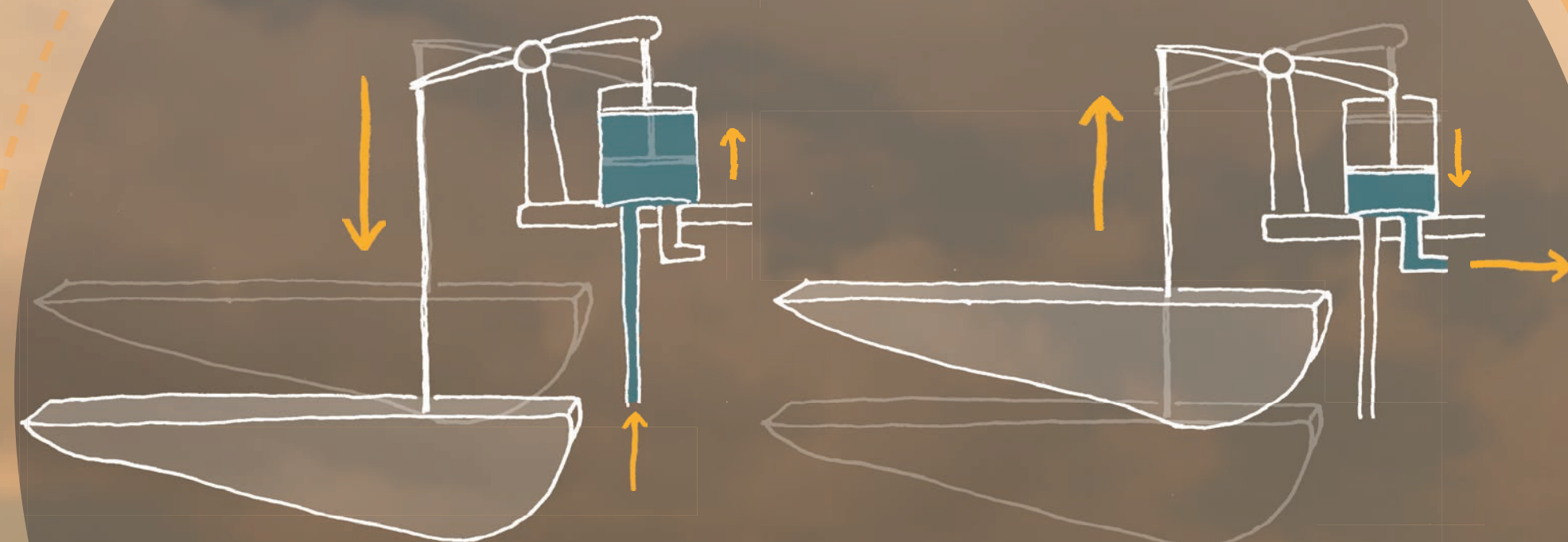


TIDAL PUMPS



LOW TIDE

HIGH TIDE

TIDAL DROP ENERGY IS HARNESSSED TO PULL SEA WATER INTO THE CYLINDERS, TIDAL RISE PRESSURIZES THE WATER AND PUSHES IT THROUGH FILTERS.

REVERSE OSMOSIS FILTER

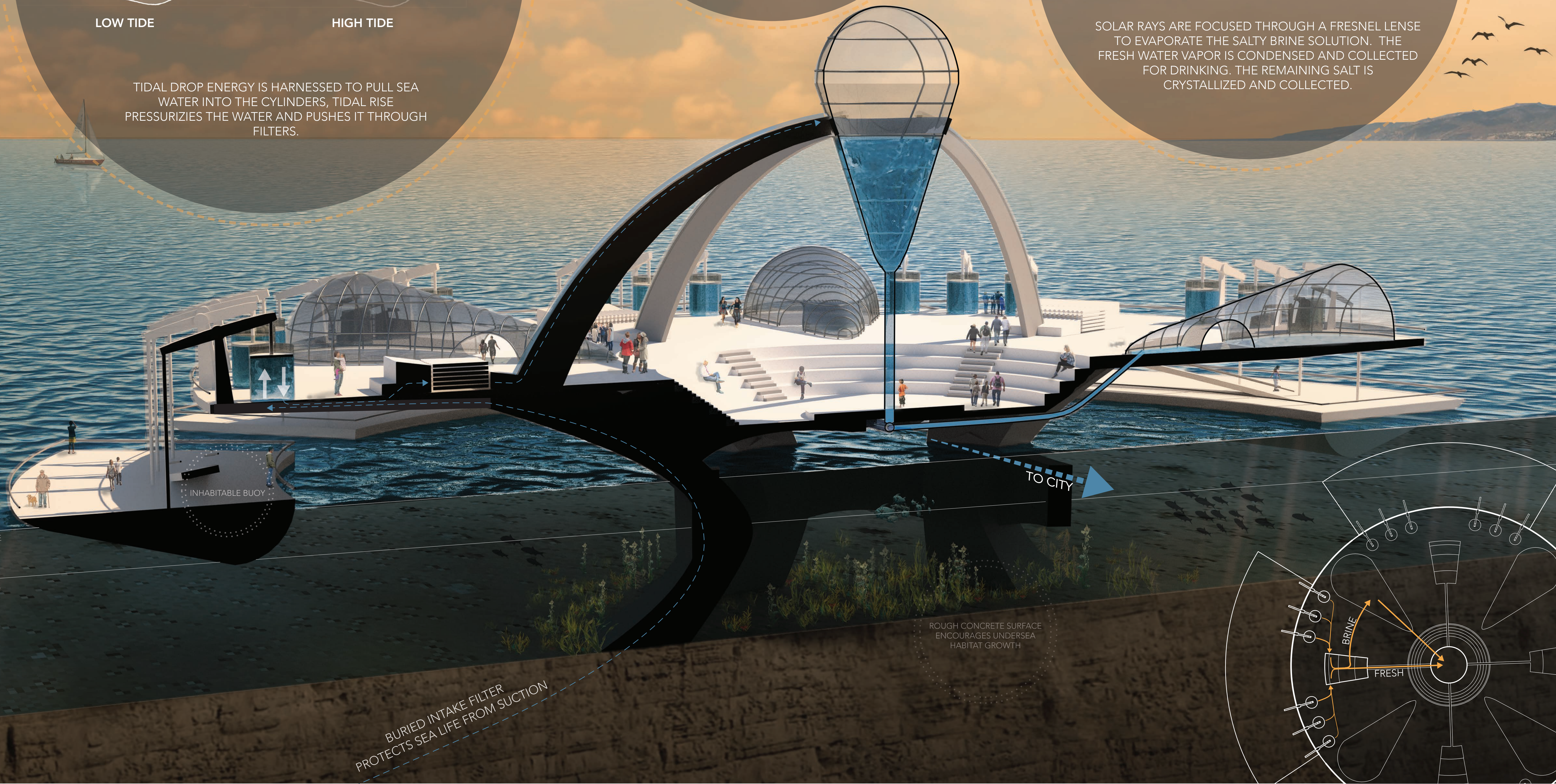


RISING TIDE PRESSURE FORCES WATER THROUGH THE REVERSE OSMOSIS FILTER, RESULTING IN 50% FRESH WATER AND 50% SALTY BRINE.

EVAPORATION TENT



SOLAR RAYS ARE FOCUSED THROUGH A FRESNEL LENSE TO EVAPORATE THE SALTY BRINE SOLUTION. THE FRESH WATER VAPOR IS CONDENSED AND COLLECTED FOR DRINKING. THE REMAINING SALT IS CRYSTALLIZED AND COLLECTED.



INHABITABLE BUOY

TO CITY

BURIED INTAKE FILTER
PROTECTS SEA LIFE FROM SUCTION

ROUGH CONCRETE SURFACE
ENCOURAGES UNDERSEA
HABITAT GROWTH

