

PWT Wasser- und Abwassertechnik GmbH

Company Presentation



Water
is our
Profession!



Milestones – Reliable Partnerships since 50 years

1989

Takeover of Salzgitter AG by Preussag AG

1998

Fusion of water activities of the Preussag Group in Preussag Wassertechnik GmbH

2004

Joining forces with Amiwater, a company of the Amiantit Group

1990

Foundation of Preussag Noell Wassertechnik GmbH

2001

Name change to PWT Wasser- und Abwassertechnik GmbH

PWT

Headquarter: Zwingenberg (near Frankfurt a. Main), Germany

Staff: approx. 250 employees worldwide

Presence in 10 countries



Presence in 10 Countries

Germany

Saudi Arabia

Turkey

Turkmenistan

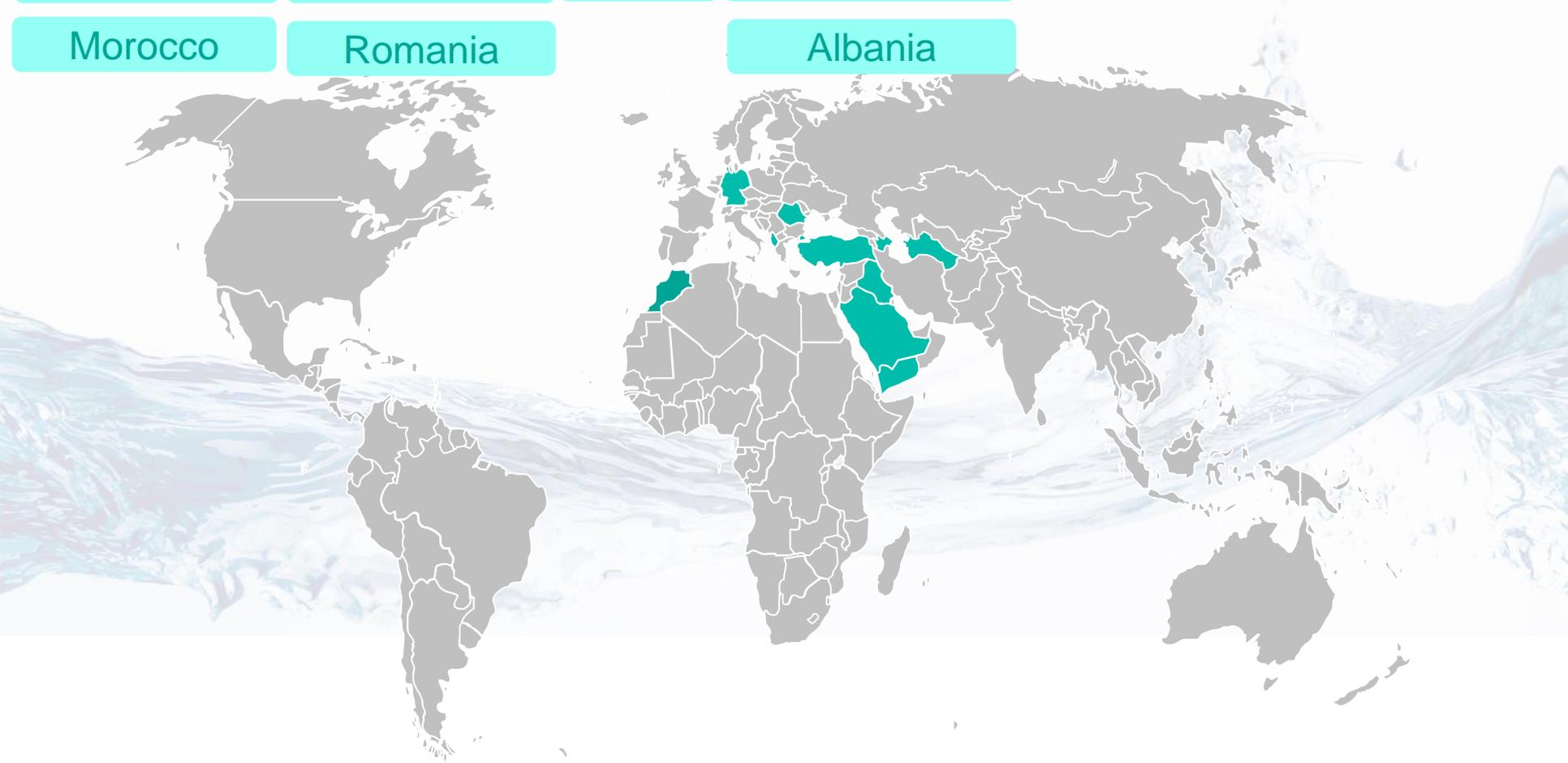
Yemen

Iraq

Morocco

Romania

Albania



Management

- Marcel Salazar, Managing Director
- Mathias Stief, COO

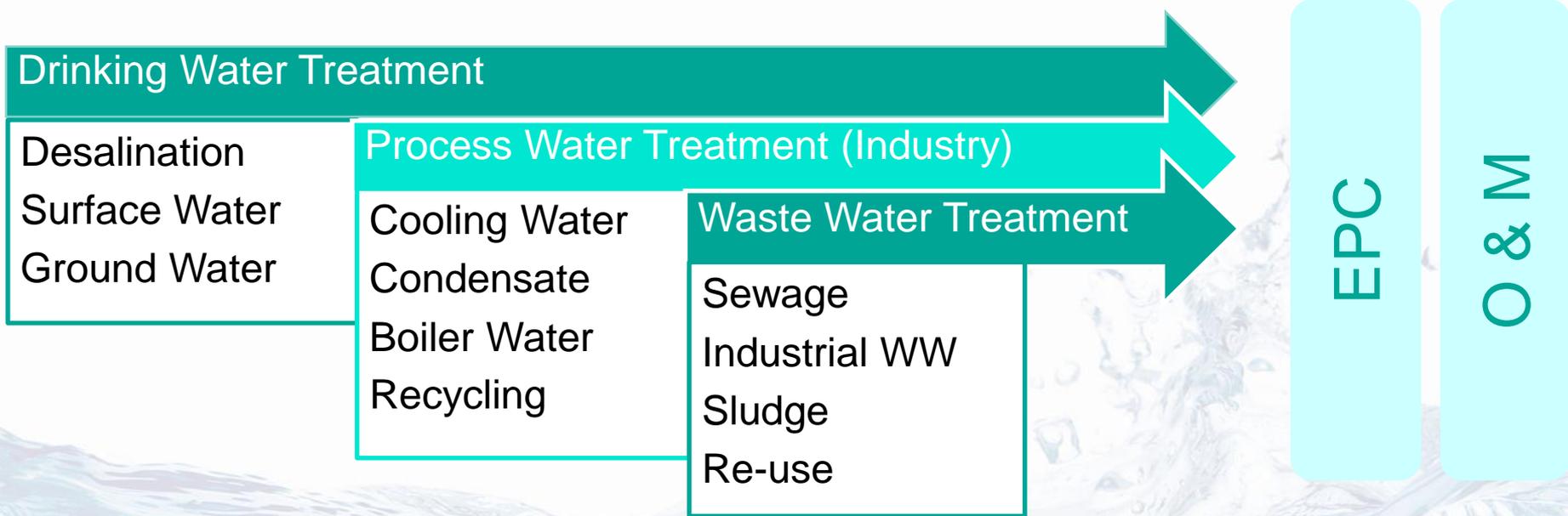


Our Success

- Over 50 years experience as EPC contractor in Water Technology
- More than 1 000 EPC contracts executed:
 - Large EPC projects (urban drinking water and wastewater treatment plants)
 - Industrial water solutions (water , wastewater, recycling, zero-liquid-discharge)
 - Desalination Plants
- More than 25 on-going O&M Contracts in Drinking Water, Waste Water , Ground water decontamination and Desalination



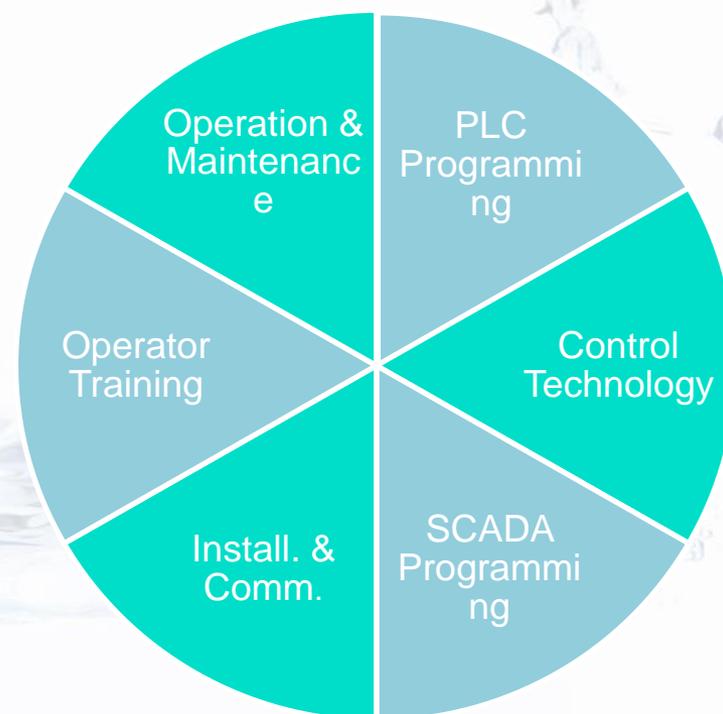
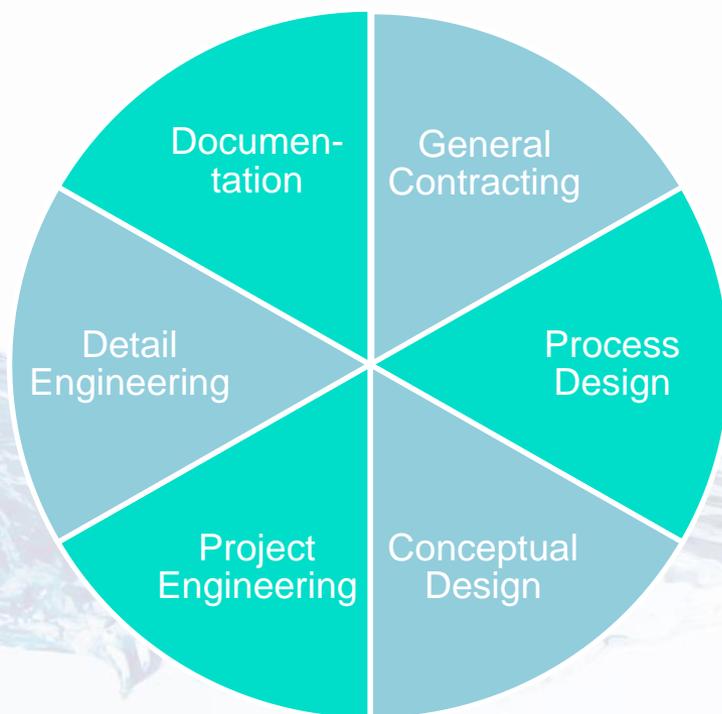
Range of Services



Instrumentation – Control – Automation

Operations & Finance

Scope of Services



Targeted markets in KSA

- EPC for drinking water and wastewater treatment
- TSE reuse
- Industrial water solution business
- Desalination plants
- Containerized desalination and wastewater treatment
- O&M
- Clientele:
 - Public clients
 - Contractors and developers (PPP)
 - Urban and agricultural developers
 - Industrial clients

EPC - Drinking Water Treatment I - Essential for Living

Drinking Water Treatment Plant

AL SAMAWA, Iraq

220,000 m³/d



SWRO Desalination Plant

AL JUBAIL, KSA

91,000 m³/d



EPC - Drinking Water Treatment II - Essential for Living

Drinking Water Treatment Plant

HALLE-BEESEN, Germany

60,000 m³/d



SWRO Desalination Plant

EKEREM, Turkmenistan

5,000 m³/d



EPC - Waste Water Treatment I – Clean Water saves the Future

Waste Water Treatment Plant

AMBARLI, Turkey

Average Dry Weather Flow: 400,000
m³/d



Waste Water Treatment Plant

HALLE, Germany

Average Dry Weather Flow: 75,200
m³/d



EPC - Waste Water Treatment II – Clean Water saves the Future

Waste Water Treatment Plant

BACAU, Romania

Average Dry Weather Flow:

77,800 m³/d



Waste Water Treatment Plant

ESKISEHIR, Turkey

Average Dry Weather Flow: 132,000

m³/d



EPC - Waste Water Treatment III – Clean Water saves the Future

Waste Water Treatment Plant

ORADEA, Romania

Average Dry Weather Flow: 103,700
m³/d



Waste Water Treatment Plant

TIMISOARA, Romania

Hydraulic Flow: 10,800 m³/h



EPC - Process Water Treatment I – Effective Solutions for Industries

Flue Gas Washing Water Treatment Plant

Power Plant Maasvlakte 3, The Netherlands



Cooling Tower / Flue Gas Washing

Power Plant Datteln, Germany

Cooling Tower: 1,000 m³/h

Flue Gas Washing capacity: 30 m³/h



EPC - Process Water Treatment II– Effective Solutions for Industries

Flue Gas Washing Water Treatment Plant

Power Plant Heyden, Germany

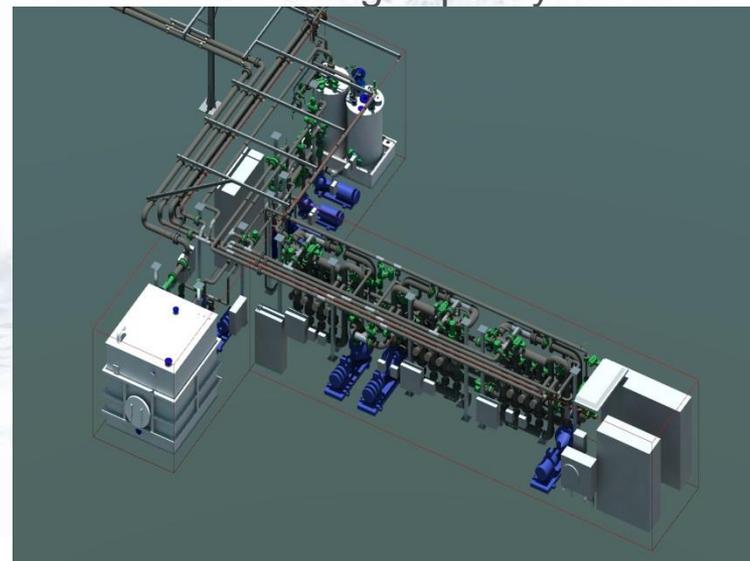
Flue Gas Washing capacity: 36 m³/h



Flue Gas Washing Water Treatment Plant

Power Plant Staudinger, Germany

Flue Gas Washing capacity: 15 m³/h



EPC - Process Water Treatment III – Effective Solutions for Industries

ABR Wietzendorf

Potato flour, Germany

Capacity: 2 x 70 m³/h



Rinse Water Treatment Plant

Mineral water factory, Germany

Capacity: 20 m³/h



Large Projects – Economical Solutions for Your Infrastructure

Infrastructure Development for Archabil Avenue in Ashgabat City

- Pump Station 100,000 m³/d
- Drinking water reservoirs 30,000 m³
- Disinfection plant
- 86.4 km water/waste water lines DN 300-1400, PN 1-16
- 28.5 km natural gas pipes DN 150-DN 400
- 2,100 prefabricated concrete manholes DN 1500



Operation & Maintenance II – Ensuring sustainability

Ground Water Treatment Plant

Düsseldorf Eller

Capacity water treatment: 75 m³/h

Capacity waste air purification: 3,500 m³/h

Pollutants: CKW, VC, iron, manganese

Main technology applied: precipitation,
floculation



Ground Water Treatment Plant

Hessisch Lichtenau-Hirschhagen

Capacity: 60 m³/h

Pollutants: TNT

Main technology applied: precipitation,
floculation



Operation & Maintenance III – Ensuring sustainability

Ground Water Treatment Plant

Wedel

Capacity: 2 x 15 m³/h

Pollutants: iron, manganese, chlorinated hydrocarbon, PAK, BTEX

Main technology applied: precipitation,



Ground Water Treatment Plant

Lampertheim

Capacity: 32,5 m³/h

Pollutants: arsenic, AOX

Main technology applied: precipitation, flocculation



Operation & Maintenance IV – Ensuring sustainability

Waste Water Treatment Plant

CEYHAN, Turkey

Capacity: 34,900 m³/d



Waste Water Treatment Plant

SAMSUN, Turkey

Capacity: 120,000 m³/d



Contact

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الوكلاء بجمهورية مصر العربية
 ودولة ليبيا

„Water is our Profession“