

KYNAR® PVDF WATER FILTRATION MEMBRANE CASE STUDY

KYNAR® MG15 AT ISTANBUL AIRPORT
WASTE WATER REUSE PLANT

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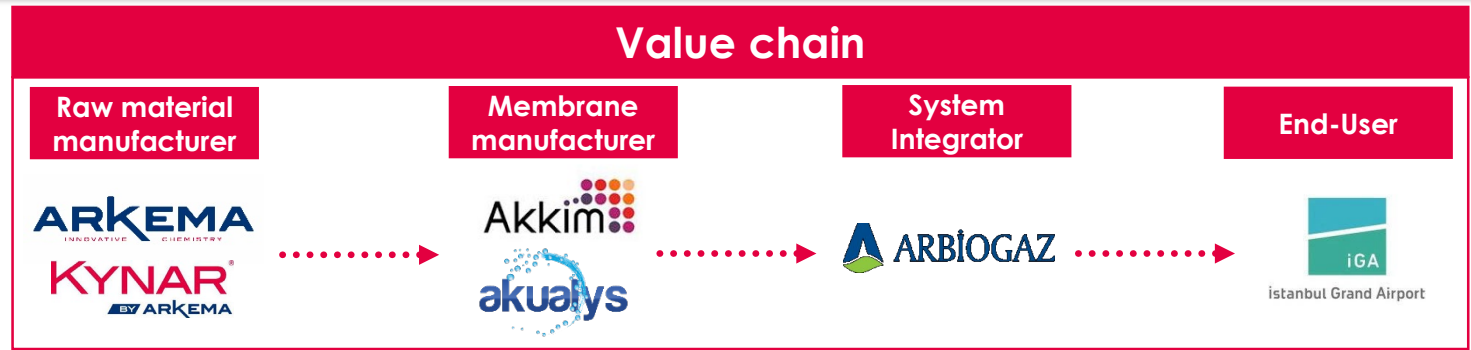
KYNAR® MG15 AT ISTANBUL AIRPORT WASTE WATER REUSE PLANT

Istanbul, Turkey
Istanbul International Airport



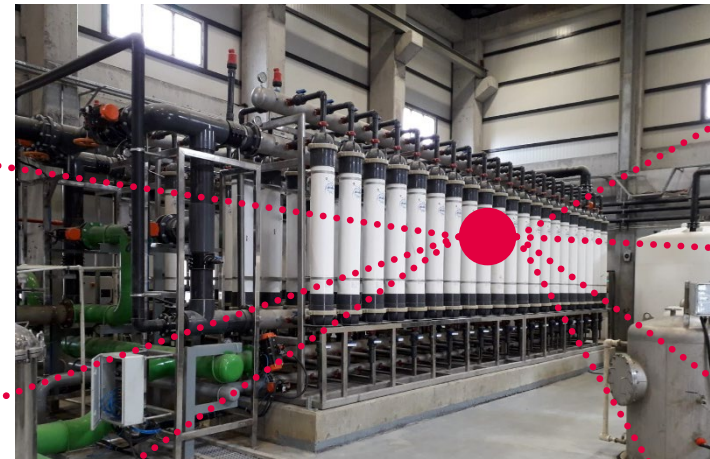
Key facts about Istanbul International Airport

- 90 million passengers annual capacity
- 6000 m³/day UF recycling facility was established to collect and refine the entire field's wastewater, rainwater and wastewater



Feed Water:
Turbidity <5 NTU
TSS <5 mg/L
TOC <10 mg/L

Water segment:
Reuse



KYNAR® G150*
BY ARKEMA

Flux: 43 l/m²h

Capacity: 250 m³/h

CIP:
Expected frequency
once a year

Backwash:
Low Chemical consumption
Caustic & Acid & Chlorine

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