

| treatment solutions Europe

**ecoflow**<sup>®</sup>

**the offsite treatment  
service for your  
industrial effluent**

services



# what is ecoflow<sup>®</sup> ?

- **As part of your business activities**, you generate **wastewater** containing organic matter or other effluent...
- With **ecoflow<sup>®</sup>**, SUEZ:
  - enables you to leverage the treatment quality of a **wastewater plant without any need to invest**,
  - offers you a tried-and-tested concept that has been **supporting industry** for **over 15 years**.



**ecoflow<sup>®</sup>** the offsite treatment solution for your industrial effluent

# ecoflow<sup>®</sup> a bespoke solution

## effectiveness

safe implementation geared towards your production needs

## continuity

continuous service provision over 52 weeks a year

## performance

superior plant performance by removing and handling your surplus or hard-to-treat effluent

## compliance

control by an effective management system in compliance with the most stringent HSQE rules

**flexible** implementation **without any changes** to your process or organisation

# ecoflow<sup>®</sup> flexible delivery

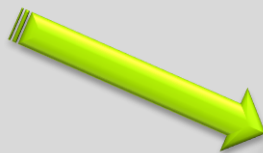


**with your own approved transport system**

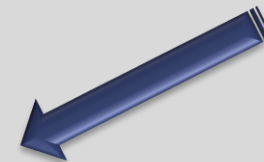
or



**via an approved transport company recommended by SUEZ**



**final treatment site**



# when to use ecoflow® ?



## emergencies

**ensure**  
the continuity of your  
production



## variations in your effluent

**overcome**  
fluctuations in your production  
without any investment



## resources protection

**choose**  
the best treatment for your effluent

# when to use **ecoflow**<sup>®</sup> ?



## **emergencies**

**ensure**  
the continuity of your  
production

carry out detailed **effluent acceptance analyses**  
to guarantee **fast** implementation

gain access to a nationwide network of **ecoflow**<sup>®</sup>  
**receiving plants suited to the characteristics**  
**of your effluent**

ensure the **continuity of your production**

## **customer case** **in the cosmetics sector**

•**challenge:** ensure production continuity in accordance with standards during an incident involving **overflowing tanks** of effluent unsuitable for discharge.  
•**solution:** implement an effluent removal plan. Restore normal operation through immediate action by our teams.

**5,000 m<sup>3</sup>** removed in three weeks

# when to use ecoflow<sup>®</sup> ?



## variations in your effluent

overcome fluctuations in your production without any investment

treat your effluent without any investment

improve management of your site's discharges

benefit from the support of an expert capable of troubleshooting and proposing solutions tailored to your needs

## customer case in the food & drink sector

- challenge:** reduce local charges while complying with its contractual obligations governing discharges into the network
- solution:** separate and then outsource treatment of the most concentrated effluent

**20% cost reduction**

# when to use **ecoflow**<sup>®</sup> ?



**resources  
protection**

**choose**  
the best treatment for your effluent

leverage a "long-term" partnership for managing your effluent

gain access to receiving plants offering an **alternative to incineration**,

**recover your waste** and thereby enable the receiving plant to increase its treatment performance

## **customer case in the chemicals sector**

- challenge**: find an **alternative to incineration** for complex aqueous waste produced in quantities too small to justify an extension to the plant
- solution**: by preventing discharges into the natural environment, the **ecoflow**<sup>®</sup> service represents an environmentally-friendly solution **satisfying the requirements of the plant's operating licence**



# ecoflow<sup>®</sup> choosing the right treatment for your effluent

## physico-chemical treatment\*

- surface treatment baths
- water containing hydrocarbons
- acid or alkali baths
- water containing alcohol or organic acids
- retention water

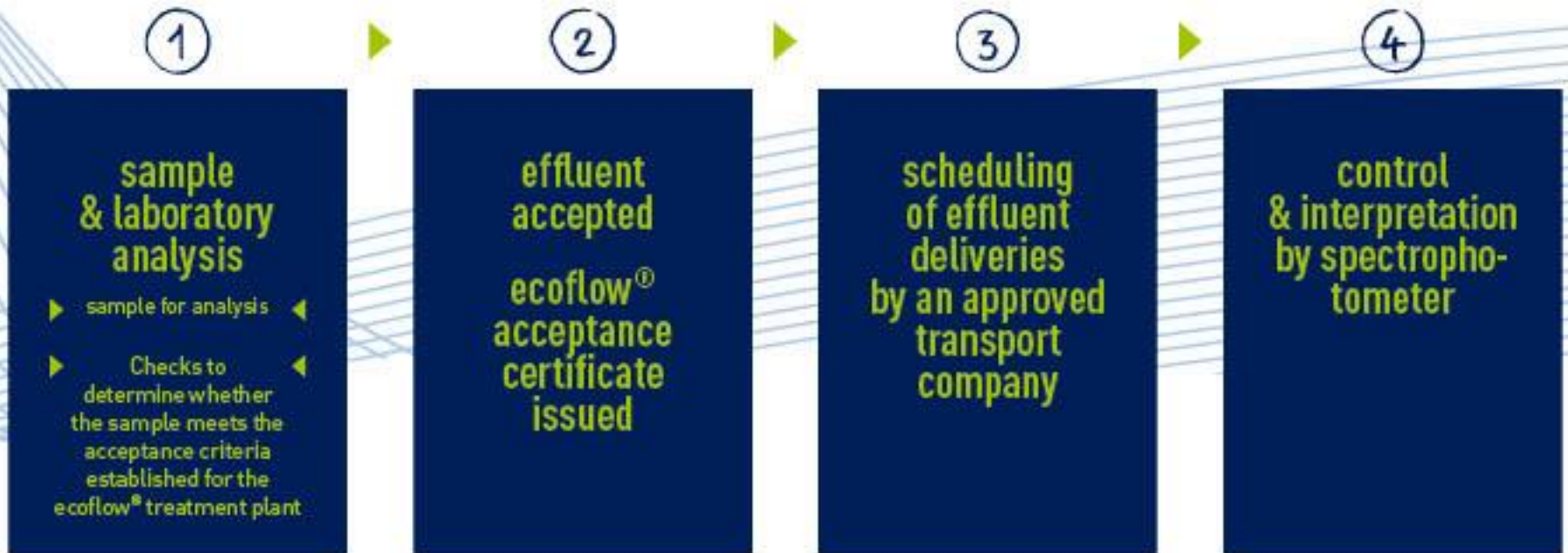
or

## biological treatment\*

- rinsing water
- washing water
- mixing water
- pit water
- leachate

\*in accordance with the requirements of the operating licence

# ecoflow® effluent acceptance process



~~effluent rejected~~

SUEZ supports you every step of the way in ensuring compliance with legislation and QHSE procedures

\* Effluent acceptance criteria set out in the local authority regulations governing the ecoflow® receiving plant



# ecoflow<sup>®</sup> conformity with regulatory requirements

1. Analysis of the **source** and **chemical composition of the effluent**
2. **Regulatory analyses on a representative sample:**  
COD, BOD5, TTS, pH, chlorides, nitrogen, phosphorus... at the very least
3. **The effluent profile is then determined.**  
The profile will be recognised by a spectrophotometer according to the preliminary acceptance certificate issued.
4. Check on **compatibility** with the treatment plant.
5. **Exclusion criteria** (in accordance with the site's operating licence):
  - heavy metals
  - hydrocarbons
  - any one of the 41 substances prohibited by Annex X of Directive 2000/60/EC of 23 October 2000 and any one of the 8 substances prohibited by Annex IX of the European Water Framework Directive
  - non-biodegradable effluent
  - effluent that could endanger the safety and health of operators

# ecoflow<sup>®</sup> network in France



your **ecoflow<sup>®</sup>** contact :  
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# they trust ecoflow®



# ecoflow<sup>®</sup> is part of a global treatment solutions offer for the industrial

