

# ucd<sup>®</sup>

degrémont compact units<sup>®</sup>

drinking water

production of drinking water from  
surface or ground water for  
municipalities and industries





a global expertise for local solutions



As a specialist in water treatment for over 75 years, SUEZ Treatment Solutions has adapted its patented technologies and processes for the treatment of surface and ground water in a modular and compact form. SUEZ offers prefabricated and standardized metal treatment plants for drinking water production.



### water types

- Rivers
- Hillside dams
- Lakes
- Groundwater

# applications

### municipalities

Flow of 4 600 to 57 500m<sup>3</sup>/day

- Decentralised production at district scale for the creation of an autonomous network in a capital or secondary centre
- Supports rapid extension of urban and peri-urban centres
- Rehabilitation of existing treatment plants by the addition and/or substitution of a treatment phase



### humanitarian/rural installations

Flow of 155 to 4600 m<sup>3</sup>/day

- Isolated areas
- Rural hydraulic systems



### industries

- Securing water supply
- Site facilities, hotel, hospital, military base etc.



# 5 standard modules

for a custom-made solution

## UCD<sup>®</sup> LML\*

- ✓ from 115 to 22 080 m<sup>3</sup>/day
- ✓ complete unit including separation by lamellar clarification

## UCD<sup>®</sup> DAF\*

- ✓ from 575 to 6 900 m<sup>3</sup>/day
- ✓ flotation separation module

## UCD<sup>®</sup> PULS\*

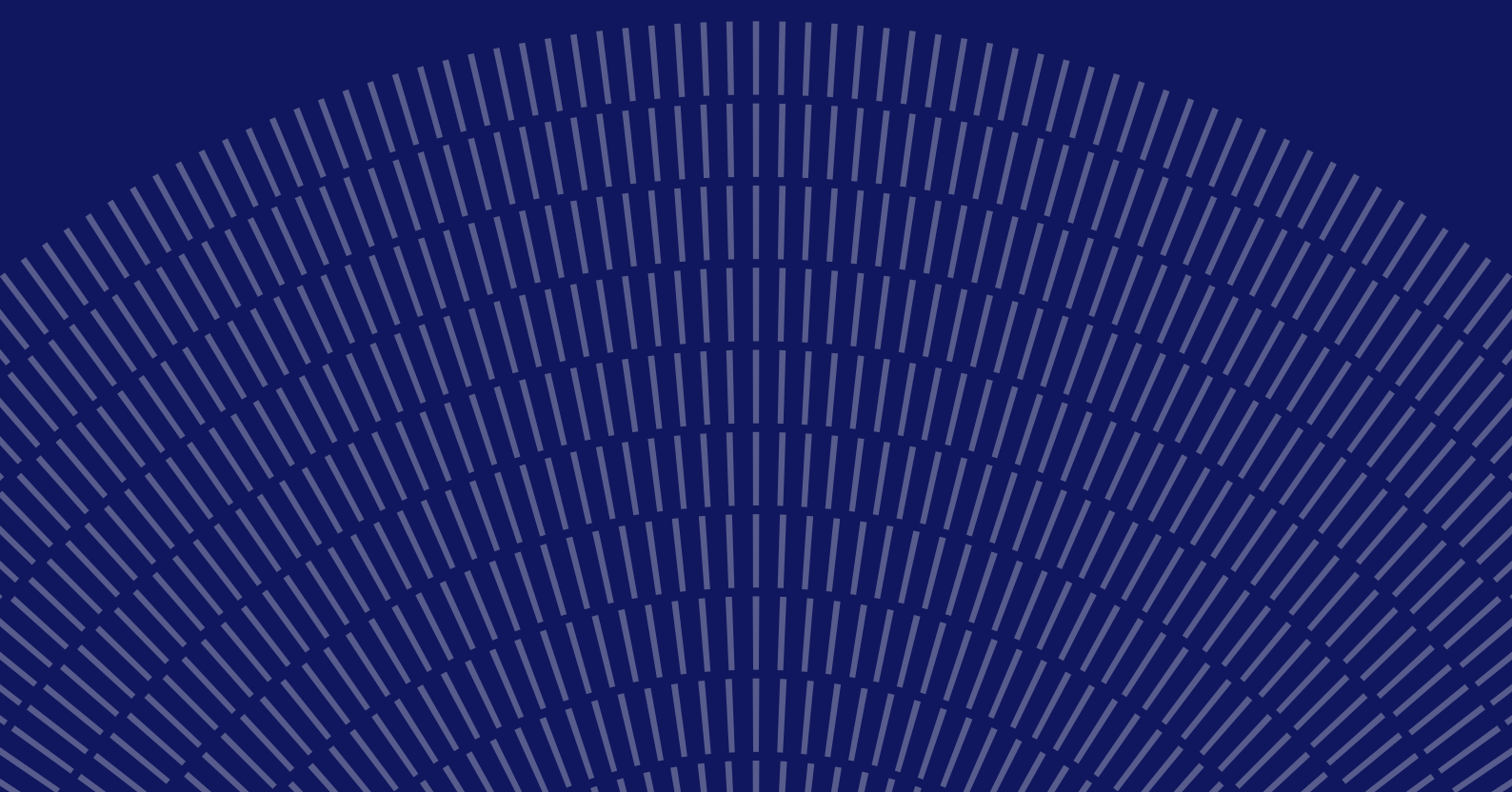
- ✓ from 805 to 3 450 m<sup>3</sup>/day
- ✓ pulsed sludge blanket clarification module

## UCD<sup>®</sup> AERO-G / UCD<sup>®</sup> AERO-F\*

- ✓ from 1 150 to 9 200 m<sup>3</sup>/day
- ✓ air stripping modules

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### \* options :

- Pre- and post-treatment available
  - Manual or automatic filter backwashing
- 

# advantages

## modularity

- Capacity increase in an existing facility
- Addition of modules, inter-changeable units and transfer is possible

## installation in dense areas

- Reduced footprint
- Simple installation in built-up areas without risking existing structures

## reliable and robust

- Patented technologies
- Over 150 references in operation for over 20 years

## optimised lead time

- Factory assembled and wired

## risk management

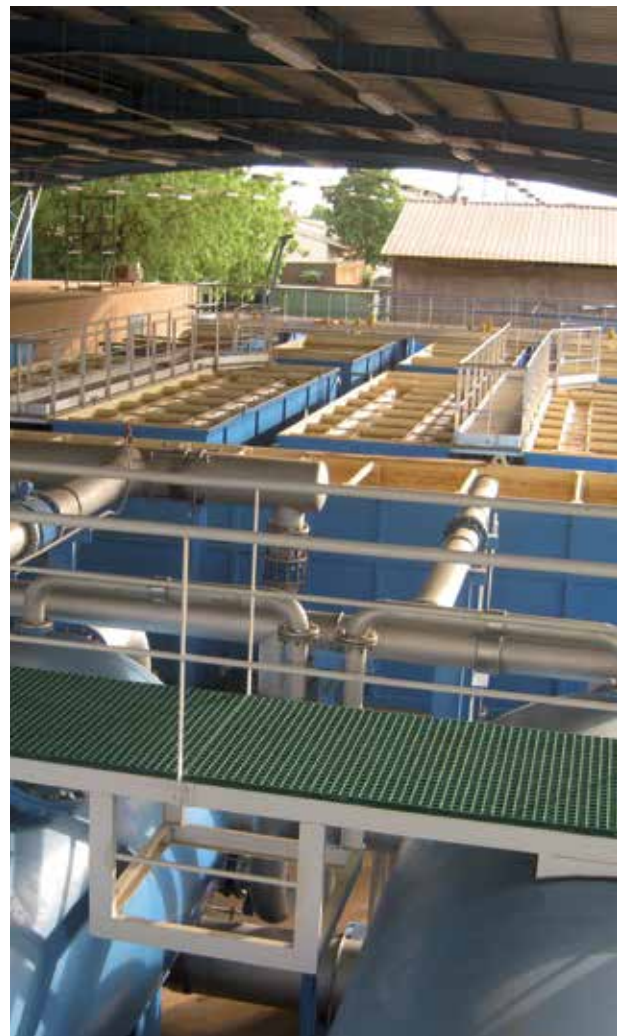
- Factory tested
- Limited structural engineering (concrete slab and metal cover)

## simple and ergonomic

- Respect of international security standards
- Continuous integration of operator feedback

## reduced CAPEX and OPEX

- Civil engineering and operating costs decreased

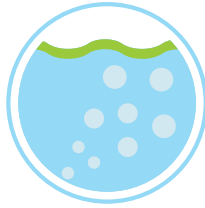




# the UCD<sup>®</sup> compact solution



**UCD<sup>®</sup> LML**  
lamellar  
clarification



**UCD<sup>®</sup> DAF**  
separation by  
flotation



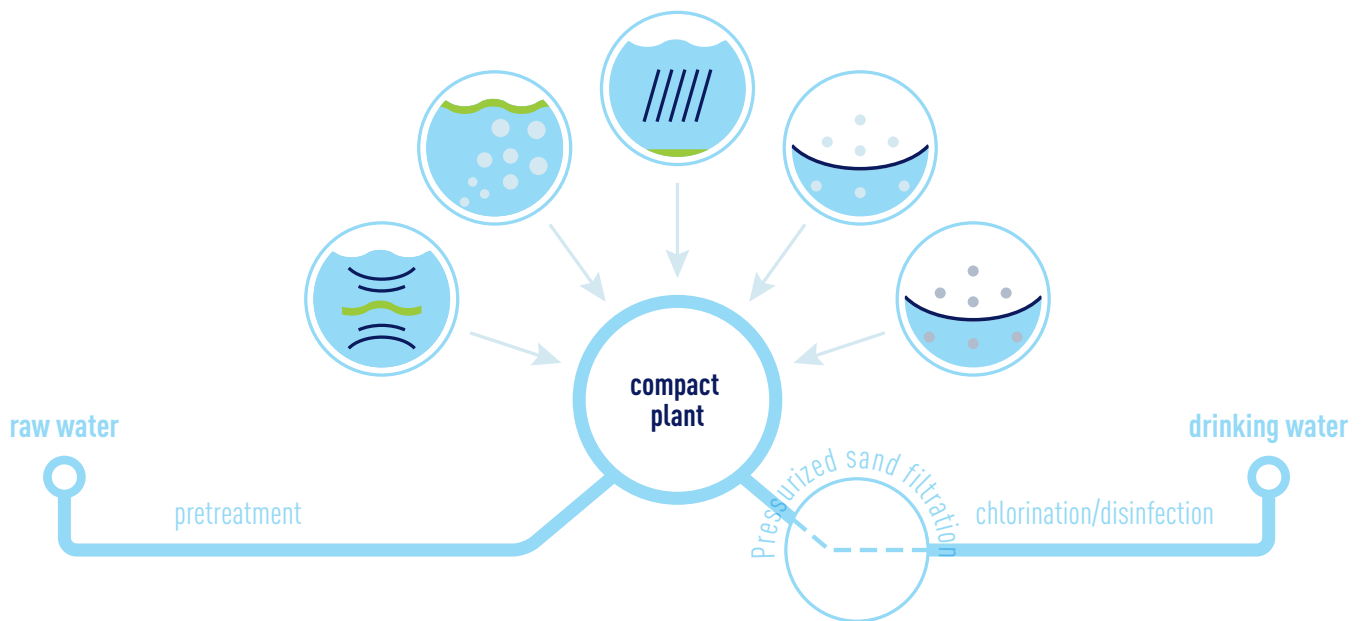
**UCD<sup>®</sup> PULS**  
pulsed sludge  
blanket  
clarification



**UCD<sup>®</sup> AERO-G**  
elimination of  
excess gas



**UCD<sup>®</sup> AERO-F**  
elimination of  
excess iron



## contacts

[www.degremont.com](http://www.degremont.com)

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## services et after-sales

A team is available to you for the pilot study,  
installation, commissioning and maintenance of  
the plant.

ready for the resource revolution

