

# Products and services that enhance climate change resilience.

Through our portfolio of solutions, we enable our stockholders to become more resilient to the effects of climate change.

# Climate Change Strategy

In 2020, the World Economic Forum declared that the five most pressing global risks are related to climate change. Similarly, climate change impacts on variations in rainfall and on the availability of freshwater resources for human consumption.

Rotoplas is working on its Climate Change Strategy, through which it helps its stakeholders to mitigate and adapt to the risks derived from climate change. As one of the actions of this Strategy, we have identified which of our products and services help boost the resilience of our end-users, presented in the following table:

Table identifying products, services and climate events to which they build resilience								
Solutions:		Drought	Hurricane	Flooding	Water Stress	Water Pollution	Heat waves	Rainwater fall
Water treatment & recycling	●	✓			✓	✓		
Purified drinking - Bebbia	●					✓		
Water tanks life guarantee	●	✓	✓	✓	✓		✓	
Water tanks	●	✓	✓	✓	✓			
Cisterns	●	✓	✓	✓	✓			✓
Storage tanks	●	✓	✓	✓	✓			
Inductor tanks	●	✓						
Horizontal tanks	●	✓	✓	✓	✓		✓	
Feeders (stock)	●	✓			✓			
Hydropneumatic Systems	●	✓	✓		✓			
Centrifugal Pump	●	✓	✓		✓			
Peripheral Pump	●	✓	✓		✓			
Submersible Pump	●	✓	✓	✓				
Water purifiers	●				✓	✓		✓
Self-cleaning Biodigester	●	✓	✓	✓	✓	✓		
Electric Showers	●				✓			
Family-Orchard-Type Agricultural Irrigation System	●	✓			✓			
Rural Rainwater Harvesting System	●	✓			✓	✓	✓	✓
Urban rainwater harvesting	●	✓			✓	✓		✓
Outdoor toilet with biodigester	●	✓	✓	✓	✓	✓		

\*Product accessories (e.g. plastic valves, nuts and connectors) can be used in the weather events where the solutions have been identified.

Services	●
Storage	●
Water flow & pressurization	●
Improvement	●
Auto-sustainable	●

Learn more about our products and services in:

[https://rotoplas.com.mx/wp-content/uploads/2017/10/ROTCatalogoGeneral\\_2017-1.pdf](https://rotoplas.com.mx/wp-content/uploads/2017/10/ROTCatalogoGeneral_2017-1.pdf)

# Relevant Definitions



**Drought:** A period of time when a region lacks sufficient water to meet the needs of its community.



**Flooding:** A case in which water occupies an area that is generally dry. This is normally due to an increase in the water level of a river, lake or sea.



**Heat wave:** It is a continuous period of time with high temperatures, usually combined with humidity.



**Hurricane:** It is a tropical storm that forms in temperate waters, has a low pressure center, bands of spiral rains and winds with speeds greater than 100 km per hour.



**Rainwater fall:** Significant damage from extreme rainfall in the form of water or ice.



**Recovery:** It's the restoration of communities' capacity to rebuild themselves after a natural phenomenon.



**Resilience:** The ability of individuals or communities to resist, absorb, adapt and recover from dramatic and variable changes in their environment.



**Water pollution:** Presence of diverse elements that affect the quality of the water, and can endanger the health of anyone who consumes it. It may result from inadequate wastewater management.



**Water stress:** It occurs in certain regions where the demand for water is greater than the supply in that area. (It arises when the available water is not suitable for human consumption).

Learn more about the results from our Sustainability Strategy:

<https://rotoplas.com/sustentabilidad/>