	4.500.000	4.500.000	4.500.000	4.500.000
TOTAL NON-CURRENT	**1.830.000**	**7.830.000**	**9.660.000**	**9.660.000**	**9.660.000**	**9.660.000**

All data will be published on a monthly basis on the web page that will be set up for this purpose.

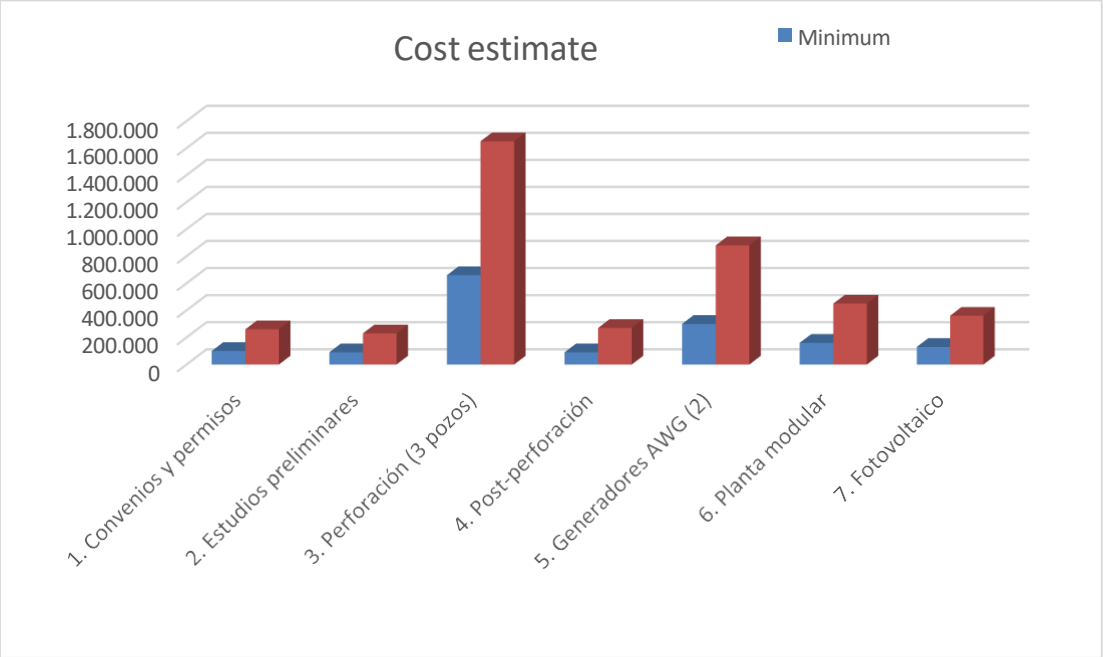
To visualize the economic resources required for the construction of each facility, we can observe the following distribution (e.g. Kalahari 1):

PHASE 1: AGREEMENTS AND ARRANGEMENTS	
Local and governmental relations (meetings, translators, managers)	30.000 - 80.000 €
Legal permits and preliminary studies (environmental licenses, authorizations) licenses, authorizations)	50.000 - 120.000 €
Agreements with indigenous communities (e.g. San/Bushmen)	20.000 - 60.000 €
Total Phase 1	**100.000 - 260.000 €**
PHASE 2 PRELIMINARY STUDIES	
Geophysical analysis of the ground (resistivity, electrical soundings) electrical soundings)	40.000 - 100.000 €
Identification of aquifers (satellite images, hydrogeology) + hydrogeology)	30.000 - 80.000 €
Water quality (mobile laboratory, chemical/bacteriological chemical/bacteriological analyses)	20.000 - 50.000 €
Total Phase 2	**90.000 - 230.000 €**
PHASE 3: DRILLING OF 3 WELLS	
Transport of heavy equipment (trucks, logistics in sand)	80.000 - 200.000 €
Drilling rig installation (anchoring in soft ground) soft ground)	50.000 - 120.000 €
Mud and drilling system (rotary/percussion, up to 150m depth)	60,000 - 150,000 €/well
Materials (pipes, filters, cementing)	30,000 - 80,000 €/well
Total Phase 3	**660.000 - 1.650.000 €**

PHASE 4: POST-DRILLING STAGE	
Well cleaning and development (aeration, test pumping) test pumping)	15,000 - 40,000 €/well
Piping and sealing (collapse prevention)	10,000 - 30,000 €/well
Flow and fine quality tests	5,000 - 20,000 €/well
Total Phase 4	**90.000 - 270.000 €**
PHASE 5: INSTALLATION OF 2 ATMOSPHERIC GENERATORS (AWG)	
AWG equipment (e.g. Watergen or Skywater**,** capacity 500-1000L/day)	100,000 - 300,000/unit
Transport and installation (protection against sand storms) sandstorm protection)	30.000 - 80.000 €
Connection to infrastructure (pipelines, storage)	20.000 - 60.000 €
Total Phase 5	**300.000 - 880.000 €**
PHASE 6: MODULAR TREATMENT PLANT	
Pumping and filtration system (UV, reverse osmosis if necessary) reverse osmosis if necessary)	80.000 - 200.000 €
IoT and remote control (sensors, telemetry, alarms)	30.000 - 100.000 €
Weather resistant modular structure	50.000 - 150.000 €
Total Phase 6	**160.000 - 450.000 €**
PHASE 6: PHOTOVOLTAIC SYSTEM	
Solar panels (20-30 kW, sand resistant)	60.000 - 150.000 €
Stationary batteries (lithium, 2-3 days of autonomy) autonomy)	40.000 - 120.000 €
Inverters and regulators (surge protection) surge protection)	20.000 - 60.000 €
Testing and commissioning	10.000 - 30.000 €
Total Phase 7	**130.000 - 360.000 €**

SUMMARY OF TOTAL COSTS

Phase	Minimum (€)	Maximum (€)
1. Agreements and permits	100.000	260.000
2. Preliminary studies	90.000	230.000
3. Drilling (3 wells)	660.000	1.650.000
4. Post-drilling	90.000	270.000
5. AWG generators (2)	300.000	880.000
6. Modular plant	160.000	450.000
7. Photovoltaic	130.000	360.000
TOTAL ESTIMATED	**1.530.000**	**4.100.000**



Based on the data we currently have, it can be stated that**:**

THE APPROXIMATE COST ESTIMATE IS

1.830.000,00 EUR/INSTALLATION

CRITICAL FACTORS THAT CAN VARY THE COST

- **Depth of wells**: If they exceed 150m, drilling costs increase by 30-50%.
- **Accessibility**: Remote areas without roads increase transportation costs by 20-40%.
- **Water complexity**: If reverse osmosis is required, it would add 50,000-150,000 .€
- **Security**: Theft of equipment in unpopulated areas may require surveillance (+30,000 €/year).

9. INCOME AND EXPENSES

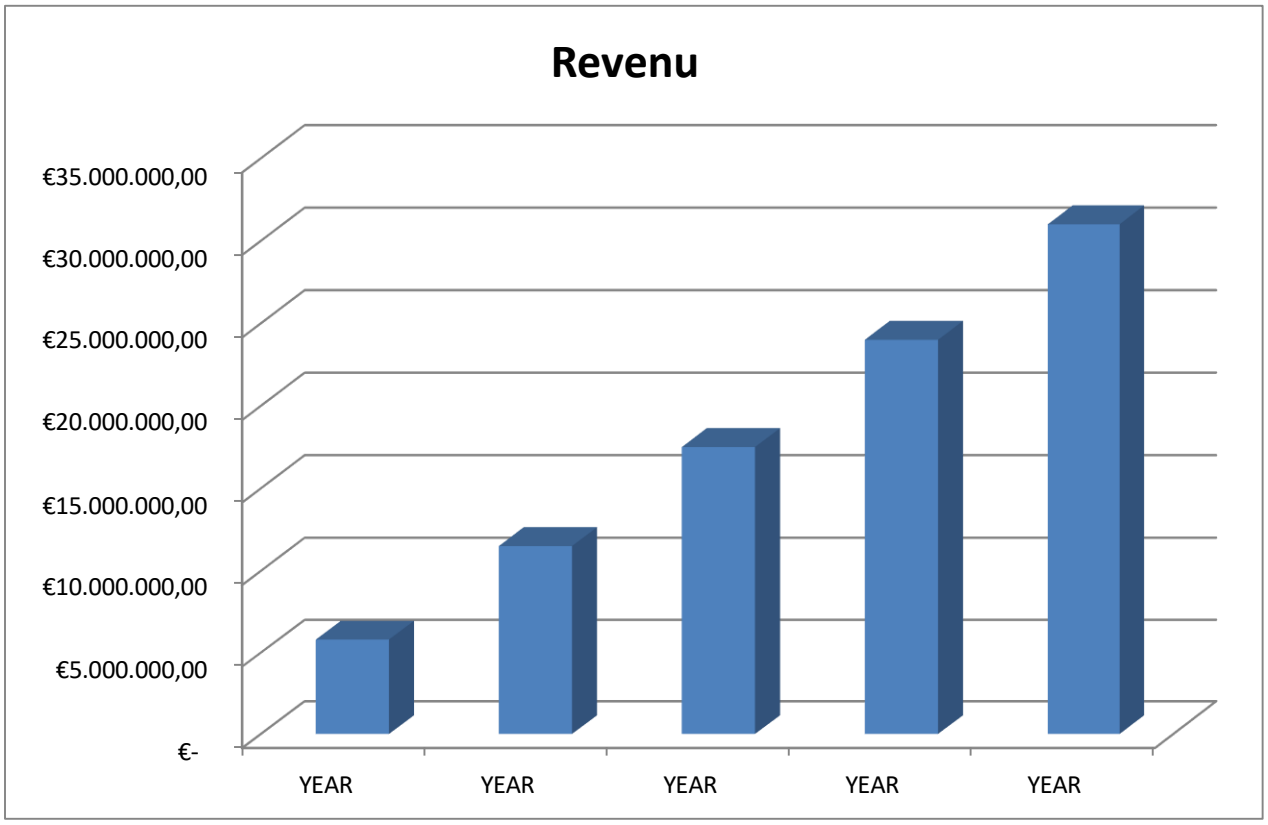
EXPENSES (in €)

		INTERMEDIATE CALCULATIONS				
STAFF	**DATA**	**YEAR 1**	**YEAR 2**	**YEAR 3**	**YEAR 4**	**YEAR 5**
Average monthly salary	3.000	126.000	216.300	356.462	550.734	756.342
Annual salary increase	3,00%					
No. of employees year 1	3					
No. of employees year 2	5					
No. of employees year 3	8					
No. of employees year 4	12					
No. of employees year 5	16					
No. of employees year 4	32,00%	40.320	69.216	114.068	176.235	242.029
No. of employees year 5	1,10%	1.386	2.379	3.921	6.058	8.320
% Social Security cost		**166.320**	**285.516**	**470.530**	**726.969**	**998.371**
RENT						
Monthly rent	1.500	**18.000**	**18.360**	**18.727**	**19.102**	**19.484**
Expected annual increase	2,00%					
OTHER		1	2	3	4	5
Electricity	833	10.000	20.600	30.900	41.200	51.500
Water	250	3.000	6.180	9.270	12.360	15.450
Gas	83	1.000	172	258	343	429
Telephone	83	1.000	2.060	6.365	26.225	135.061
Office Supplies	600	7.200	14.832	45.831	188.823	972.440
Management Software (leasing)	1.200	1.200	14.832	1.854	2.472	3.090
Preliminary Studies	4.167	50.000	51.500	51.500	51.500	51.500
External services	2.500	30.000	61.800	92.700	123.600	154.500
Other management expenses	250	3.000	6.180	9.270	12.360	15.450
Cleaning	600	7.200	14.832	22.248	29.664	37.080
CR insurance	167	2.000	4.120	6.180	8.240	10.300
Renting vehicles	333	4.000	8.240	12.360	16.480	20.600
Management and Prevention	375	4.500	9.270	13.905	18.540	23.175
Consumables	8.333	100.000	200.000	300.000	400.000	500.000
Contingencies (other expenses)	12.500	150.000	300.000	450.000	600.000	750.000
Marketing	4.166,67	50.000	103.000	154.500	206.000	257.500
Average annual increase in %						
TOTAL OTHER EXPENSES		**424.100**	**817.618**	**1.207.141**	**1.737.808**	**2.998.075**
TOTAL EXPENSES (INCL.						

REVENUE FROM TOKEN SALES

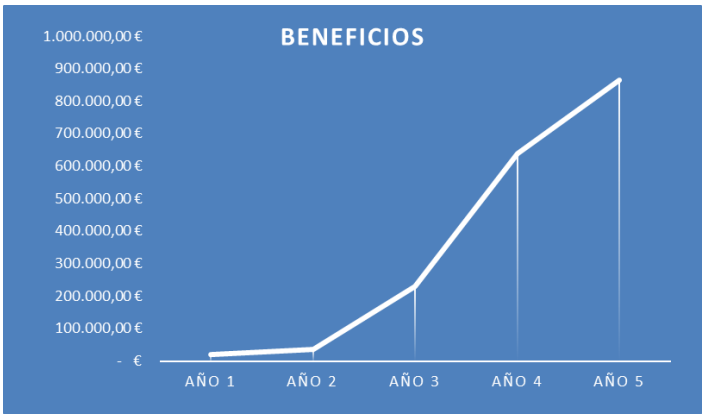
Water will only be offered free of charge to neighboring communities. A fee for the maintenance of the facilities will only be charged to the corresponding government if agreed upon.

SALES / INCOME		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
TOKEN $TWR	units	580.000.000	1.150.000.000	1.750.000.000	2.400.000.000	3.100.000.000
	Price(€)	0,010	0,010	0,010	0,010	0,010
	revenues	5.800.000	11.500.000	17.500.000	24.000.000	31.000.000
TOTAL INCOME		**5.800.000**	**11.500.000**	**17.500.000**	**24.000.000**	**31.000.000**



EXPECTED RESULTS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Sales	5.800.000,00 €	11.500.000,00 €	17.500.000,00 €	24.000.000,00 €	31.000.000,00 €
Procurement	5.800,00 €	11.500,00 €	17.500,00 €	24.000,00 €	31.000,00 €
Variation in inventories	5.794.200,00 €	11.488.500,00 €	17.482.500,00 €	23.976.000,00 €	30.969.000,00 €
Margin	**5.794.200,00 €**	**11.488.500,00 €**	**17.482.500,00 €**	**23.976.000,00 €**	**30.969.000,00 €**
Personnel Expenses	166.320,00 €	285.516,00 €	470.530,37 €	726.969,42 €	998.371,33 €
Rentals	18.000,00 €	18.360,00 €	18.727,20 €	19.101,74 €	19.483,78 €
Other expenses	424.100,00 €	817.617,67 €	1.207.140,78 €	1.737.808,01 €	2.998.074,84 €
EBITDA	**5.185.780,00 €**	**10.367.006,33 €**	**15.786.101,65 €**	**21.492.120,83 €**	**26.953.070,05 €**
Amortizations	5.160.000,00 €	10.320.000,00 €	15.480.000,00 €	20.640.000,00 €	25.800.000,00 €
EBIT	**25.780,00 €**	**47.006,33 €**	**306.101,65 €**	**852.120,83 €**	**1.153.070,05 €**
Financial expenses	- €	- €	- €	- €	- €
BAI (cash flow)	**25.780,00 €**	**47.006,33 €**	**306.101,65 €**	**852.120,83 €**	**1.153.070,05 €**
Tax on profits	6.445,00 €	11.751,58 €	76.525,41 €	213.030,21 €	288.267,51 €
Net income	**19.335,00 €**	**35.254,75 €**	**229.576,24 €**	**639.090,62 €**	**864.802,54 €**
Profit/loss	0,33%	0,31%	1,31%	2,66%	2,79%



PROFITS TO BE USED FOR THE CREATION OF TRAINING SCHOOLS:

10. WHO WE ARE

The TechWater Project is led by the **Keneilwe Foundation**, whose human assets have a very extensive and amply demonstrated professional and, above all, altruistic trajectory. It has sufficient knowledge since it has known the affected areas for more than 20 years, having worked in-situ for more than 20 years.

Behind there is a team specialized in the implementation of projects in the third world and others with more than 10 years of experience in Blockchain and Cybersecurity.

On the other hand, there is also the whole human part that will indirectly benefit from the profits and benefits produced by the business.
Our team is committed to offer an efficient, supportive and sustainable Service.
We work in a transparent and efficient way, guaranteeing the trust and satisfaction of those who rely on us to enjoy life and make others do so.

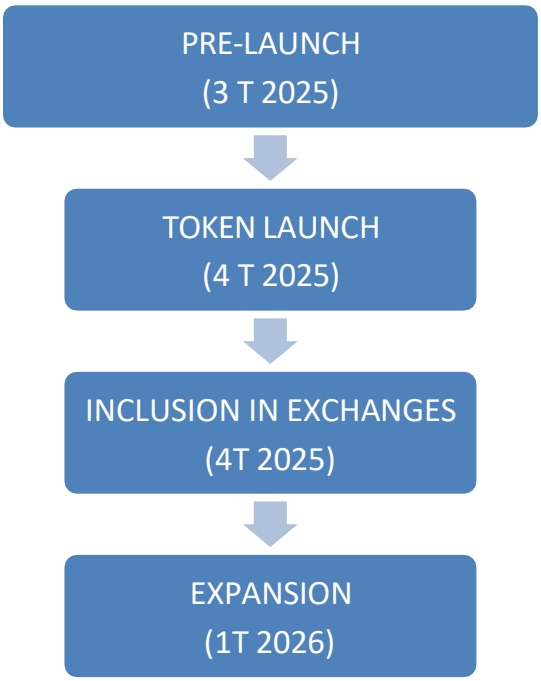
11. PROJECT GUARANTEES

In the sector of cryptocurrencies and tokens it is increasingly sought that any project that comes to light has the legal, juridical and economic solvency guarantees to be able to face it, and that any buyer of the investment token has peace of mind in a very high factor.

That is why **$TWR** intends to use the assets that the company acquires to somehow make backup and liquidity reserves. It will also be possible to visualize the results live by updating our website and of course with transparent access and with reliable data of our results audited and verified constantly through effective and democratic metrics and traceability checks.

12. PLANNING

The $TWR token is under development and the following deadlines will be approximately met depending on how the $TWR project evolves.



13. LEGAL NOTICES

The $TWR token is currently backed by the **TECHWATER** project**.**

You can consult the legal notices and privacy policy at: www.jtechwater.com

END OF DOCUMENT