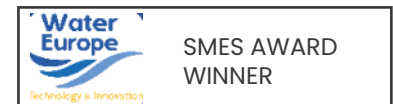




# DRINKING WATER

## In dry areas – where its most needed



# NO WATER IN DRY AREAS

**1.1 B** people In critical  
shortage

**380 M** people in dry,  
inland areas



The world is drying up

# THE SOLUTION – Patented X2 efficient System



Proudly Developed at The Technion  
deployed at the Negev desert



1,000 liters/day; 400 people



Off grid/Micro grid; Any energy;  
Plug & play



Half the humidity & energy






Top quality – Standards  
compliant, Reliable unlimited  
water



# THE CHALLENGE

## 24/7 DRINKING WATER IN DRY AREAS

**H<sub>2</sub>O<sub>LL</sub> does it!**

Technology	H2OLL Water in dry areas	Trucked Water	Mineral & Bottled
			
Affordable Price (cent/l)	Yes	Yes	No
High Water Quality	Yes	Variable	Variable
Sustainability	Yes	No	No
24/7 Availability	Yes	No	Variable
Wide Operational Condition	Yes	NA	NA

# MISSION

Offering high-quality,  
drinking water in dry areas,  
utilizing our double efficient,  
patented technology.



# CFP saving in serviceable obtainable market: 200M tons CO<sub>2</sub>/year

Our water will support adaptation and mitigation of the climate crisis  
Our water supply will enhance multiple SDG's (system effect)



## SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

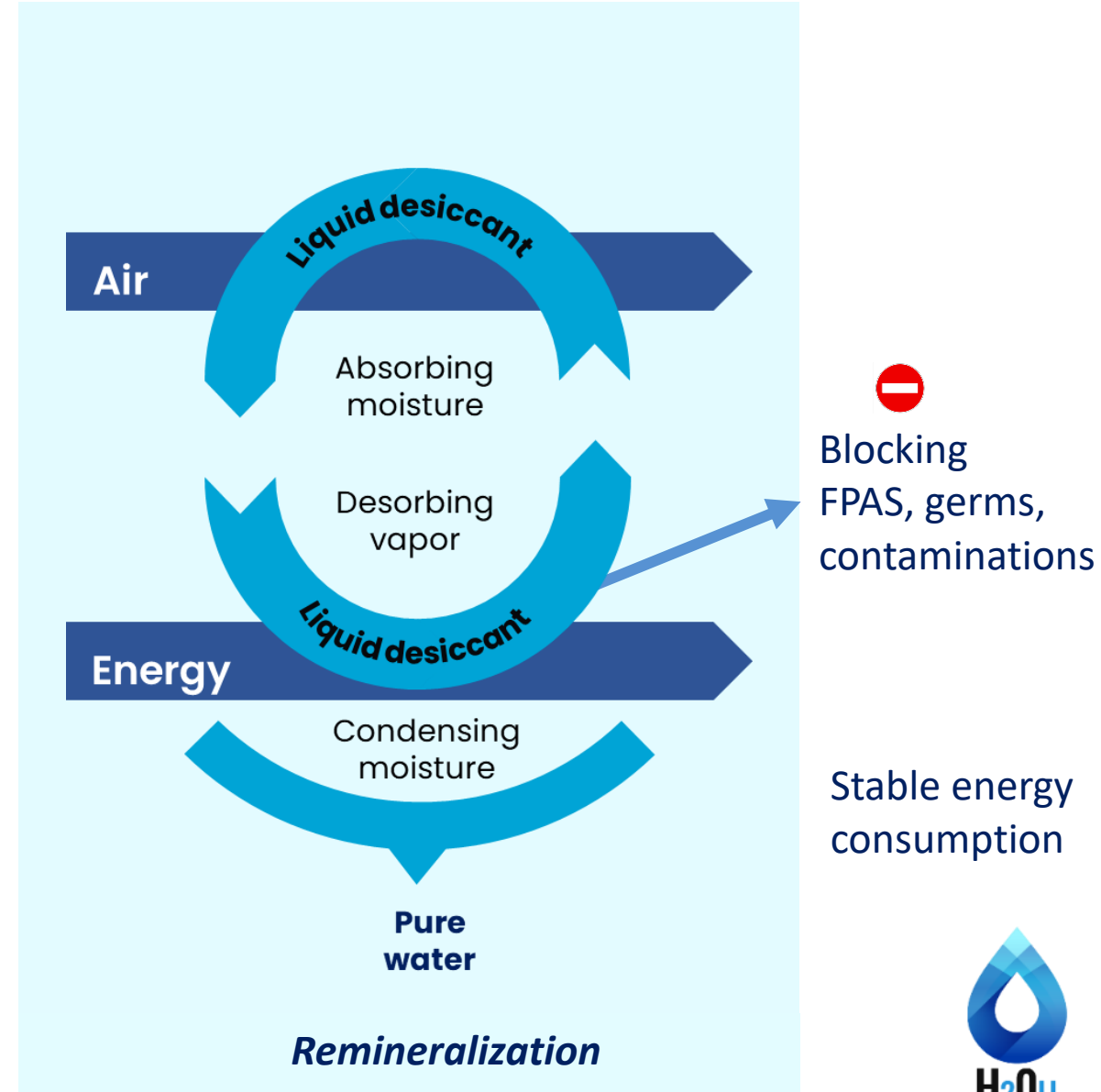


# Atmospheric **W**ater **G**eneration **TECHNOLOGY**

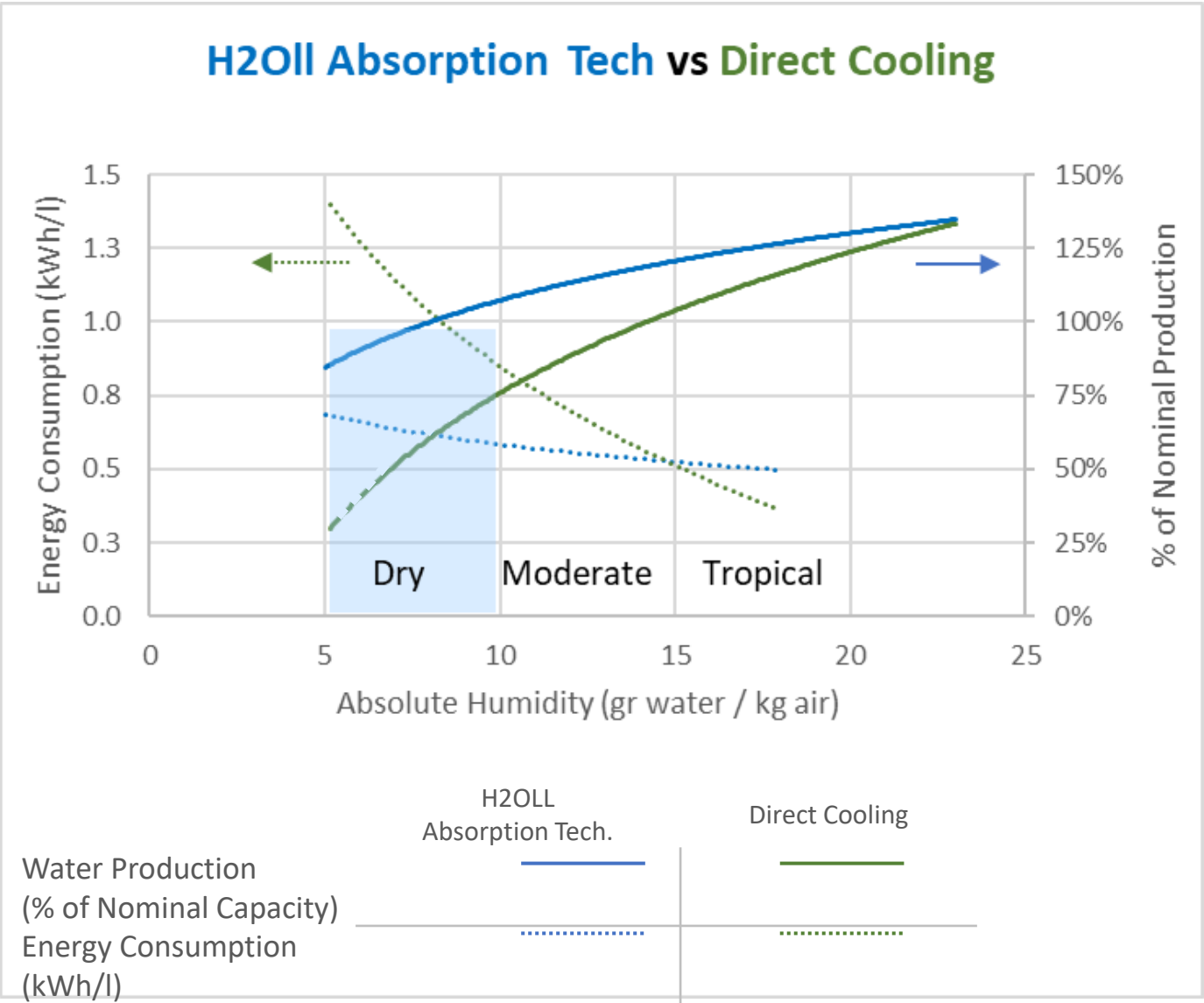
## 2 step absorption technology

**1** Absorption  
of moisture

**2** Regeneration:  
Desorption and  
condensation



# Performances Comparison



100% production of H2OLL at dry conditions.

Almost Flat energy consumption in all production range.

**H2OLL gains Absolute advantage at dry conditions.**

# EXCLUSIVE SERVICE LOCATIONS



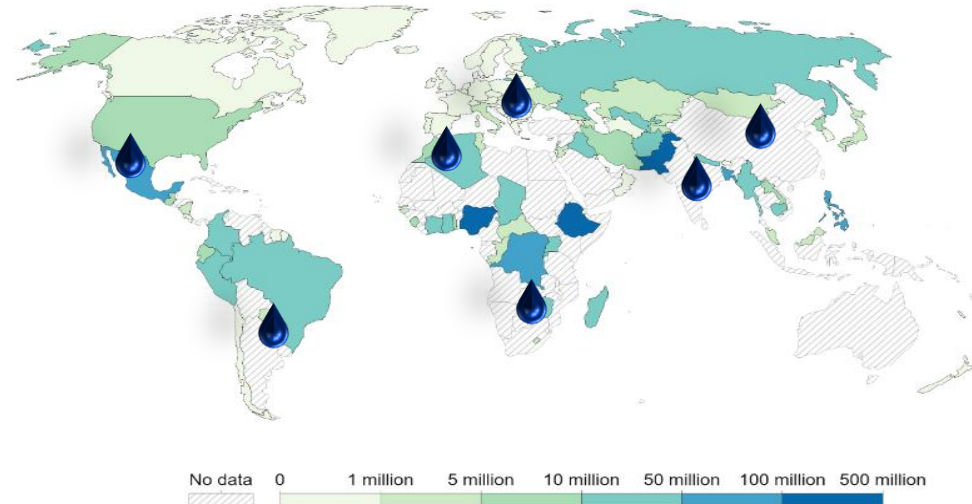
 **380M** People in need

 **1,900k** Systems

 **190BN\$** Direct sales

Number of people without access to safe drinking water, 2020  
Safely managed drinking water is defined as an "Improved source located on premises, available when needed, and free from microbiological and priority chemical contamination."

Our World  
in Data

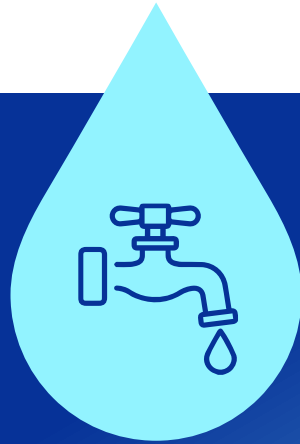


Source: Our World in Data based WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation  
OurWorldInData.org/water-access • CC BY



# BUSINESS MODELS

**WATER  
AS A SERVICE**



**SALE  
OF A SYSTEM**



# Applications & GTM

## Private sector

Industry: Water for employees – Chip, Data centers, PV power parks, other

Hotels and Resorts

Residential/Office/commercial

## Government

Emergency, Defense, Homeland security

Remote & Urban communities

Schools, Hospitals, Nature Parks

Water vending machines



# MILESTONES & TRACTION

- ◆ Commercial system at a school in the Negev desert (IIA)
- ◆ Key markets: MOU's; LOI's; substantial leads: Proposals for first deals.
- ◆ \$ 2 M crowd funding concluded
- ◆ Winners in Accelerators/Competitions



# OUR TEAM



## **Joab Kirsch – CEO**

Loves connecting & engaging people;  
Experienced with numbers



## **Ilan Katz – CTO**

Creative constructor of water systems;  
Invented and built the H2OLL Alpha system



## **Leonardo Palinsky – VP Sales & Bizdev**

A global Go-To-Market, sales operations, partnerships, and Bizdev expert



## **Alon Ron – Engineer**

Mechanical Engineer  
Specialization in Energy



## **Oded Distel – Director**

Water eco systems expert; Institutional networks expert



## **Hana Katz – Director**

An engineering expert in the energy sector

# Scientific Committee



## **Prof. David Broday**

Atmospheric Sciences Expert



## **Prof. Eran Friedler**

Alternative Water Sources Expert



## **Dr. Khaled Gommed**

Absorption Systems Expert



## **Ben Gido**

Humanitarian developing & WASH consultant



Civil & Environmental Eng. faculty, Technion, Israel



# Connecting to 380m people for resolving water scarcity



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H2OLL



**A GAME  
CHANGER  
IN WATER  
PRODUCTION**





# H2OLL Videos

[H2OLL Video](#)

[H2OLL short](#)



The problem of water in the world  
is a pressing problem,