



AI-S Hub

Leveraging Technology for a Sustainable Future

The AI-S Hub, initiated and championed by the Chief Sustainability Officers Network (CSO Network) and ADNOC Group, is a mission-driven initiative dedicated to leveraging Artificial Intelligence (AI) to create a more sustainable and resilient world.

In today's world, where we face significant environmental and social challenges, AI can help us become more energy-efficient, optimize resource management, and protect our planet. Beyond environmental protection, the AI-S Hub focuses on promoting leveraging technology to drive social progress and build resilience. By integrating AI into sustainability efforts, we aim to create a future where technology, environment, and social well-being are interconnected.

Mission: Transforming Sustainability with AI

Our mission at AI-S Hub is to revolutionize how we approach sustainability by integrating AI to enhance energy efficiency, reduce carbon emissions, foster innovation, and support inclusive growth. We aim to build a collaborative ecosystem where governments, the private sector, academia, and students can come together to create innovative solutions that not only protect our environment but also drive economic progress and social development.

Strategic Initiatives: Driving Innovation and Collaboration

Building strong partnerships with academia and industry is central to our approach. To advance AI research and application in sustainability, we will collaborate with leading academic institutions and industry partners. These partnerships will facilitate joint research projects and knowledge exchange. Our strategic initiatives include:



- Hackathons and Accelerator Programs: the Hub will organize hackathons and partner with regional accelerators to leverage AI to solve sustainability challenges. These events will bring together people from diverse backgrounds to develop innovative AI solutions. Participants will collaborate and brainstorm to create solutions for various sustainability issues. They will have opportunities to test their solutions, working alongside industry experts, academics, and AI enthusiasts to foster innovation and create a broader impact. The hub aims to be the premier regional platform for AI for Sustainability startups and scaleups.
- AI for Sustainability University Challenge: the challenge will involve universities with multiple disciplines, including engineering, computer science, and environmental science. Students will be encouraged to innovate and submit conceptual and practical projects leveraging AI for sustainability. They will compete for grants, internships, and opportunities to present their solutions globally.
- Internships for AI in Sustainability: internships will offer top students from the AI for Sustainability University Challenge practical experience in using AI for sustainability. Interns will be placed at companies from the Chief Sustainability Officers Network, where they will work on real projects that integrate AI technologies like machine learning and data analytics. They will receive mentorship and access to advanced AI tools and datasets, contributing to important sustainability initiatives and gaining valuable skills for their careers.
- Thought Leadership: producing high-quality research that focus on key regional issues in the field of AI for sustainability such as water scarcity. By sharing our insights and findings, we aim to influence policy, drive innovation, and inspire a global movement towards sustainable development using AI.