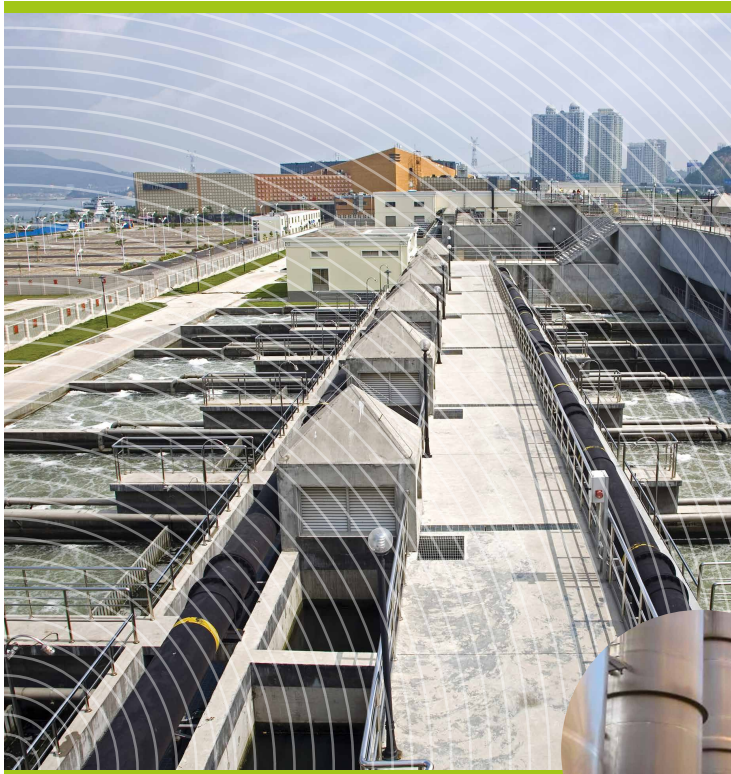


Oxyblue™

advanced wastewater treatment for polishing
treatment associating ozonation and biofiltration

○ reuse



boost the elimination of non-biodegradable
organic pollution in your industrial
wastewater

○ savings

cost effective technology for tertiary
treatment

○ efficiency

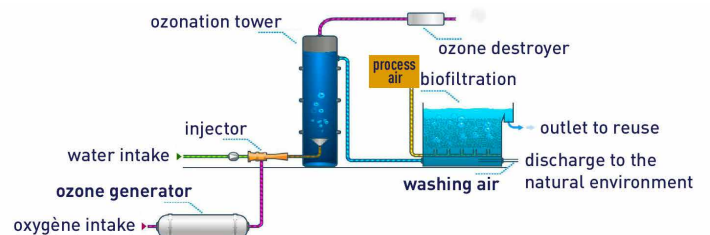
a record level of COD elimination
allowing discharge into sensitive
environmental areas



innovation

chemical / biological oxidation synergy
allowing optimal elimination of persistent
COD

Oxyblue™, a totally new concept on the market, combines the increase in biodegradability, provided through controlled contact between persistent organic matter and ozone, with the high performing biological treatment by biofiltration (Biofor™). In the treatment line, Oxyblue™ is the final step before discharge or associated to ultrafiltration or reverse osmosis for reuse purpose.



key figure

up to

60%

of COD eliminated



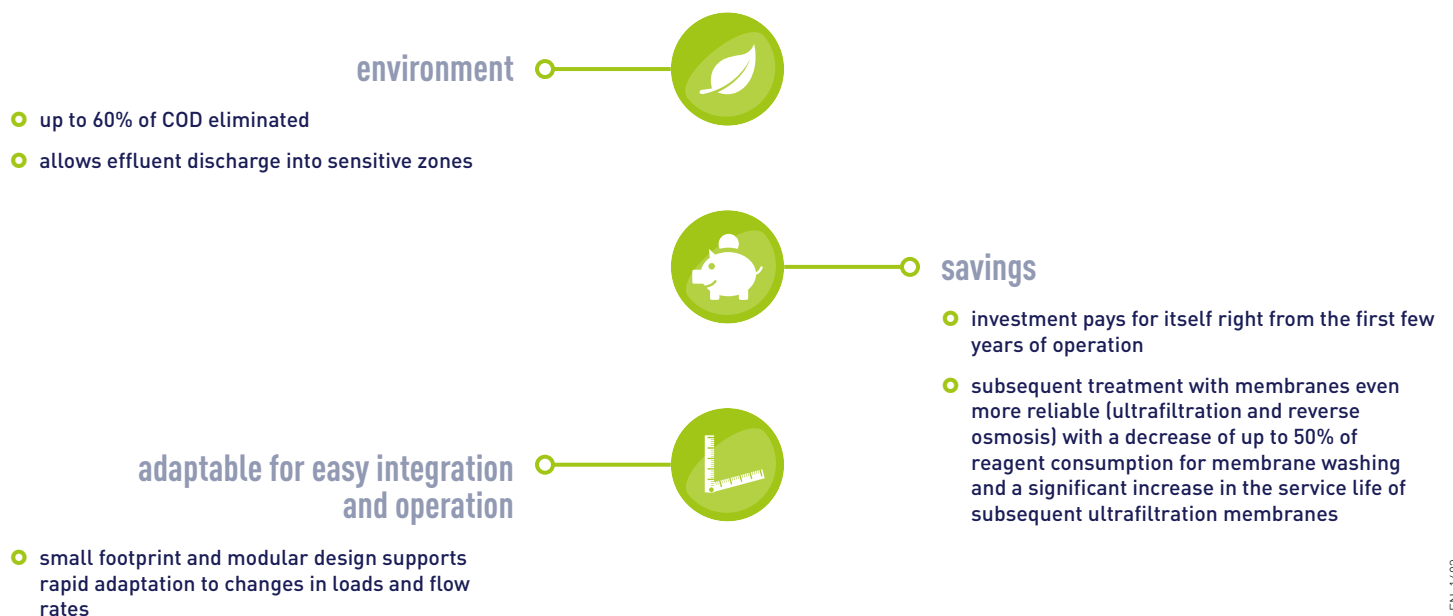
Oxyblue™ technology . . .

Positioned after a biological treatment process, Oxyblue™ comprises 2 main units: an ozone tower whereby the effluent comes into contact with gaseous ozone (ozonation process) and a compact biological aerated filtration system – Biofor™ – integrating fixed biological cultures (expanded clay beads on which micro-organisms develop).

“Booster” technology: aiming to radically reduce the persistent pollution loads of the wastewater, Oxyblue™ uses the high-oxidation power of ozone to initiate and boost the residual organic matter degradation process.

After ozone application, effluent is transferred, in the Biofor™ biofilter in which aerobic bacteria complete the elimination of carbon and nitrogen pollution.

. . . what it can do for you



among our references

Syral, Tereos group, Nesle, France
capacity: 250 m³/h

SCA gorup, Laakirchen, Austria
capacity: 2,500 m³/h

PetroChina Company Ltd, Chengdu, China
capacity: 1,600 m³/h

PetroChina Company Ltd, Yunnan, China
capacity: 1,200 m³/h

SUEZ treatment infrastructure

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