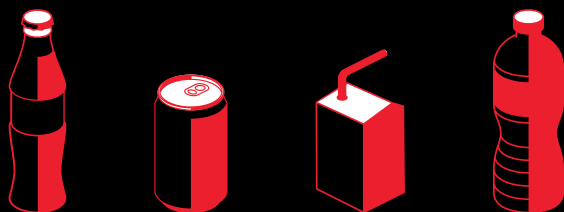


# WATER TREATMENT PLANTS

THE WATER YOU NEED



# WASTEWATER TREATMENT PLANTS

WATER AS A RESOURCE



Since 1967





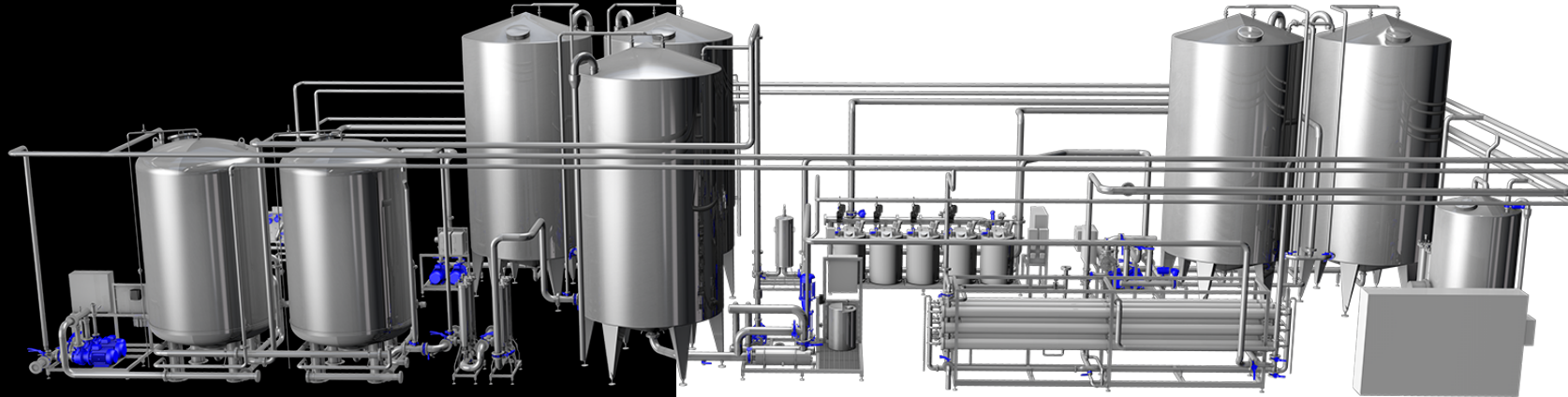


### **WATER PRE-TREATMENT**

Management of the factory inlet water (water intake, lamella settlers, flotators, preliminary disinfection, storage).

## **WATER TREATMENT PLANTS - EASY.Water**

WTP for well, river and city water used in the preparation and bottling of all types of beverages.



### **WATER FILTRATION & CLARIFICATION**

Filtration systems for reducing ions, heavy metals and odours: self-cleaning, dual media or carbon filter, Ultra-Filtration or Cartridge filters.



### **WATER REVERSE OSMOSIS**

R.O. stand-alone system: 90 ÷ 99.99% of all the dissolved contaminants removed - Water recovery up to 90%.



## WATER DISINFECTION

Disinfection before final using: UV, Ozone, Chlorine dosage.



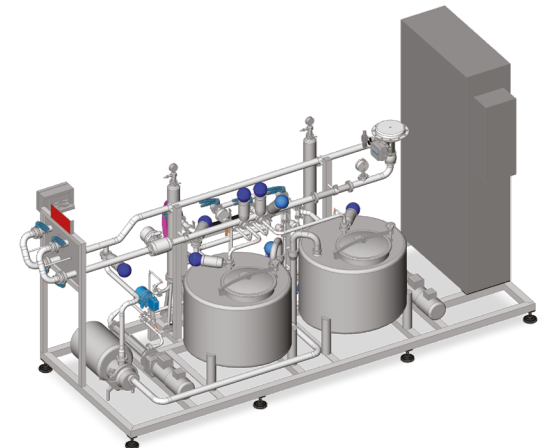
## WATER as A DRINK

Water Reverse Osmosis; Water Re-mineralization (in-line micro dosing of salts and aromas to prepare mineral, flavoured, functional and alkaline waters); Water Deaeration (by vacuum or by gas stripping); Water Carbonation; Storage with integrated air purification.



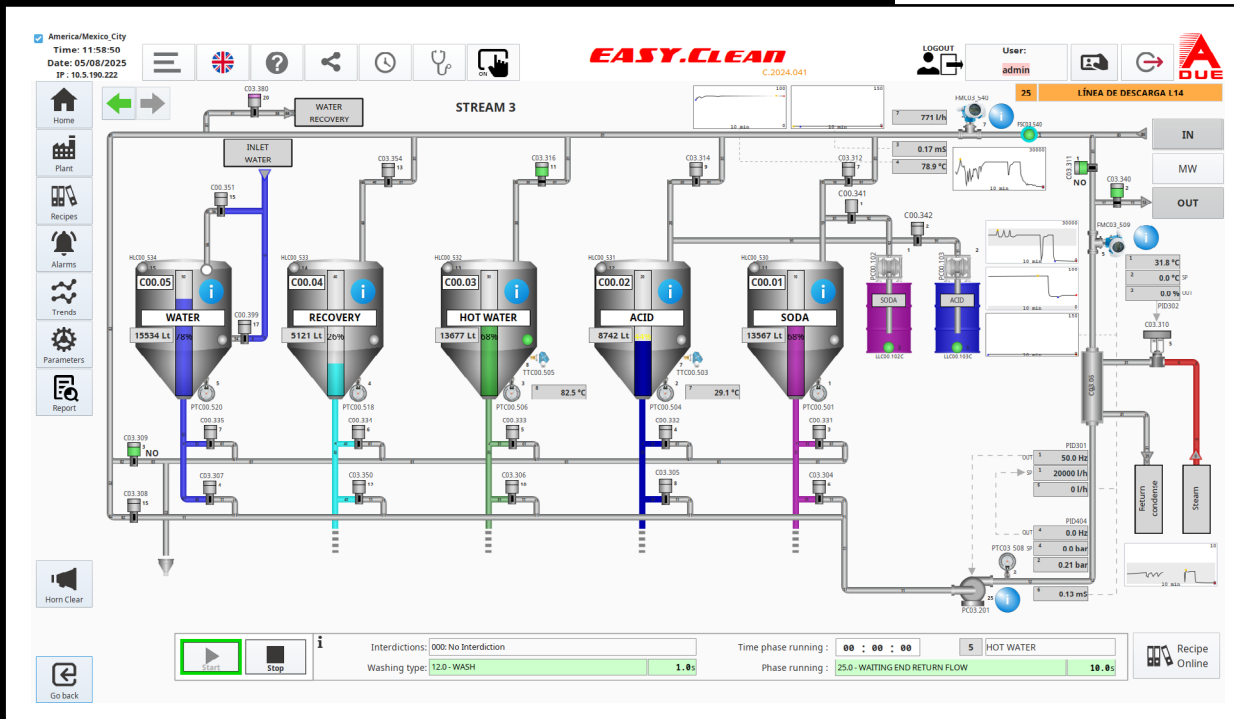
## WATER PROTECTION

Storage with integrated air purification.



# CLEANING IN PLACE - EASY.Clean

Automatic CIP UNIT ensuring maximum hygiene of the process system and filling group.

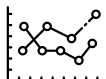


# AUTOMATION & SCADA - EASY.DRIVE

Process automation software + Automatic management of the drink recipe, continuous monitoring, recording and storage of all the main process parameters.



**CIP: DATA-DRIVEN  
CLEAN.app**



**BATCH PROCESS  
ISA-88  
COMPLIANT**



**SCADA DEVELOPED  
ON IGNITION®  
PLATFORM**

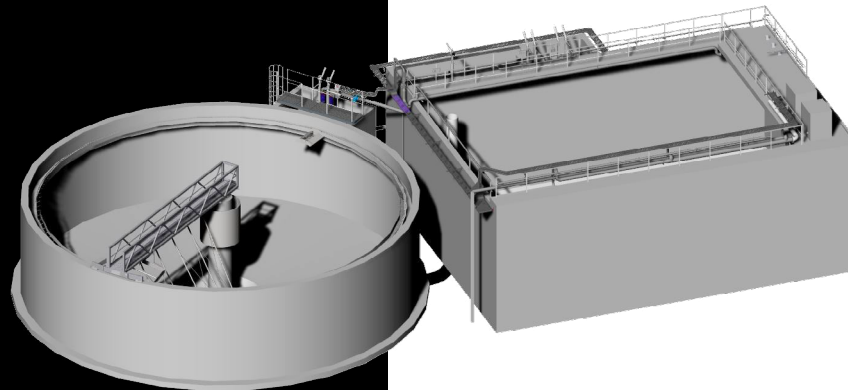


**SECURE REMOTE  
ACCESS**





Reduce your water consumption;  
purify and reuse your wastewater  
thanks to **NIAGARA TECHNOLOGY**.

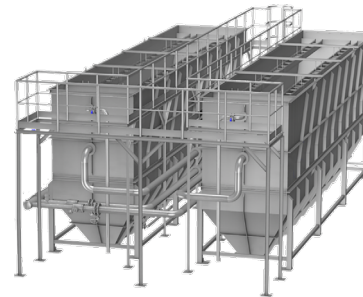


#### Disposal and reuse of process sludge

- Sludge collection basin
- Dosing flocculant system for sludge
- Decanter centrifuge

## WASTEWATER TREATMENT PLANTS - EASY.PuRe

Complete, customized solutions to remove contaminants and pollutants from industrial wastewater.



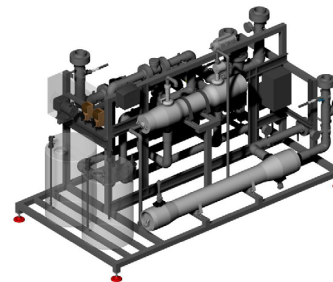
#### Preliminary and Primary treatment

Wastewater equalization and sedimentation:

- Sedimentation and oil separation basin with screening system
- Lamella settlers
- Wastewater equalization basin

**Secondary treatment** - Removal of dissolved and colloidal organic matter through chemical / biological processes:

- Activated sludge oxidation basin
- Chemical dosing basin
- Clarifier basin with scraper mechanism



**Tertiary/Advanced treatment** - To further improve the quality of the final effluent and to allow its reuse:

- Disinfection (chlorination, UV radiation)
- Filtration (sand filters, activated carbon filters, cartridge filters)
- Reverse Osmosis

**ADUE** • Sugar dissolving  
**Final beverage storage**  
Emptying and mixing • Sugar syrup  
**JUICY TECHNOLOGY**  
Plant sanification • Fruit pieces  
**ITALY - SINCE 1967**  
Minor ingredient • **Water treatment**  
In line blending and carbonation  
**Control room** • Granulated sugar handling  
Deaeration and homogenization  
**SPARKLING IDEAS**  
Final drink carbonation • Stabilizers dissolving  
**Final beverage mixing**

**ADUE**  
Juicy Technology and Sparkling Ideas

## TREATMENT CHOICE

**The Design Phase** - the selection of the most suitable treatment is made, by our expert technicians, taking into consideration:

- Critical parameters on water and wastewater analysis
- Country of installation
- Customer/national specifications
- Final water quality characteristics to be guaranteed



## CONTACT US

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