GENERATED OUTPUT

The gain of water with use of atmospheric and rainwater collecting systems is based on surface generation. The proposed prototype of the Aqueduct structure is 330m-long. This span consists of over 1500m² of membrane and over 3100m² of fog harvesting surface. Collected rainwater is estimated at 370,000 annually, while daily output of atmospheric water varies from 12,450 to 31,125 liters.

Their output is linked with the weather conditions, but considering the analyzed data it is possible to collect 4-10 liters per square meter of atmospheric water with the designed atmospheric water collecting system. In order to meet the assumed demand of 50m³ designed within Water Flower Tower is a drilled well which provides from 19-38 m³ per day.