



COP28
UAE

ENGAGING WITH TECHNOLOGY, INNOVATION & ENTREPRENEURSHIP AT COP28



August 9, 2023

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ABOUT THE TECH & INNOVATION HUB

With the objective of accelerating climate action, the **Technology and Innovation (T&I) Hub** will spotlight technologies and solutions from across the world with real potential for **impact** and **scaling**. The Hub will act as a catalyst for enabling government, businesses, and civil society to collaborate and leverage technologies and innovative solution to address the most pressing sustainability challenges of our time.

WHO IS THE HUB FOR?

We invite all stakeholders wanting to create a sustainable future via technology, innovation and entrepreneurship to join us at COP28. Whether you are a:

- ❖ **STARTUP** developing innovative climate solutions,
- ❖ **VENTURE CAPITAL FIRMS / FAMILY OFFICES / ANGEL INVESTOR / INSTITUTIONAL INVESTOR** seeking to invest in climate-tech,
- ❖ **GOVERNMENT ORGANIZATION** shaping climate policies,
- ❖ **CORPORATE** looking for sustainable business solutions
- ❖ **GOV / SEMI-GOV / INCUBATOR / ACCELERATOR** building climate-tech ecosystems
- ❖ or a **CIVIL SOCIETY ORGANIZATION** advocating for positive change,

The Technology & Innovation (T&I) Hub is the perfect place for collaboration, knowledge exchange, and forging partnerships.



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Technology & Innovation



	Description	Value proposition	To attend	To participate
Green Zone	The Green Zone offers a platform to non-accredited delegates, including youth groups, civil society, NGOs, the private sector, and Indigenous Peoples, to have their voices heard, promoting dialogue and awareness about climate action.	For all COP28 attendees, who wish to be present in the Green Zone	Open to public	For more information on Green Zone passes, UAE visas, and accommodations Click here
Tech-stage Programming (T&I Hub)	The Technology & Innovation Hub, will contain a dedicated stage with 2 weeks of curated programming that explores the enabling role of technology, innovation & entrepreneurship in tackling climate change. The stage will explore various topics in alignment with the COP 28 thematic days in a variety of engaging formats.	Fostering the right environment for startups, VCs, angel investors, climate tech orgs, and policy-makers to contribute to programming and meet the right partners	Open to public	Tech Stage Programming Request Form
Programming	Other programming opportunities at COP28 outside the T&I Hub	Explore other venues and programming opportunities at COP28.	Open to public	Contact: programming@cop28.com
Startup-village (T&I Hub)	Startup-village is a dedicated space in the T&I Hub focused on showcasing the most innovative climate tech startups. 75 kiosks will be available over the two weeks for startups to be featured for an audience of philanthropists, investors, corporates, and tech enthusiasts.	Excellent opportunity for startups to display solutions to potential customers, investors, VCs, and accelerators	Open to public	Contact: sponsorship@cop28.com
Showcase Sponsor (T&I Hub)	Showcase spaces available within the T&I Hub dedicated to private sector participation. Various packages available, with freedom to design space according to the organization's objectives and desired functions or activities to be hosted.	Forward-thinking brands and companies have the opportunity to demonstrate their commitment to Net-Zero and climate action through showcasing innovative products and climate solutions.	Open to public	Contact: sponsorship@cop28.com



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Green Zone

Green Zone Vision

COP28 UAE will develop a Green Zone that will redefine and reposition purpose and intent.

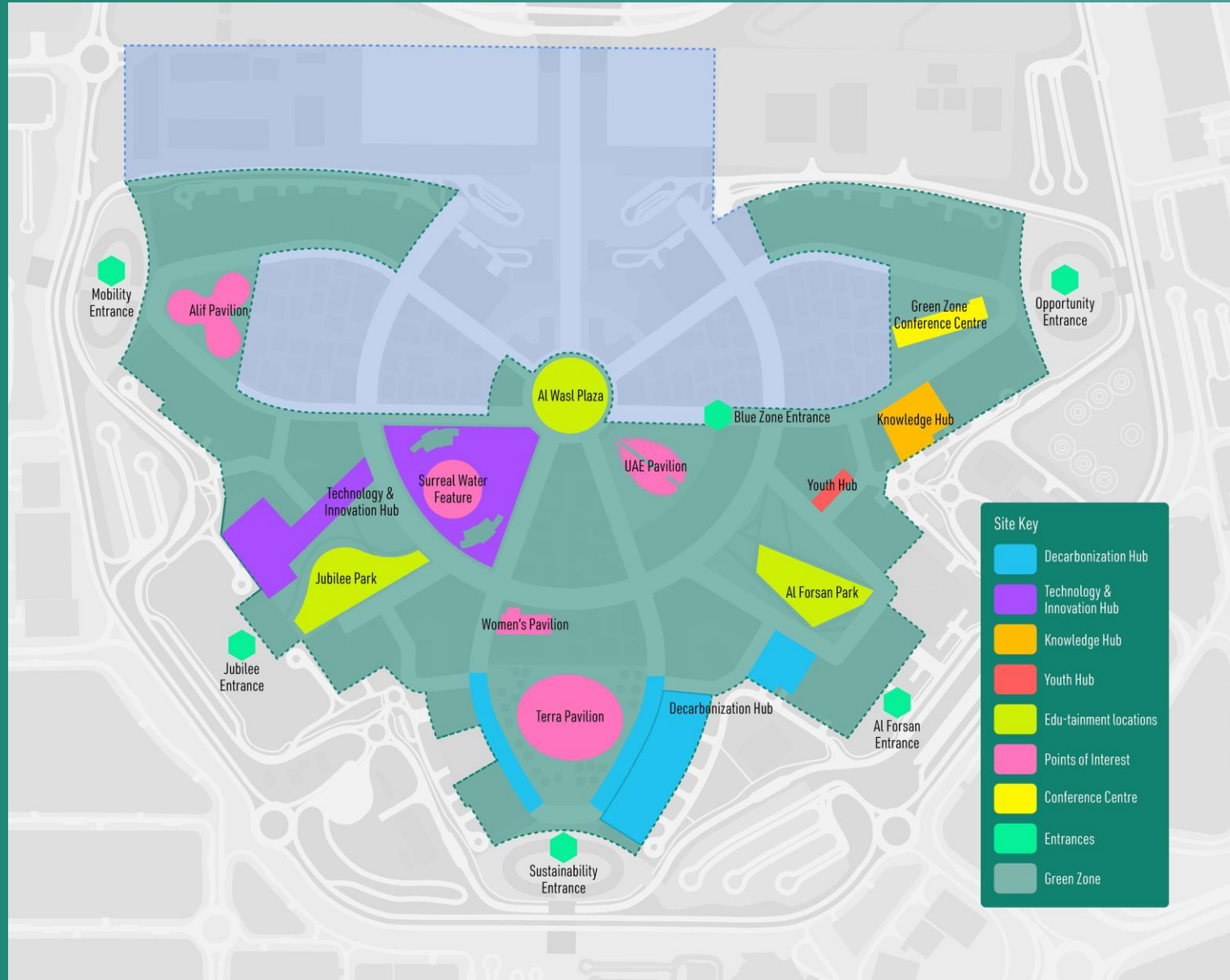
The COP 28 Presidency believes that government and private sector have to work closely together in order to address climate change. COP 28 Presidency has a different approach to the Green Zone, offering the private sector an opportunity to showcase their contributions and solutions to the global climate challenge.



Green Zone Map



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Green Zone hubs and layout are NOT final and subject to change

Overview: Technology & Innovation Hub



Indicative images; pending final requirements

Future-proofing, Pioneering, and Impactful

The Technology and Innovation HUB represents the convergence of cutting-edge technologies and progressive thinking to deliver innovative solutions and tackling climate change. This Hub acts as a catalyst for enabling government, businesses, and civil society to collaborate and leverage technologies to address the most pressing sustainability challenges.



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Tech-Stage Programming

COP28 Two Week Thematic Program



Nov 30	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9	Dec 10	Dec 11	Dec 12
Opening	World Climate Action Summit	World Climate Action Summit	Health / Relief, Recovery and Peace	Finance / Trade / Gender Equality Accountability	Energy, Industry, and Just Transition	Multilevel Action, Urbanization and Built Environment / Transport	Rest	Youth, Children, Education and Skills	Nature, Land Use, and Oceans	Food, Agriculture and Water	No theme day	No theme day

CROSS-CUTTING THEMES



Technology and innovation



Inclusion (including but not limited to Indigenous Peoples and local communities, youth empowerment, and gender equality)



Frontline communities



Finance

Technology & Innovation Stage Programming Sub-themes



	01-Dec	02-Dec	03-Dec	04-Dec	05-Dec	06-Dec	08-Dec	09-Dec	10-Dec
	World Climate Action Summit		Health/ relief, Recovery and peace	Finance/ Trade/ Gender Equality Accountability	Energy, Industry, and Just Transition	Multilevel action, Urbanization and Build environment / Transport	Youth, Children, Education and Skills	Nature, Land Use and Oceans	Food, Agriculture and Water
Macro Challenges	Reserved for cross-cutting programming centered around: The role of high-tech and innovation in tackling climate mitigation & adaptation	Reserved for cross-cutting programming centered around: Climate-tech ecosystem building Topics include ecosystem challenges, players, enabling links between regions and supporting global south ecosystems	Climate Change Induced: Pandemics, Conflict, Internal displacement, Migration, water, sanitation & hygiene (WASH) Deterioration, Infrastructure Stress	Financing the Just Transition: Standardizing climate finance, Finance for at risk communities, Equitable access to climate-tech funding, Accountability of ESG portfolio management Women in climate-tech	Enabling the Just Energy Transition: Energy access, decarbonizing power sector and heavy emitting sectors, upgrading and expanding infrastructure (including energy carriers of the future)	Climate change and urbanization: resource footprint of cities, climate proofing existing infrastructure, climate-responsive urban planning, circular economy Decarbonizing mobility and logistics: electric and alternative fuel vehicles (Evs/AFVs), public transport, cold chains	Education and skills for climate action: integrate climate in k-12 curriculum, green skills in higher education, reskill existing workforce, climate-tech skills of the future Impact of climate change on youth: Youth representation in climate tech initiatives, impact of climate on youth	Climate change causes and challenges on the world around us: ocean pollution causes and challenges, habitat and biodiversity loss, addressing challenges on planetary boundaries, challenges facing coastal ecosystems and communities; role of wetlands, mangroves and grasslands in climate resilience	Environmental footprint of food and water systems: climate resilient agriculture, food loss and waste, livestock production, effects on pests and diseases, deteriorating stocks Climate impact (chronic and acute) on food and water security: planning, production, quality, storage, access, and affordability
Tech solutions (new and existing)	Topics include role of AI, block chain, IoT, quantum computing, advanced materials, etc. in climate tech		Climate Change Resilience: Disease monitoring, disaster forecasting, emergency coordination, financial and medical solutions for at risk populations	Fintech Solutions for Climate: Payments, Banking, Lending, Investing, Trading, Risk Analysis, InsureTech, GovTech, RegTech	Decarbonization Drivers: Energy storage, hydrogen, electrification, smart grids, Data and analytics Decarbonization tech: Distributed energy resources (DERs), nuclear	Tech solutions for urban environment: urban resilience incl. sponge cities, smart cities, public transit optimization, waste management and recycling, urban air quality monitoring Scaling electric mobility: adoption, breakthroughs, and charging infrastructure	Future-proofing education through tech literacy: navigating uncertainty, building resilience incl. resilience against uprooting, upskilling existing work force Youth empowerment via tech: social media and climate activism	Understanding, mitigating and reversing climate change effects through technology: valuation of ecosystem services, protecting nature through climate monitoring and big data analytics, tech-aided wetland, and coral reef restoration, ocean cleanup technologies	Sustainable agriculture practices through technology: crop and livestock breeding, sustainable and climate-resilient agriculture, alternative proteins, cold chains Water management via tech: monitoring and data collection, smart irrigation systems, greywater systems, climate-resilient water infrastructure, water purification systems, groundwater purification systems, desalination
Enablement			Unlocking private-sector finance and insurance for adaptation and recovery Enhancing resilience through capacity building especially for at risk communities	Increased digital, climate and financial literacy amongst at risk populations (including women)	Scaling energy innovation: Commercialization of R&D, Financing of solutions, Regulatory frameworks	Stakeholder inclusion and management Climate relevant policies: green public procurement, climate considerations in PPPs	Showcasing online platforms including e-libraries, and open educational resources; capability building	Empowering at-risk, and indigenous communities through capability building and technology; role of watershed management, public awareness and education	Assessing roles of policies in food, agriculture, and water: education on and incentives for climate-smart practices, and sustainable land-use, carbon farming and payment for ecosystem services, financing agri-tech, water-tech solutions

The above table is meant as a guidance document and is not to be considered exhaustive

Technology & Innovation Stage Programming Formats



Formats	Format Details	Description	Duration
Keynotes	1 speaker	Delivered by a climate-tech leader at start of day to introduce the theme , and inspire attendees	Up to 15 minutes
Panels	3 to 4 panelists + moderator	Senior climate leaders will have moderated discussion on the specific sub-theme including Q&A	40 – 50 minutes
Fireside Chats	2 speakers	1-on-1, casual discussion between two climate-tech leaders on their experiences including Q&A	15 - 25 minutes
Interviews	1 speaker + moderator	Formal 1-on-1 interview of a climate tech leader including Q&A	30 - 40 minutes
Knowledge Sharing	1-2 presenters	Presentation on a specific topic with objective of capability building including Q&A	30 – 40 minutes

Considerations

1. Focus on diversity of opinion and inclusivity across programming through:
 - **Diversity of organizations and interests** (start-up, corporate, NGO, gov't etc.)
 - Adequate representation of **voices from the Global South**
 - Adequate representation of **youth and other constituencies**
 - **Gender parity**
2. Partner proposals must follow one of the approved formats and be within the time limits set within the application form. Multiple session proposals are welcomed, and can be submitted via the same application.

[**Click here to Apply**](#)



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T&I Hub Spaces

T&I Hub Start-up Village



75 startups kiosks clustered around Surreal Water Fountain linked to the Technology & Innovation Hub.

Perfect for showcasing interesting and novel climate-tech startups

Cost:

- 25k AED/ kiosk/ week



SHOWCASE PARTNERS	SIZE (SQM)	QTY	IDENTIFIED LOCATION
START-UPS - Small	9 Sqm*	60	Existing kiosks Surreal Area
START-UPS - Big	12 Sqm*	15	Existing kiosks Surreal Area
Additional kiosks	12 Sqm	N/A	Temporary Build

Change-over / rest day on Dec 07

Start-up Village Criteria



Sustainably-driven, innovative, hi-growth businesses (startups, scale-ups, hi-growth companies) who deploy emerging technologies or solutions that enact positive action in the climate space. Eligible companies must be market-ready and have unique strong climate credentials to achieve net zero commitments by 2050.

All companies should meet the following criteria:

Established:



- Proven viability and market-ready, pending further investment and/or support to scale
- Product or service at advanced stage of development (not prototype or MVP stage)

Impact:



- Market validated company, with some funding already secured and potential to scale significantly
- Potential for real climate impact, economic impact, and technological innovation
- Credible short and long-term action plan to achieve tangible goals (e.g. Science Based Targets)

Committed:

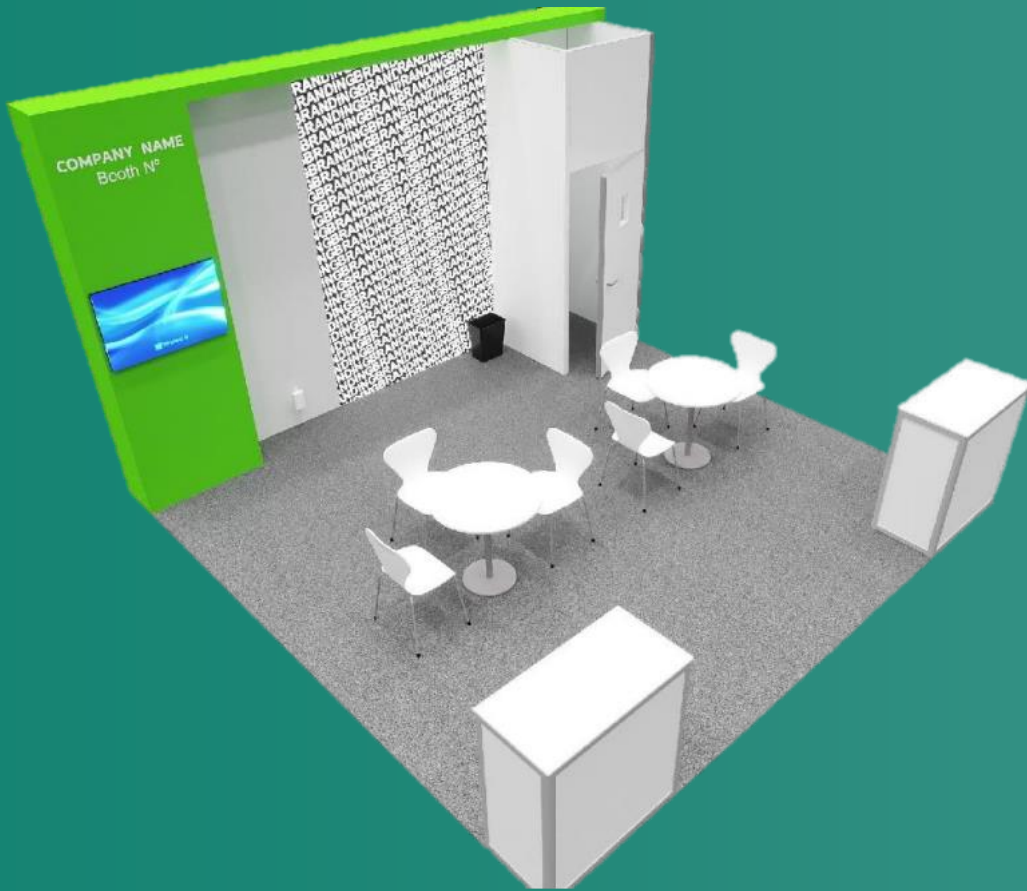


- Organization is committed to positive action in the climate space
- Registered company operating for over 2 years (or equivalent credentials), no longer than 9 years
- Team of at least 3 members, with a proven track record, no more than 300
- Not a spin-off or subsidiary of an existing company

T&I Hub Sponsor Spaces



- Type of Participants: Global companies presenting cutting edge and transformational technologies
- Current T&I Hub Capacity: 75% Occupancy
- Curation: Participants have the freedom to design their space according to the organization's objectives and desired functions or activities to be hosted.



Package	Package description	Hub	Pricing	Green Zone benefits
Type 1	Forward-thinking brands and companies have the opportunity to demonstrate their commitment to Net-Zero through showcasing innovative products and climate solutions.	Technology & Innovation Hub	Pricing details to be provided by COP28 Sponsorship team	150 sqm showcase space
Type 2				100 sqm showcase space
Type 3				72 sqm showcase space
Type 4				50 sqm showcase space
Type 5				25 sqm showcase space
Type 6		Decarbonization Hub		25 sqm showcase space
Type 7		Technology & Innovation Hub		20 sqm showcase space

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Thank You

