Kurita Water Solutions

Sustainable Innovations for the Next Generation
Introduction
World Challenges

- Clean water
  - Long-term perspectives

- Food
  - Peace and conflict
  - Status of women
  - Transnational organized crime

- Energy
  - Global convergence of IT
  - Global ethics
  - Rich – poor gap
  - Democratization
  - Health issues

- Science and technology
- Capacity to decide
- Population and resources
Water Scarcity

• By 2050 **one in four people** is likely to live in a country facing either chronic or recurring shortages of fresh water.
  (Source: The United Nations 2018)

• Global Water Demand is projected to **increase by 55%** due to growing demand from Manufacturing, Thermal electricity generation and Domestic use.
Create a Sustainable World with KURITA

- Support the Sustainable Development Goals (SDGs) developed by the UN
- Focused on the future to protect the next generation
- Environmental improvement through our unique technologies

https://sustainabledevelopment.un.org/?menu=1300
Our goal: A Water-Secure World

KURITA solutions help to achieve sustainable operations

- Complete water cycle world
- Total solutions for industries and society
Water Solutions

Facility
- Ultra pure water
- Pre-filters
- MF, UF systems
- RO Membrane

Chemical
- Boiler & Cooling
- Wastewater
- Membrane treatment
- Cleaning

IoT
- Monitoring & Controlling
- Big data analysis
- Data utilization
Water Supply
Stable Water Supply

KURITA Water Supply solutions provide stable quality and quantity water

- RO/SWRO
- Pure water treatment
- Ultra pure water treatment

facilities & chemicals
Refining Applications

KURITA Water Refining solutions optimize all industrial water

- Cooling & Boiler water treatment chemicals
- Process water treatment facilities & chemicals
Efficient Reclamation Solutions

KURITA Water
Reclamation solutions support water reuse initiatives

- Wastewater treatment
- Wastewater reclamation

facilities & chemicals
Together With Us

What can we achieve together for the next generation?