

Press Release

DEWA launches new Disruptive Lab at its Distribution Power Division Complex

Dubai, UAE, 19 July 2023: Dubai Electricity and Water Authority (DEWA) has inaugurated a new Disruptive Lab at its Distribution Power Division Complex in Al Ruwayyah. DEWA Disruptive Lab (DDL) was opened by Rashid Bin Humaidan, Executive Vice President of Distribution Power at DEWA, and other DEWA officials. DDL is a new hub to implement DEWA's Innovation and Future Shaping Framework. It provides a scientific environment that encourages DEWA's engineers and innovators to develop and test the disruptive technologies of the Fourth Industrial Revolution. The lab also promotes partnerships and exchanging experiences with leading global institutions in DEWA's work areas.

"We work in line with the directives of the wise leadership to anticipate the future of strategic sectors based on sound scientific foundations and a clear vision that anticipates future challenges and turns them into promising opportunities. DDL supports the Innovation and Future Shaping Framework, which was inspired by the words of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai: 'The future belongs to those who can imagine it, design it, and execute it'. These have become the three main phases of DEWA's Innovation and Future Shaping Framework, 'Imagine, Design, and Implement.' We translate the words of His Highness to strengthen Dubai's position as a hub for creativity and innovation by reshaping the traditional concepts of work mechanisms to suit the rapid global changes. We are committed to utilising all resources and capabilities, providing an environment that motivates innovation and creativity, and helping Emirati competencies to anticipate and shape the future to contribute to realising DEWA's vision as a globally leading sustainable innovative corporation committed to achieving net-zero emissions by 2050," said **HE Saeed Mohammed Al Tayer, MD & CEO of DEWA.**

Marwan Bin Haidar, Executive Vice President of Innovation & the Future at DEWA, said that the Innovation and Future Shaping Framework features three main phases. Each phase uses different tools, including strategies, action plans, and pioneering initiatives. It also includes nine enablers: Foresight Tools; Knowledge Management; Innovation and Future Policies; Partnerships; Research & Development; Human Capital; Performance Management; Future Platforms; and Innovation Platforms.

Rashid Bin Humaidan, Executive Vice President of Distribution Power at DEWA, explained that the prototypes developed by DDL at DEWA's Distribution Power Division Complex include a Speech-to-Text smart application that streamlines the work of engineers and field technicians when writing observations and notes

that can later be uploaded to DEWA's system or share them with other colleagues. Furthermore, the lab is currently developing a project for manufacturing electric vehicle (EV) chargers for different types of EVs, enhancing efficiency and reducing costs.

In March 2023, DEWA inaugurated the Disruptive Lab at Al Hudaiba building. The lab uses concept design methodologies to help business teams identify requirements and challenges and develop innovative solutions. It also invests in Computer-Aided-Design (CAD) software to create digital models and simulations that can be used for testing and validation.

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Photos Caption (1), (2), (3), (4):

A group of DEWA officials during the launch of the new Disruptive Lab at DEWA's Distribution Power Division Complex

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