IF - Intelligent Flow

Almeida, Eusebio

Rodrigues, Joao Pedro

The IF Project - Intelligent Flow aims to create a solution to one of the most serious environmental problems of this century, the excessive consumption of water and specially its wastage. The amount of drinking water available worldwide is getting smaller and the water saving campaigns aren't being effective enough. The IF providesus water at the desired temperature, without any waste of water or fuel. This process occurs through the use of temperature sensors thatshow us the water´s temperature which can be balanced by mixing the different water temperatures. It is an intuitive and easy programming system that is done via a touchscreen where the user will only set the desired temperature and flow.