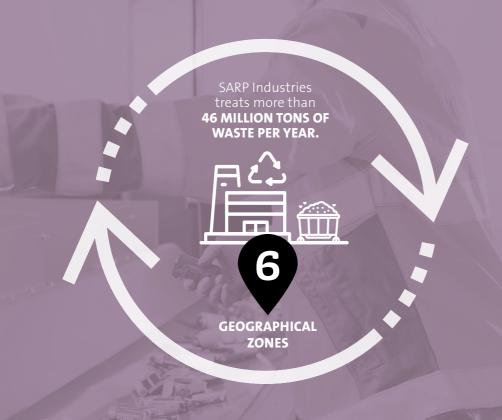


BATREC, part of SARPI-VEOLIA

BATREC is a leading specialist in the treatment and recycling of hazardous wastes. We are part of SARP Industries, a member of the VEOLIA group, the European leader in our field.

BATREC sets a benchmark in the world of treating difficult, hazardous wastes, particularly those containing mercury. We treat and recycle batteries, various mercury contaminated wastes, liquid elemental mercury and absorbents & catalysts containing mercury for clients globally. We also have a world class activated carbon reactivation plant.





Wimmis





1991

FUNDATION



ISO 9001 ISO 14001 OSHAS 18001

CERTIFICATIONS



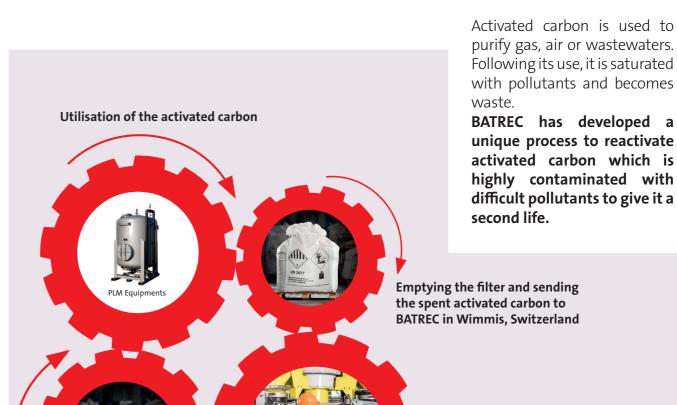
Liquid Mercury Stabilisation Activated Carbon reactivation Mercury wastes treatment Mercury adsorbents recycling Battery recycling

5 CORE SPECIALITIES

The reactivation of activated carbon



BATREC's expertise



Treatment and reactivation of the activated carbon



Granular Activated Carbon

spent AC mainly coming from the treatment of LIQUIDS. E.g. waste waters.

2 types of activated carbon

The impregnated AC cannot be re-used for its original purpose, but it can be recycled for another one.

Sending back the reactivated carbon (product) to the customer

Treatment capacity:
6.000 tons/year.
3 production lines



Activated Carbon
spent AC mainly coming
from the treatment
of NON-LIQUIDS
E.g. gas & air.

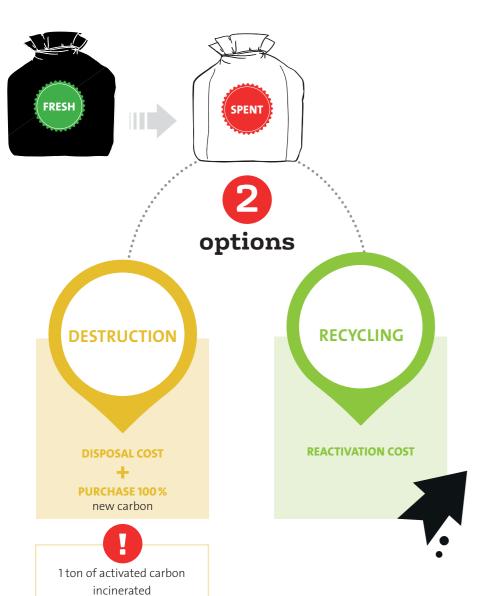
A unique treatment process for activated carbon **OFF-GAS WET OFF-GAS** THERMAL **TREATMENT** TREATMENT TREATMENT Desorption of pollutants Condensation of mercury Elimination at 750° - 850° C Elimination of sulphur of remaining trace mercury Destruction of pollutants ✓ Elimination of chlorine SPENT AC WITH POLLS (chlorine, sulphur, mer in the post-combustion chamber pollutants CHIMNEY COMBUSTION SULPHUR SEPARATION SEPARATION **ACTIVATED CARBON** FURNACE FINE PARTICULATE ALCALINE WASTE WATER WASTE WATER **REACTIVATED AC** INTERMEDIARY FILTER **WASTE WATER TREATMENT**

The advantages of reactivation

Transform waste into a resource

More than 3 tons of CO₂ emissions

With its unique and innovative process, BATREC can reactivate spent activated carbon contaminated with difficult pollutants in order to give it a new life, preserving the natural resources of our planet.





ZERO waste solution



The carbon footprint is 70 % to 90 % less when we re-activate



Reactivation costs are cheaper than disposing of used activated carbon and buying new activated carbon



Lower life-cycle cost



No waste so no disposal costs

GLOBAL OFFER working with you



Together we identify the activated carbon application



You provide 2 samples :

- fresh activated carbon - Spent activated carbon (2 kg)



BATREC prepares the TFS and transports the waste for reactivation



You provide available technical information on the fresh carbon (technical datasheets)

BATREC produces

proposal

the technical/commercial



BATREC carries out a reactivation trial in our on-site laboratory

Compares results with the fresh activated carbon



BATREC conducts the AC reactivation

Sends a sample with a reactivation report



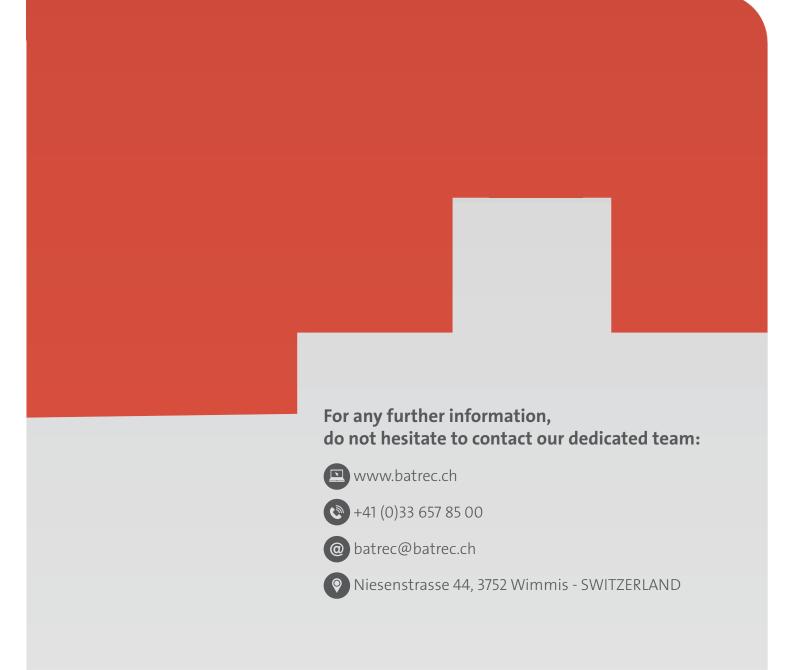


BATREC validates the technical/commercial proposal from Step 1



BATREC sends the approved reactivated AC to you





You're more than welcome to visit us!
We would be delighted to be your trusted partner
for the reactivation of your activated carbon to reduce
your operational costs and your carbon footprint.

