



**XPRIZE**  
**WATER**  
**SCARCITY**

مبادرة محمد بن زايد للماء  
THE MOHAMED BIN ZAYED WATER INITIATIVE

الماء

# REGISTER NOW FOR \$10.9M COMPETITION

**FOCUSED ON NOVEL MATERIALS +  
METHODS FOR SEAWATER DESALINATION**

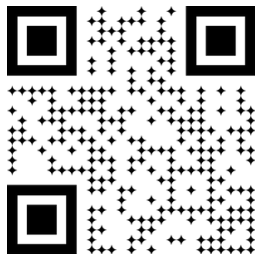
XPRIZE Water Scarcity is a global competition focused on desalination technology, and Track B of the competition is specifically looking to find novel innovations in materials and methods at the R&D/laboratory scale. This Track B competition is perfect for academic researchers, and we encourage anyone who is interested to visit our website and register.

## IMPORTANT DATES FOR TRACK B

Registration Deadline	May 31, 2025
Qualifying Submission Deadline	June 30, 2025
Testing Deadline for Qualified Teams	December 19, 2025
Semifinals Testing	3rd Quarter of 2026
Finals Testing	2nd Quarter of 2027
Award Ceremony and Winners Announced	3rd Quarter of 2027

**TRACK B IS PART OF THE OVERALL \$119M  
XPRIZE WATER SCARCITY COMPETITION**

LEARN MORE



[xprize.org/water](https://xprize.org/water)

Download the prize guidelines to learn details about the competition.



[waterscarcity@xprize.org](mailto:waterscarcity@xprize.org)



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**XPRIZE Water Scarcity is a \$119 million, 5-year global competition designed to drive widespread access to clean water by creating reliable, affordable, and sustainable seawater desalination systems. Competing teams will develop new desalination technologies to unlock access to Earth's ocean water year round, helping drive a world where clean water is equitably and sustainably abundant.**

**THE WINNING TEAM** in **Track B - Desalination: Novel Materials and Methods** will demonstrate a novel material and/or method that can sustainably and cost-effectively treat seawater to potable water quality, using any salt-water separation technique, with an operational lifetime of 10 years or more.

TRACK B - DESALINATION: NOVEL MATERIALS + METHODS			
1 <sup>st</sup> Place	\$8,000,000	1	\$8,000,000
2 <sup>nd</sup> Place	\$1,000,000	1	\$1,000,000
3 <sup>rd</sup> Place	\$500,000	1	\$500,000
Finalist Milestone Award	\$220,000	5	\$1,100,000
Semifinalist Milestone Award	\$10,000	30	\$300,000
<b>Track B Total Prize Purse</b>			<b>\$10,900,000</b>

## KEY CRITERIA FOR SUCCESS

- **Novelty & Innovation:**
  - Transformative Materials/Methods Offering Breakthrough Solutions
- **Sustainability, Cost-Effectiveness, & Quality:**
  - Affordable Seawater Desalination to Potable Water Quality and No Harmful By-products
- **Durability:**
  - Operational Lifetime of 10+ years
- **Scalability & Compatibility:**
  - Integration into Existing SWRO Systems

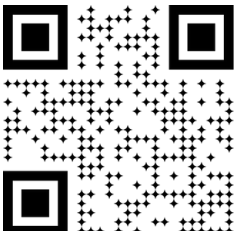
## POTENTIAL RESEARCH FOCUS AREAS

**Any Innovative Materials and Methods for Desalination can compete!**

(May Include, But Are Not Limited to):

- 🔧 **Novel RO Membrane Materials**
- 🌀 **Membrane Separation Methods and Materials**
- ⚡ **Electrochemical and Magnetic Methods**
- 🔥 **Advanced Thermal Methods**
- 🌱 **Biomimetic Materials and Methods**
- 🔋 **Advanced Electrodes, Solvents**

LEARN MORE



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✉ [waterscarcity@xprize.org](mailto:waterscarcity@xprize.org)

XPRIZE is the recognized global leader in designing and executing large scale competitions to solve humanity's greatest challenges. For 30 years, our unique model has democratized crowd-sourced innovation and scientifically scalable solutions that accelerate a more equitable and abundant future.