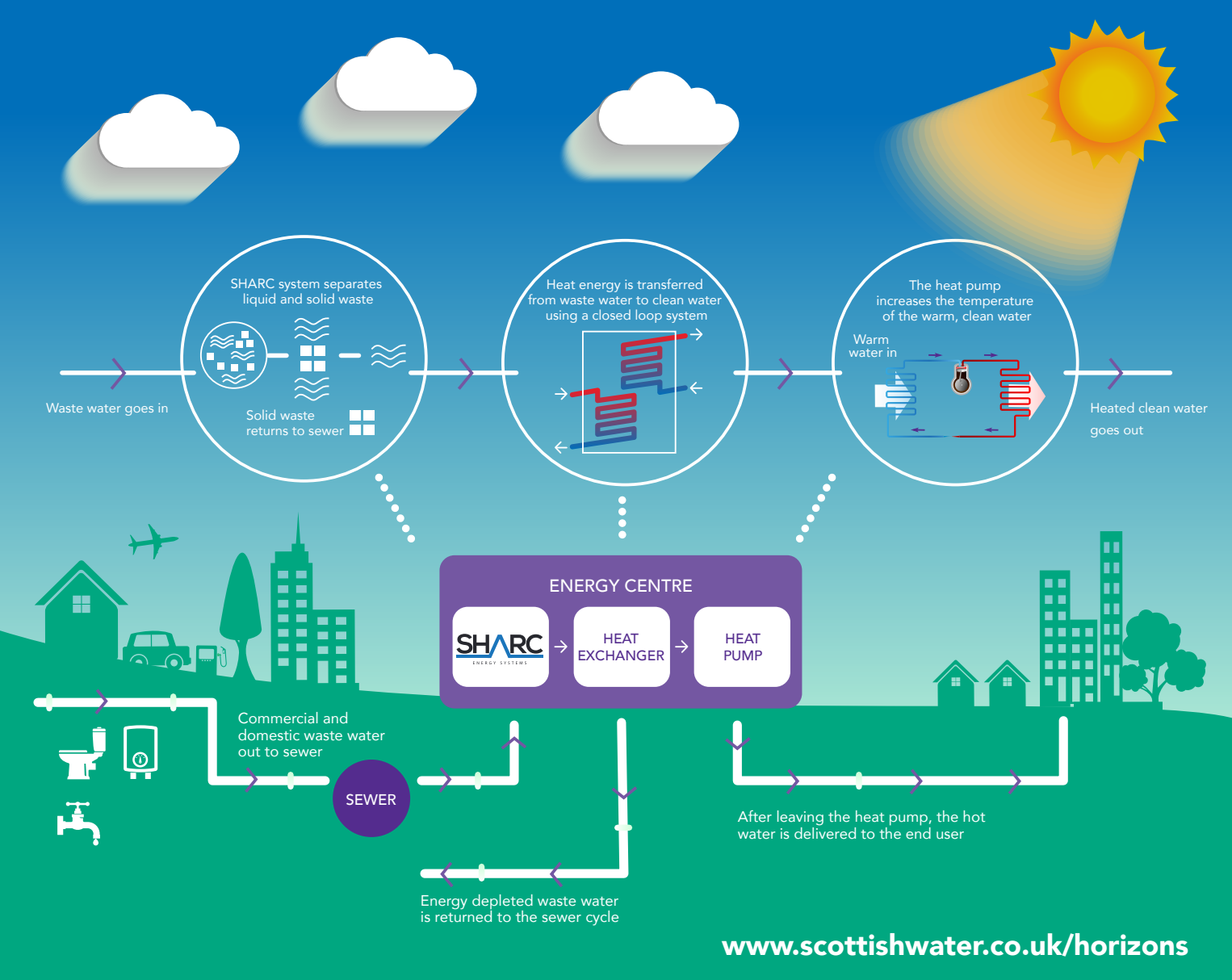
SHARC system separates liquid and solid waste
Solid waste returns to sewer
Waste water goes in
Heat energy is transferred from waste water to clean water using a closed loop system
The heat pump increases the temperature of the warm, clean water
Warm water in
Heated clean water goes out
ENERGY CENTRE
SHARC
ENERGY SYSTEMS
HEAT EXCHANGER
HEAT PUMP
Commercial and domestic waste water out to sewer
SEWER
Energy depleted waste water is returned to the sewer cycle
After leaving the heat pump, the hot water is delivered to the end user
www.scottishwater.co.uk/horizons