

## REFERENCE LIST

SEMICONDUCTOR  
SOLAR  
PHARMA  
POWER GENERATION  
FOOD & BEVERAGE  
PULP AND PAPER  
CHEMICAL  
OIL AND GAS  
MINING  
AEROSPACE AND TRANSPORT



# Water & Wastewater for Photovoltaic / Solar Cell Production



Client	Plant Type	Capacity
Solibro Thalheim/Germany	<b>Ultrapure water for solar cell industry</b> Softener, Rinse Water Recycling, Activated Carbon Filters ROCEDIS (RO, RO Stage SB+, EDI) SemiCircle (UV, Mixed Bed, Ultrafiltration)	Not disclosed
	<b>Wastewater treatment plant for solar cell industry</b> Cells production with CIS - technology	Not disclosed
Global Solar Deutschland Berlin/Germany	<b>Ultrapure water for solar industry</b> Softener, Activated Carbon Filter, Heat Exchanger ROCEDIS (RO, Membrane Degassifier, EDI) SEMICIRCLE (UV, Mixed Bed, Ultrafiltration)	1.5 m <sup>3</sup> /h 1.0 m <sup>3</sup> /h
	<b>Wastewater treatment plant for solar cell industry</b> Cells production with CIS - technology	2 m <sup>3</sup> /h
Avancis Torgau/Germany	<b>Ultrapure water for solar cell industry</b> Softener, ROCEDIS (RO, Membrane Degassifier, EDI) SEMICIRCLE (UV, Mixed Bed, Filters)	Not disclosed
	<b>Wastewater treatment plant for solar cell industry</b> Cells production with CIS - technology	Not disclosed
Q-Cells AG Thalheim/Germany	<b>Wastewater recycling and treatment for silver containing wastewater</b> Recirculation ion exchanger plant Electrowinning of silver out of the concentrates and final effluent treatment	2 x 8 m <sup>3</sup> /h 1,8 m <sup>3</sup> /h
	<b>Treatment of wastewater resulting from electronic industry (solar)</b> HF-treatment, precipitation, flocculation, Sludge dewatering with screw conveyor press Neutralisation	2 x 45 m <sup>3</sup> /h 140 m <sup>3</sup> /h
Photovoltech Tienen/Belgium	<b>Ultrapure water for solar cell industry:</b> ECOSOFT (Softening), ROCEDIS (Reserve Osmosis, EDI) UV-disinfection, mixed bed polisher, final filters	15 m <sup>3</sup> /h 10 m <sup>3</sup> /h 16 m <sup>3</sup> /h
	<b>Ultrapure water for solar cell industry:</b> ECOSOFT (Softening), ROCEDIS (Reserve Osmosis, EDI) Mixed bed polisher, final filters	Max. 16.4 m <sup>3</sup> /h
Sunways Konstanz/Germany	<b>Wastewater treatment for solar cell industry:</b> Continuous neutralisation Reclaim	Max. 16.4 m <sup>3</sup> /h 11 m <sup>3</sup> /h

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