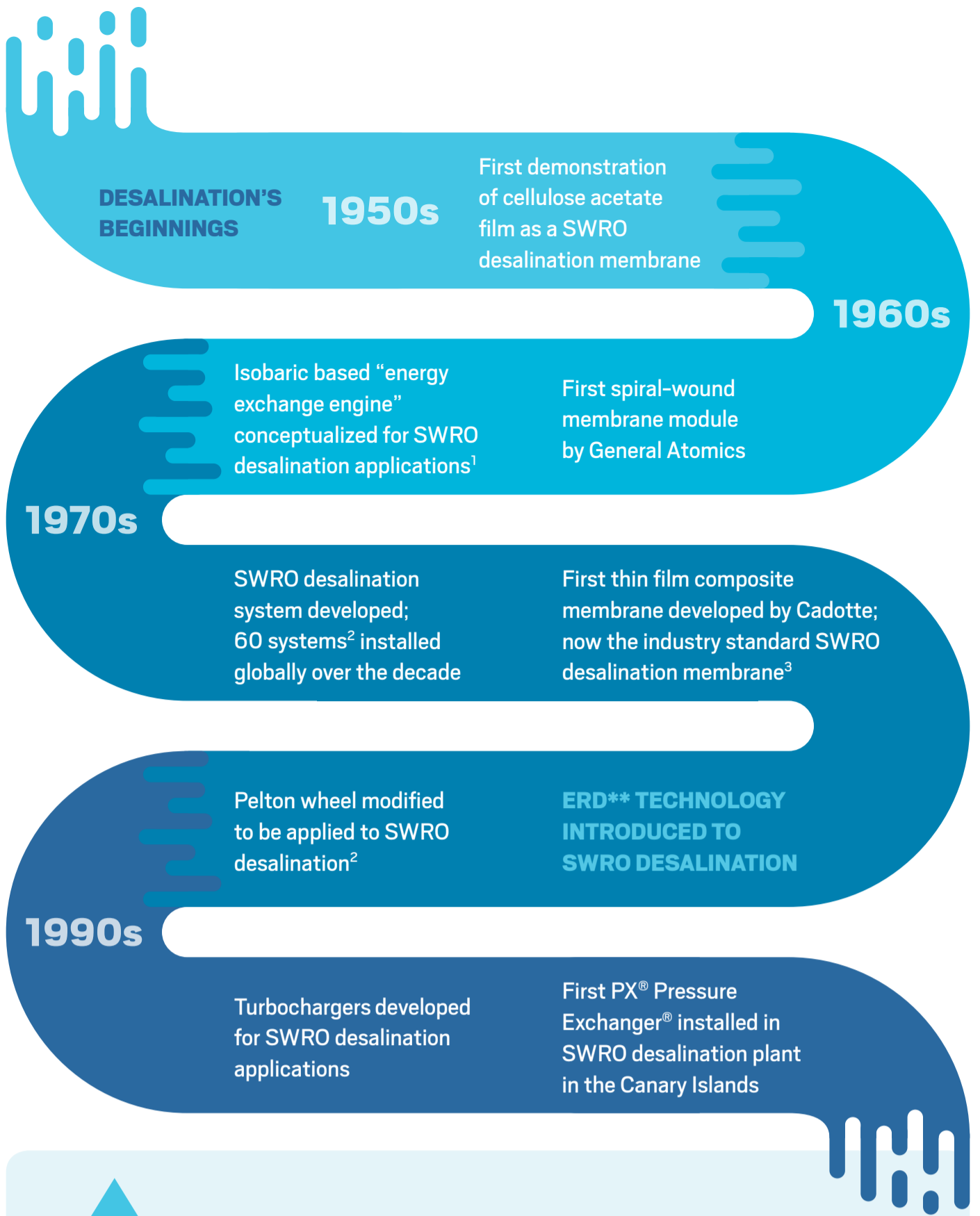


# HOW HAVE ENERGY RECOVERY DEVICES INFLUENCED SWRO\* DESALINATION?



## With the introduction of energy recovery devices, SWRO desalination costs decrease dramatically

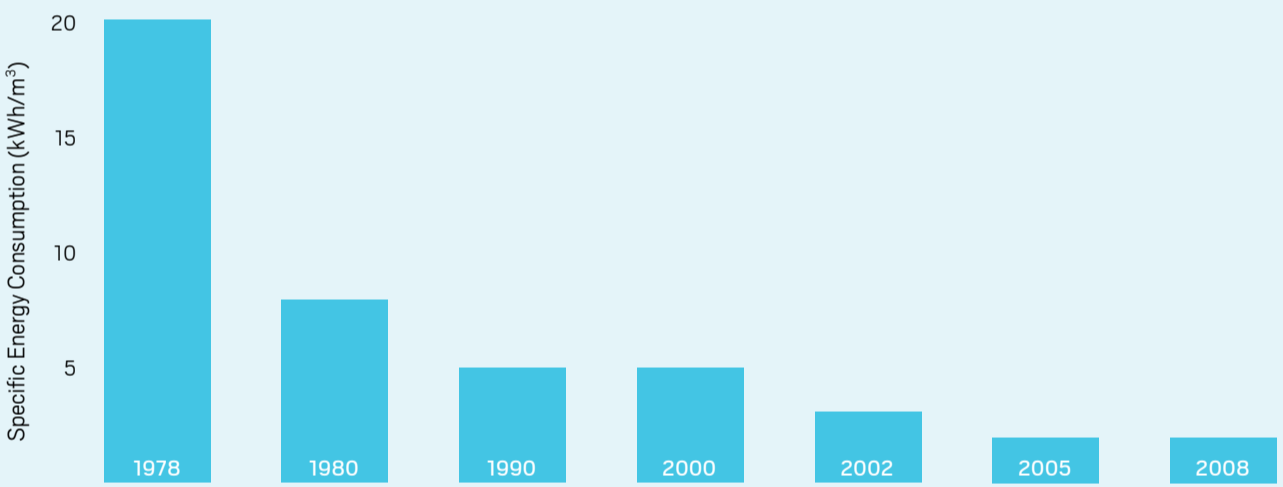
~50% cost reduction since 2004

\$1.33  
2004

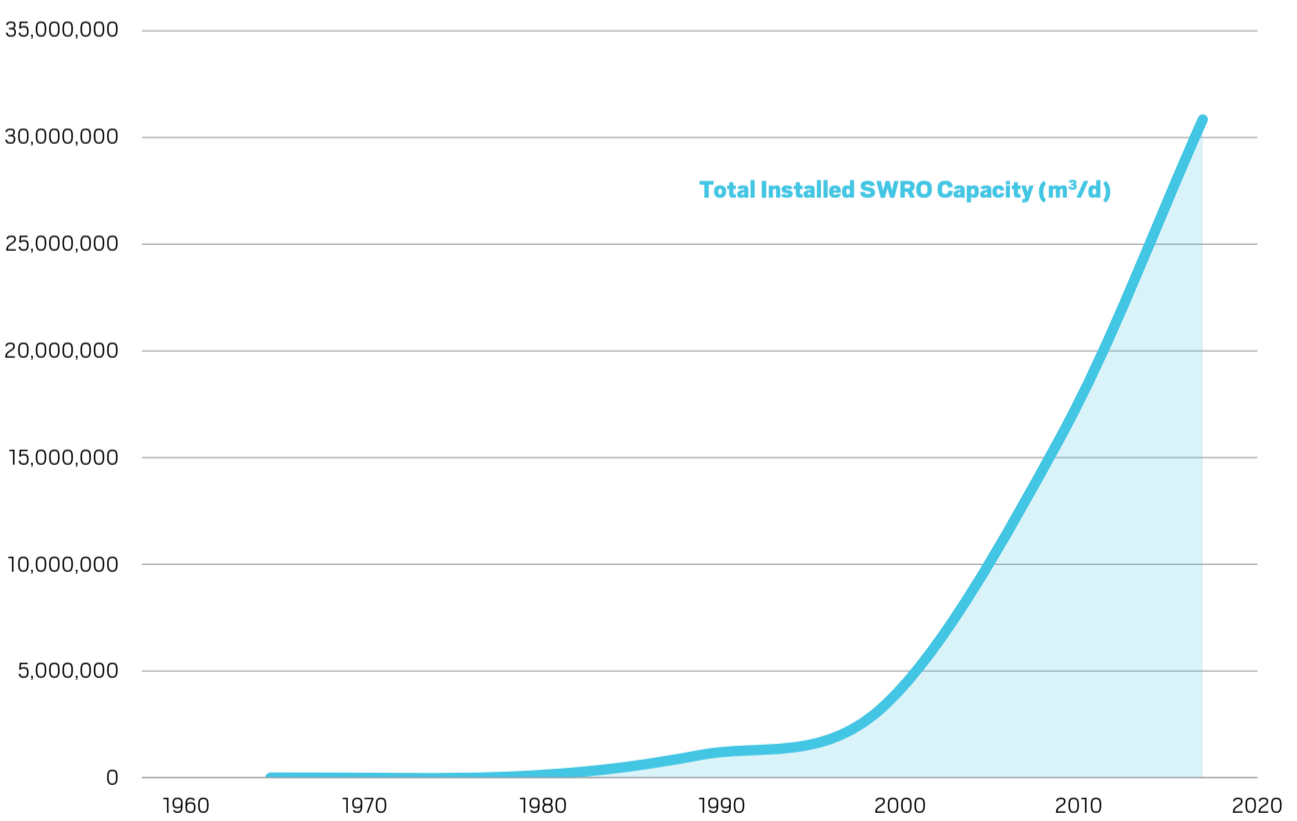
\$0.70  
2019

Average cost (USD) to produce 1,000 liters of fresh water in a large scale SWRO desalination plant<sup>4</sup>

Decline in Specific Energy Consumption of SWRO System<sup>5</sup>



## Beginning in 2000, SWRO desalination capacity skyrockets, becoming the desalination method of choice



## The future of desalination is SWRO thanks, in part, to the PX Pressure Exchanger



In 2019 Energy Recovery is celebrating 20,000 PXs shipped



PXs are found in SWRO desalination plants of all sizes across all 7 continents



~17M m<sup>3</sup> of water is produced by SWRO desalination plants using PXs every day — 5 times the water consumed daily by the 8.6 million residents of New York City<sup>7</sup>



PXs reduce SWRO desalination energy costs by up to 60%\*\*\*



Energy Recovery saves a combined US \$1.9B annually for customers\*\*\*



SWRO desalination facilities using PXs produce enough fresh water to meet the daily consumption of 52M people\*\*\*

