Key Messages & Recommendations

The 35th Water Treatment Technology & Energy Efficiency Conference

01 Deepening partnerships between industry, universities, scientific research centers, and the private sector.

02 Enhancing integration and maximizing water and energy efficiency, and expanding reuse and safe, sustainable production.

03 Developing, localizing, and adapting advanced treatment technologies, desalination, and membranes, and expanding ZLD systems and resource recovery.

04 Expanding pilot projects, verifying the efficiency of modern technologies before deployment, and promoting green financing and sustainable investments.

05 Expanding renewable energy integration projects, reducing the carbon footprint, supporting the circular economy, and utilizing waste and secondary resources.

06 Accelerating digital transformation and employing artificial intelligence to enhance chemical treatment efficiency, and the reliability of operation, maintenance, and monitoring systems.

07 Enhancing governance and sustainable management of groundwater resources as a vital water resource requiring integrated and sustainable management.

08 Developing and implementing integrated systems for water auditing, measurement, and operational monitoring.

09 Investing in capacity building, qualifying human resources, and preparing future generations.

10 Incorporating and applying the WEFE Nexus Approach (Water, Energy, Food, and Ecosystems) within the framework of enhancing water, food security, and energy sustainability, as one of the priority themes in the upcoming conference, 36th edition, God willing.