



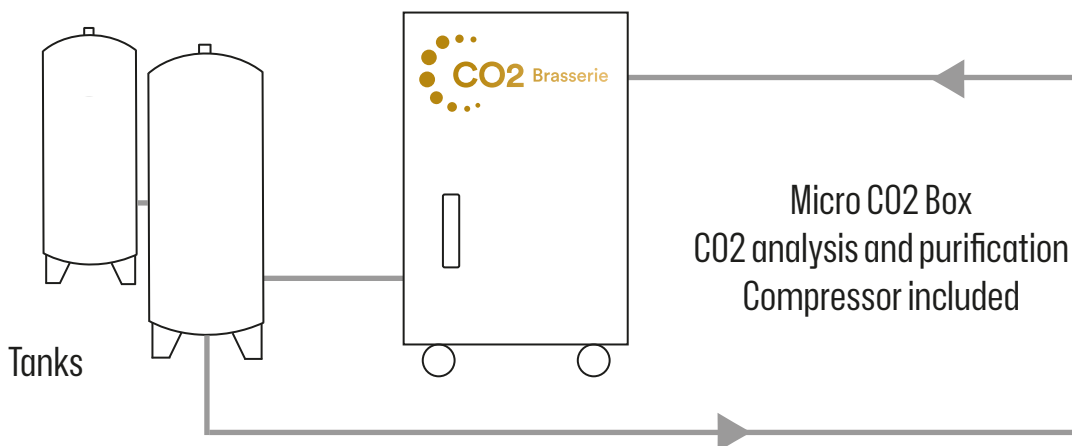
## Capture and reuse of fermentation CO<sub>2</sub> in the brewery

**Circular economy**

# Breweries from 1 000 to 10000 hectoliters

## MICRO CO2 BOX

- Captured CO2 quality analysis unit
- CO2 purification (drying, bacterial filtration, etc.)
- Compression of CO2 from 8 to 12 bars
- Between 12 and 50 kg compressed per day
- Automated system with parameter setting CO2 quality
- Remote system supervision option
- Option to measure CO2 levels, temperature and humidity in the brewery with an alarm system



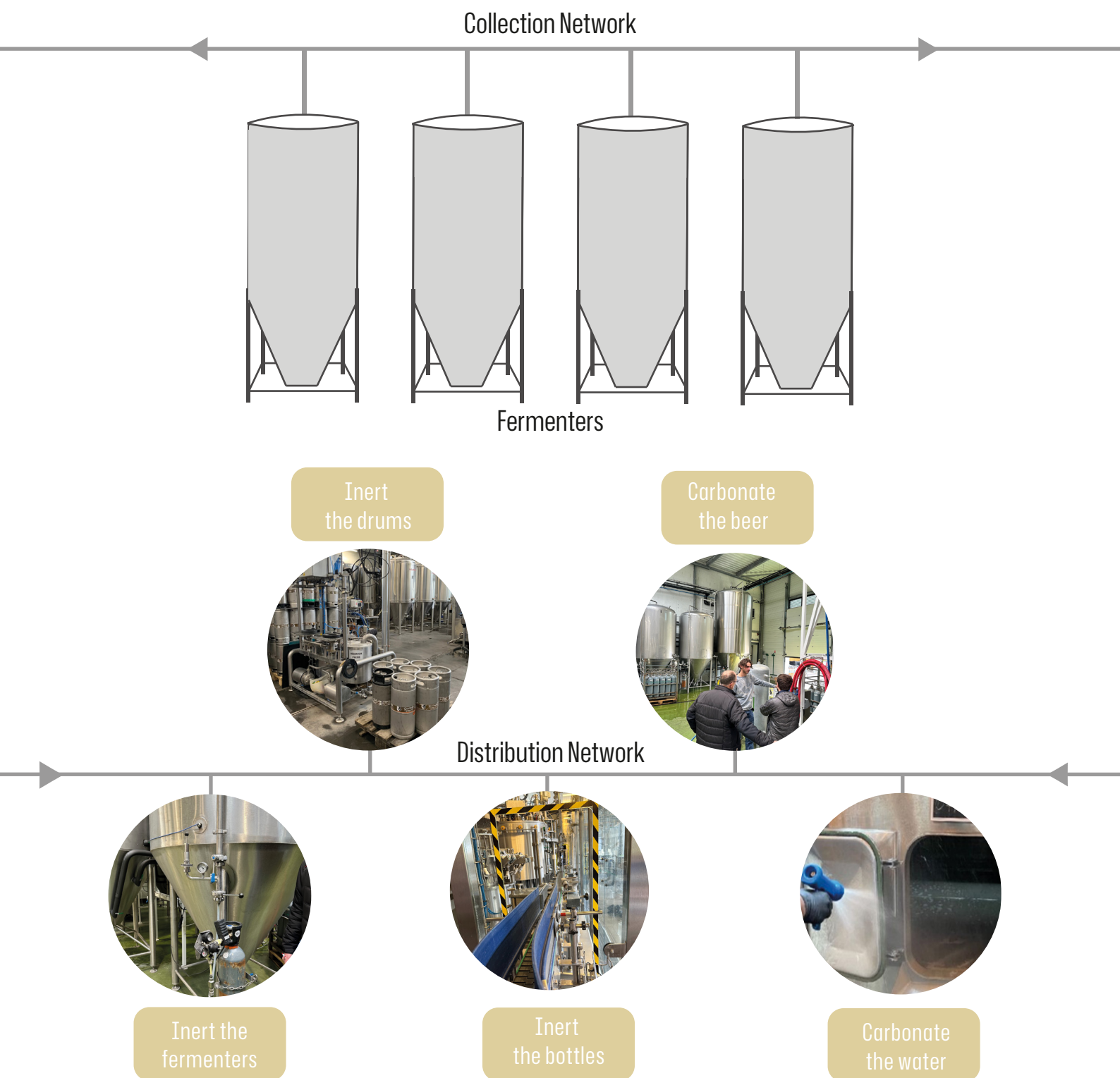
## Réservoirs

- Tanks ranging from 3,000 L to 8,000 L that can be connected in series to store CO2 at 8 or 12 bar
- 1,000 L tank: storage capacity of 14 kg at 8 bar
- Equipment: manual drain, pressure gauge, and calibrated relief valve
- Food-grade internal coating





# CO<sub>2</sub> capture and utilization system for breweries



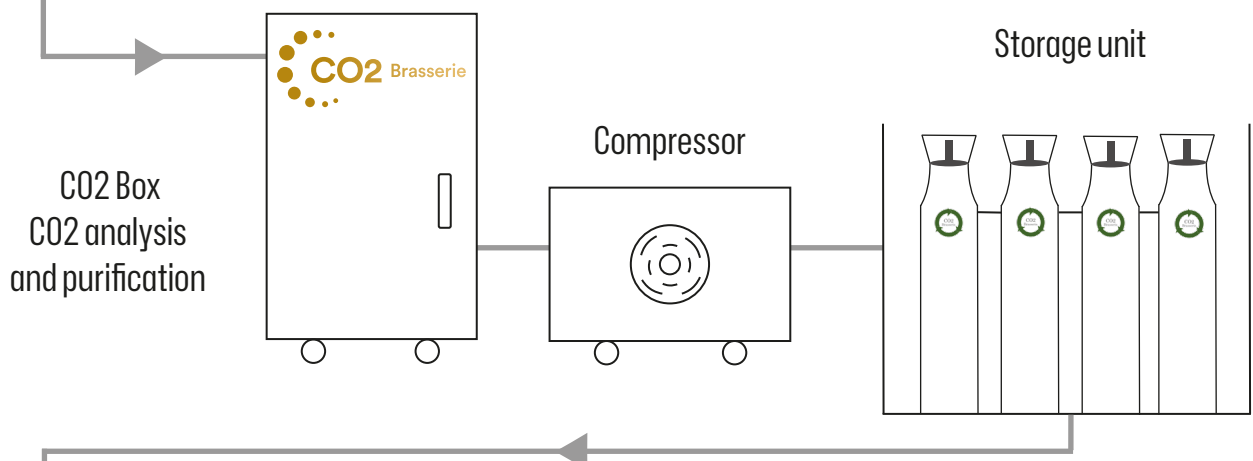
Once captured, analyzed, purified, and compressed, the CO<sub>2</sub> can be reused within the brewery in various ways, depending on the objectives, or resold.

# Breweries of 5000 hectolitres and over



## CO2 BOX

- Captured CO2 quality analysis unit
- CO2 purification (drying, bacterial filtration, etc.)
- CO2 compression from 20 to 200 bar (gaseous or liquid state)
- Compression capacity ranging from 150 kg to several tonnes per day
- Automated system with configurable CO2 quality settings
- Remote system monitoring
- Monitoring of CO2 levels, temperature, and humidity within the brewery, including an alarm system



## Storage Unit

- Allows for CO2 storage pending reuse
- Unit consisting of 6 (200 kg) or 12 cylinders (400 kg)
- Optional distribution unit to feed stored CO2 into the CO2 network





# The benefits

1

Staff safety and  
comfort

2

CO2 purchasing  
savings

3

Reduction of  
carbon footprint

4

Reduction in water  
consumption

5

Improvement of beer  
quality



# Our equipment handles the recovery of your CO2!

They support us



## Contact us

-  Innogaronne, 33000 Bordeaux
-  +33 (0)5 54 54 24 52
-  [contact@w-platform.fr](mailto:contact@w-platform.fr)
-  [www.co2-brasserie.fr/en](http://www.co2-brasserie.fr/en)
-  @ CO2 Brasserie