

Table of contents

1. Desalination & Reuse Market Overview

- a. Key market drivers: Water scarcity – *includes analysis of water management solutions and discussion of different desalination and reuse strategies within each of the following:*
 - i. Unusually severe drought
 - ii. Increased urban water demand and limited conventional supplies
 - iii. Increased agricultural water demand and limited conventional supplies
 - iv. Increased seasonal shortages on islands with increasing water demand
 - v. Extraction industries in water scarce areas
- b. Key market drivers: Industrial processes and regulation
 - i. Mining
 - 1. Market overview and water needs
 - 2. Desalination profile
 - 3. Reuse profile
 - 4. Future trends and developments
 - ii. Upstream oil & gas
 - iii. Refining & petrochemicals
 - iv. Power
 - v. Other industries
 - vi. Market forecast
 - 1. By application
 - 2. By region
 - 3. By technology

2. Forecast definitions and methodology

3. Global desalination outlook

- a. Market breakdown by:
 - i. Feedwater type
 - ii. Technology type
 - iii. Regional trends
 - iv. Application type
- b. Cost of desalination
- c. Key market players
- d. Market forecast
 - i. Contracted & operating capacity
 - 1. By plant type
 - 2. By plant size
 - ii. Capital expenditure
 - 1. By plant type
 - 2. By equipment category
 - iii. Operating expenditure
 - 1. By plant type
 - 2. By category

4. Global water reuse outlook

- a. Definitions and applications
- b. Market breakdown by:
 - i. Technology type
 - ii. Application type
 - iii. Regional trends
- c. Costs
- d. Market forecast
 - i. Additional & cumulative capacity
 - 1. By plant type
 - 2. By plant size
 - ii. Capital expenditure
 - 1. By plant type
 - 2. By equipment category
 - iii. Operating expenditure
 - 1. By plant type
 - 2. By category

5. Technology options

- a. Desalination technologies
 - i. Reverse osmosis
 - ii. Thermal desalination technologies
 - iii. Other desalination technologies
- b. Membrane bioreactors (MBR)
- c. High pressure membranes (RO/NF)
- d. Low pressure membranes (MF/UF)
- e. Disinfection
- f. Key market players
- g. Market forecast
 - i. Spending on technologies (capex & opex)
 - 1. By plant type
 - 2. By technology
 - 3. By sector

6. Country profiles – each country will be structured in a similar format

- a. Australia
 - i. Top market opportunities
 - ii. General indicators
 - iii. Water availability and demand
 - iv. Water sector structure
 - v. Desalination profile
 - 1. Annual cumulative and additional contracted desalination capacity
 - 2. Profile of cumulative installed desalination capacity
 - 3. Utility desalination (inc. top desalination plants)
 - 4. Industrial desalination (inc. top desalination plants)
 - vi. Reuse profile
 - 1. Utility reuse (inc. top reuse plants)
 - 2. Industrial reuse (inc. top reuse plants)

- vii. Key clients and offtakers
- viii. Proposed plants and opportunities
- ix. Market forecast
 - 1. Contracted and operating capacity
 - By plant type
 - By plant size
 - 2. Capital expenditure
 - By plant type
 - By equipment category
 - 3. Operating expenditure
 - By plant type
- b. Caribbean
- c. Chile
- d. China
- e. Egypt
- f. India
- g. Iran
- h. Israel
- i. Japan
- j. Kuwait
- k. Mexico
- l. Morocco
- m. Oman
- n. Qatar
- o. Saudi Arabia
- p. Singapore
- q. South Africa
- r. Spain
- s. Taiwan
- t. Tunisia
- u. United Arab Emirates
- v. United States