



GAME CHANGERS

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XPRIZE
WATER
SCARCITY

مبادرة محمد بن زايد للماء
THE MOHAMED BIN ZAYED WATER INITIATIVE

للماء



XPRIZE WATER **SCARCITY** GAME CHANGERS



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PRIZE PURSE

\$119 MILLION



BARRIER

80% of the global population suffers from serious threats to water supply, and by 2030, we will lack 40% of the water needed to meet global needs.



BREAKTHROUGH

XPRIZE Water Scarcity will generate novel seawater desalination technologies that will be reliable, affordable, and sustainable, increasing access to clean water.



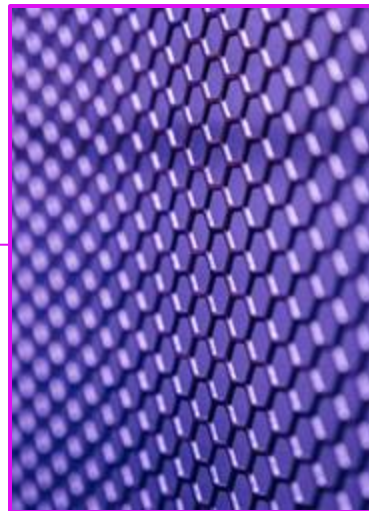
TWO WAYS TO COMPETE

TRACK A



**DESALINATION:
SYSTEM-LEVEL
INNOVATION**

TRACK B






**DESALINATION:
NOVEL MATERIALS
AND METHODS**



DESALINATION: SYSTEM-LEVEL INNOVATION (TRACK A)

The **Winning Team** will reliably and most sustainably generate one million liters of potable water per day ($1,000 \text{ m}^3/\text{day}$) from seawater at the lowest cost to ensure global accessibility, over the course of one year.

REQUIRED MAIN GOALS	
	Flow & Quality: Delivers a flow of $1,000 \text{ m}^3/\text{d}$ (1.0 MLD) while meeting WHO standards for drinking water.
	Cost: Achieves the lowest cost based on Cost of Water model scenario analysis, covering capital costs, one-year operating costs, and 3–5 years of projected costs.
	Sustainable and Reliable Operation: Emphasizes environmental responsibility while ensuring uptime, easy maintenance, and resilience.
	Global Accessibility: Demonstrates the solution's potential for global impact through an analysis of the total addressable market and achievable lowest cost.



TRACK A - ADDITIONAL AWARDS (MOONSHOTS) FOR BREAKTHROUGHS

Recognize bold innovations in **sustainable** and **environmentally** responsible desalination, awarded in the **Semifinals** and **Finals**



**MARINE-FRIENDLY
INTAKE DESIGN**



**RESOURCE
CIRCULARITY
AND BRINE
MANAGEMENT**



**ENERGY
EFFICIENCY
STEP CHANGE**

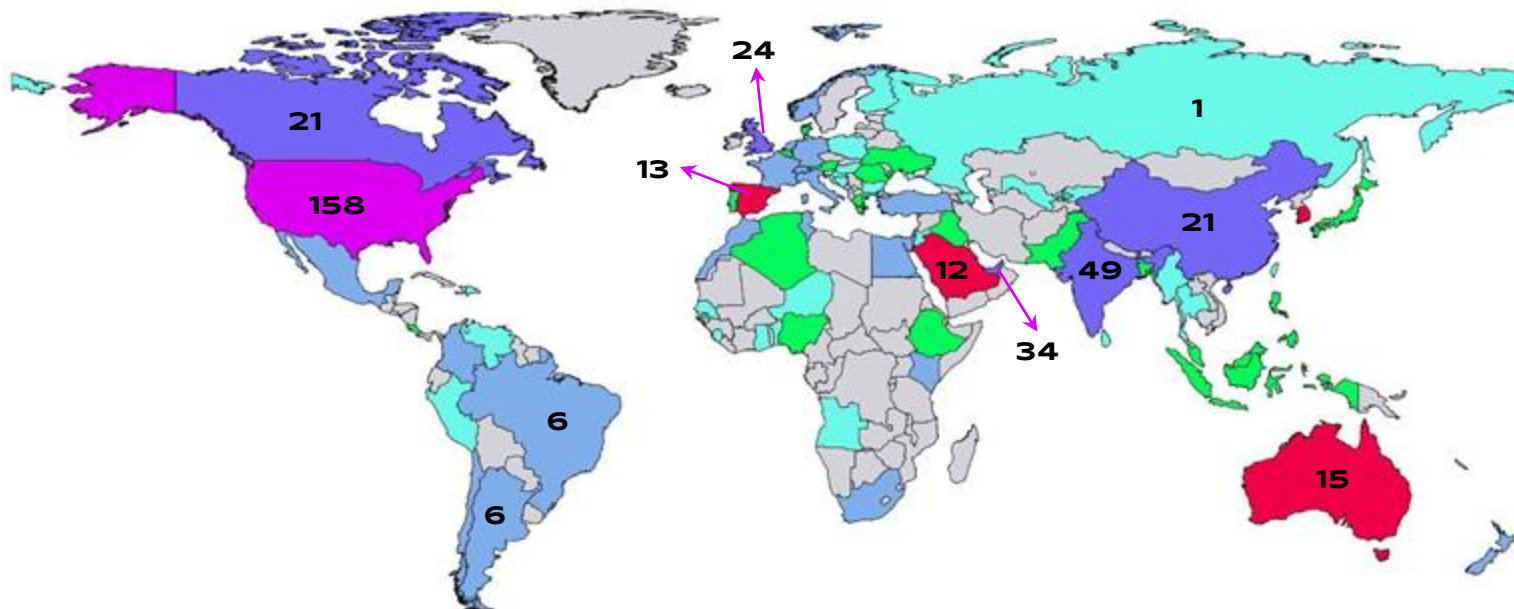


**MINIMAL
PHYSICAL
SYSTEM
FOOTPRINT**



PRE-REGISTERED TEAMS AT CLOSE OF MARCH 31, 2025

571 TEAMS / 750+ TEAM MEMBERS / 78 COUNTRIES

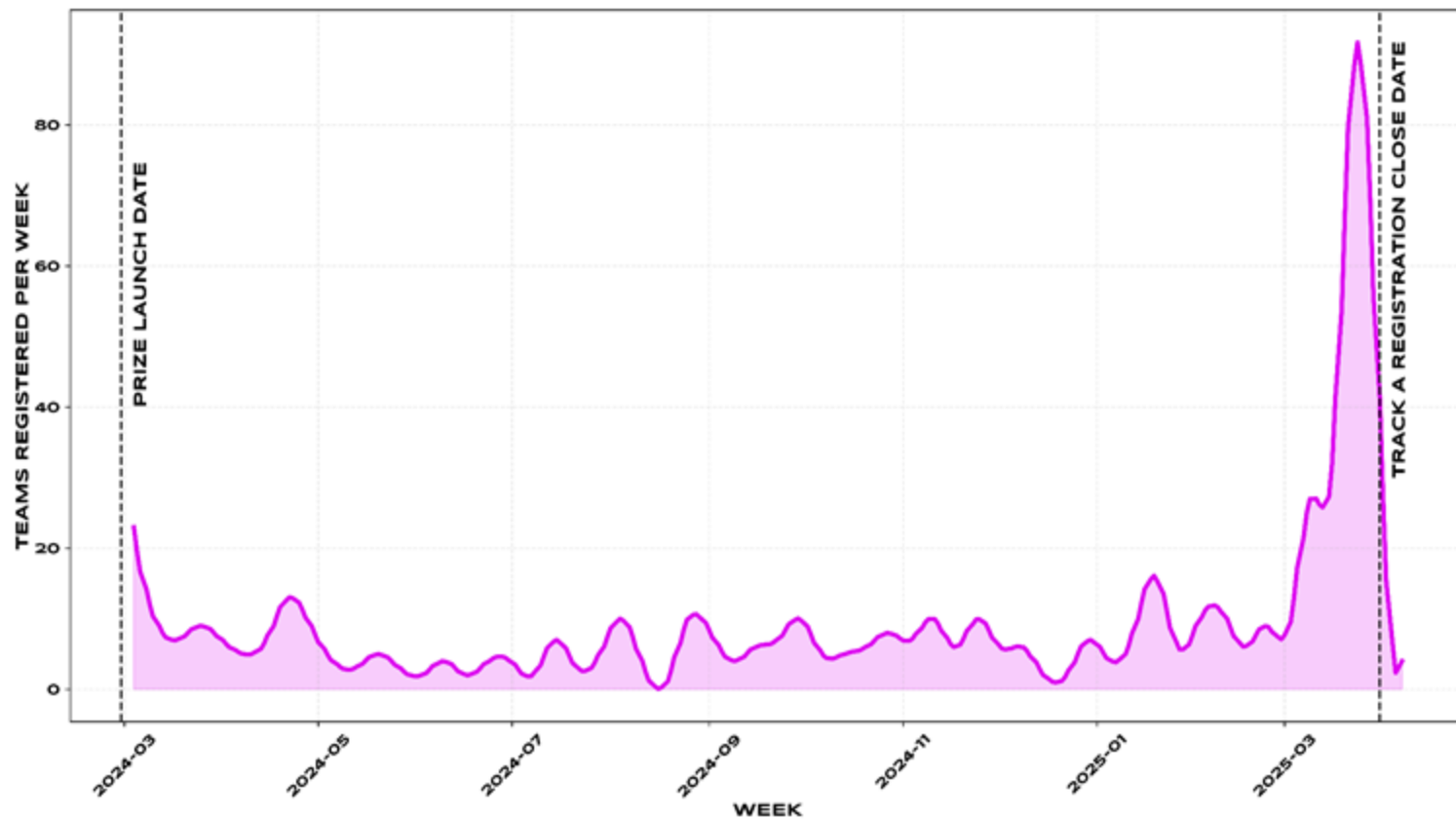


NUMBER OF REGISTERED TEAMS

0 TEAMS	3-5 TEAMS	11-20 TEAMS	>50 TEAMS
1-2 TEAMS	6-10 TEAMS	21-50 TEAMS	



PRE-REGISTERED TEAMS WEEK BY WEEK





151 REGISTERED TEAMS MAP

39 Countries | 6 Continents

Africa: 6 countries (8 teams)

Asia: 13 countries (46 teams)

Europe: 13 countries (30 teams)

North America: 2 countries (56 teams)

South America: 3 countries (4 teams)

Oceania: 2 countries (7 teams)

NUMBER OF REGISTERED TEAMS

0 TEAMS

2 TEAMS

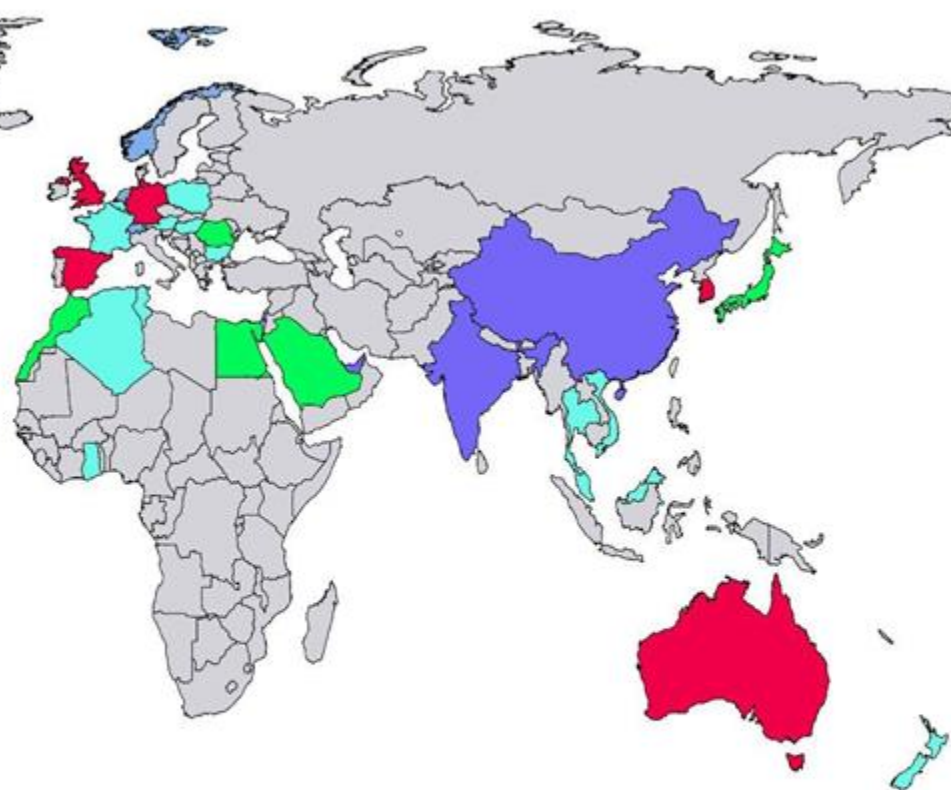
4-6 TEAMS

10+ TEAMS

1 TEAM

3 TEAMS

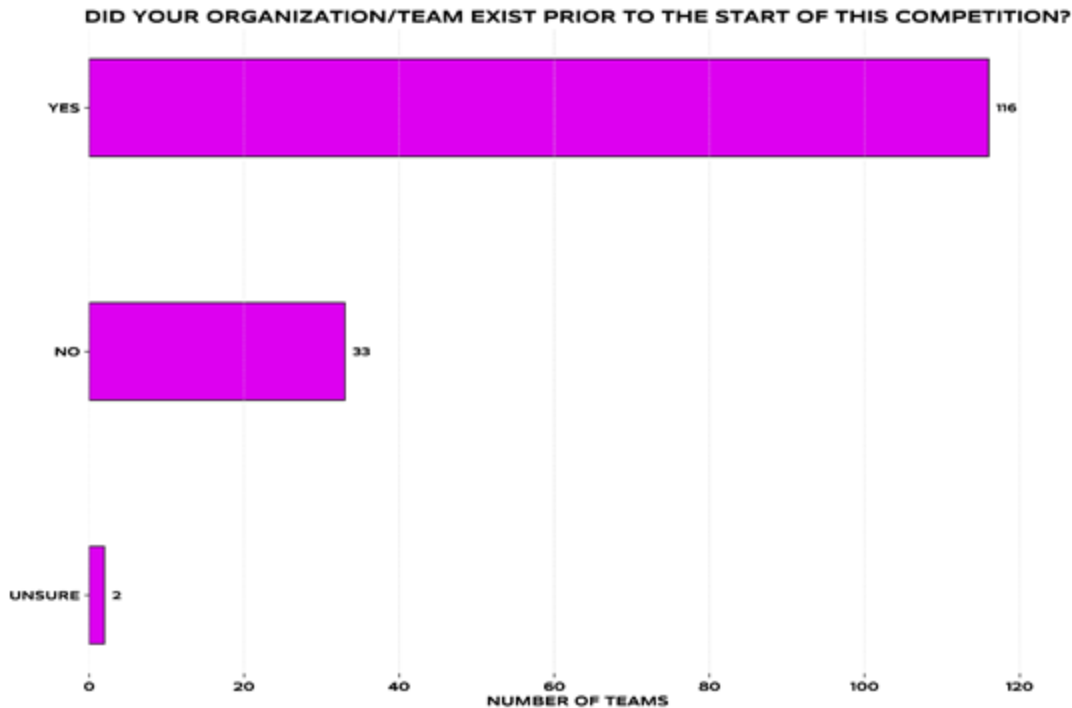
7-9 TEAMS





TEAM EXISTENCE

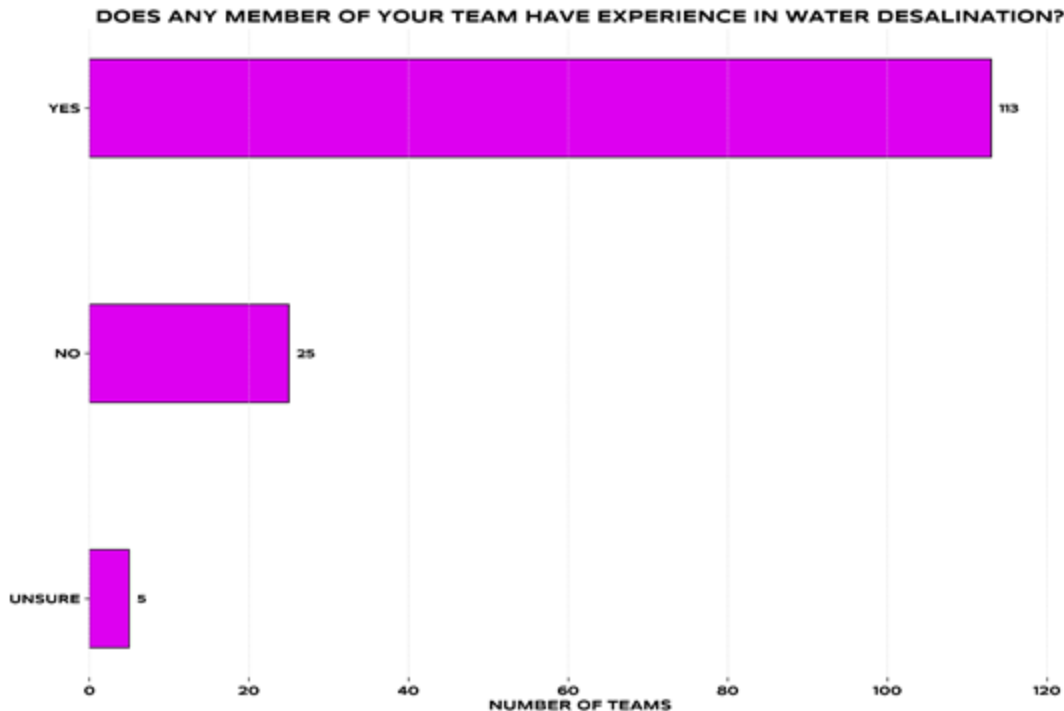
- Did your organization/team exist prior to the start of this competition?



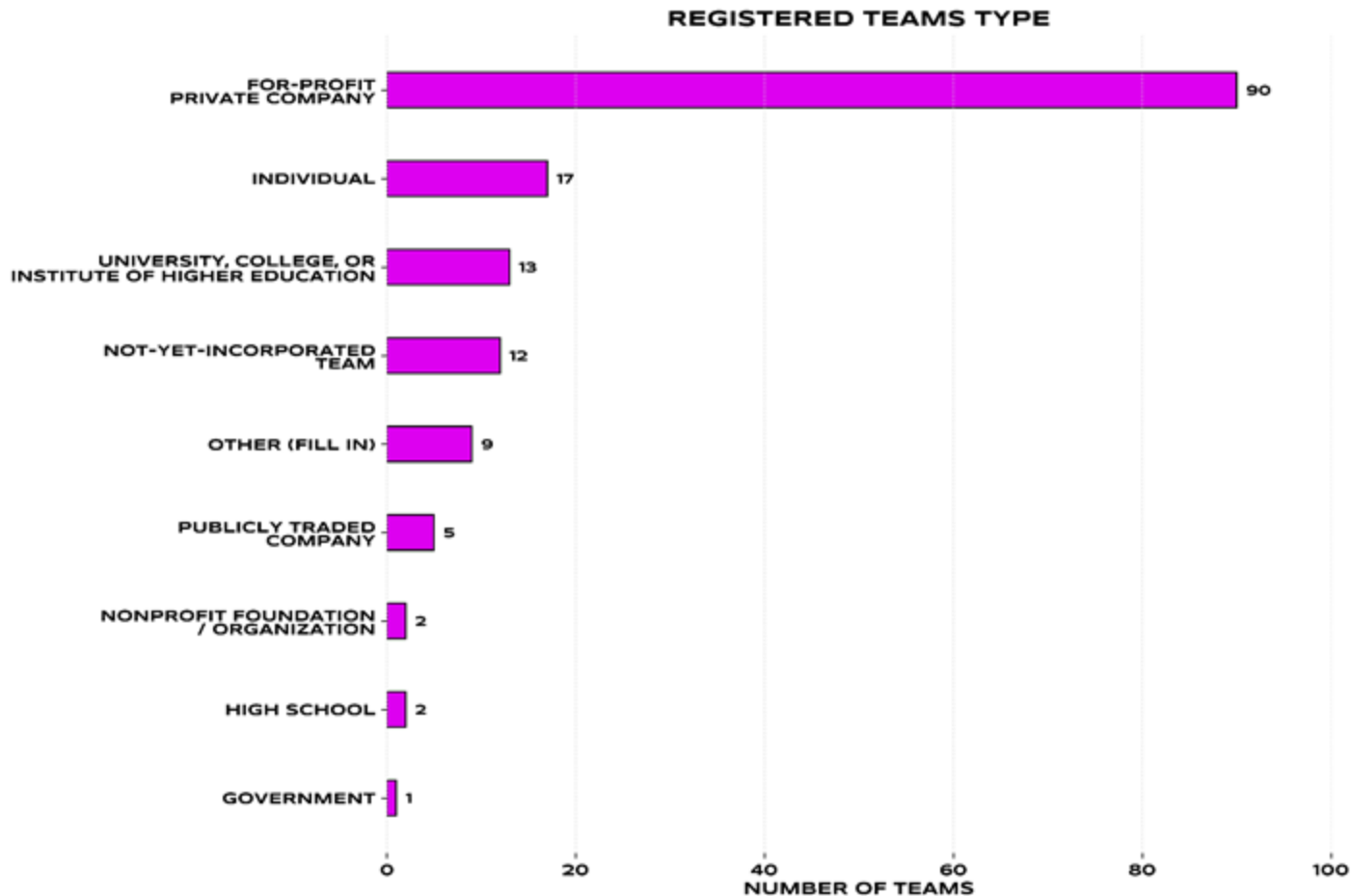


ANY PRIOR EXPERIENCE IN DESALINATION

- Does any member of your team have experience in water desalination?



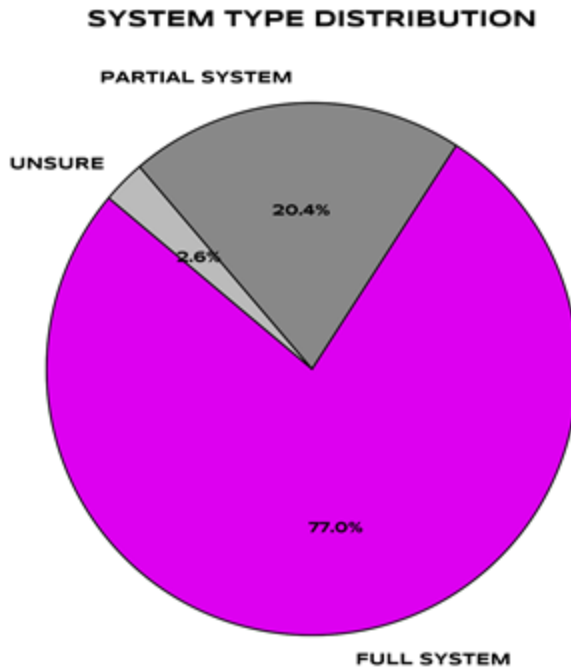
REGISTERED TEAM TYPE





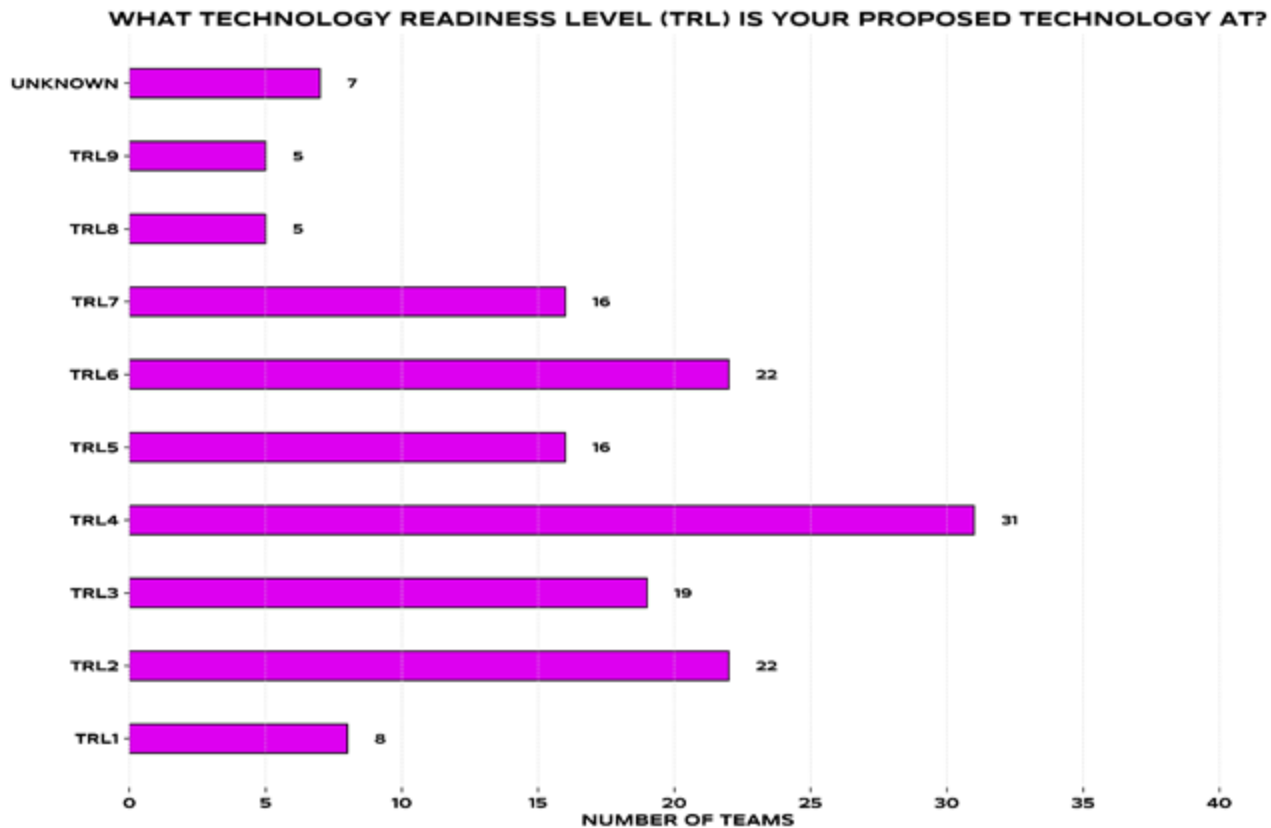
PARTIAL OR FULL SYSTEM

- Partial or Full System?





TEAM TRL LEVEL





- Headline description of your proposed technology





-
- A word cloud visualization of the 2015 World Water Forum theme, "Sustainable Energy for All". The words are arranged in a circular pattern, with "Sustainable Energy" in large, bold letters at the top and "for All" in smaller letters at the bottom. The words are in various colors and sizes, representing their frequency or importance in the theme.



- Biggest challenges to completing the competition





- [illegible]



WHAT'S NEXT & OPPORTUNITIES

- Become or join a team - **Track B Reg Closes May 31, 2025**
- Track A: Qualifying Submissions Due
- Team Matchmaking & Collaboration

Support the Prize/Teams:

- Become a Prize Partner
- Become a Judge
- Join our ecosystem





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JOIN THE **\$119M** WATER SCARCITY COMPETITION



XPRIZE.org/water

