



STERILWAVE



**INNOVATIVE SOLUTION
FOR BIOMEDICAL WASTE
MANAGEMENT**

Biomedical waste

A worldwide challenge for public health & environment

Treating properly hospital waste must be a priority



From tens to hundreds kilos of dangerous bio hazardous waste are produced daily in each hospital



Infectious biomedical waste is considered as the most **dangerous waste generated in hospital**



More than 40% of healthcare centers don't have suitable system to treat infectious waste safely

The Covid-19 pandemic has increased the volume of infectious waste generated by healthcare centers which represents a major biological threat if not treated properly.



The WHO and the United Nations recommend to treat infectious waste directly on hospital site



Sterilwave®,
the on-site solution
compliant with the WHO's
recommendations



Sterilwave®

A full range of on-site solutions

The most compact solution combining shredding & microwaves heating in one single vessel



STERILWAVE 100

Volume of the vessel: **100L**
Treatment capacity: **200 L/h, up to 20 kg/h***
Average cycle time: **30'**
Dimensions (L x W x D): **1,7 x 1,2 x 1,1 m**
Weight: **700 kg**
Recommended working area: **8 sq.m**
Ceiling height: **2 m**
Electricity: **400V/ 3-Phase, 40A****

STERILWAVE 250

Volume of the vessel: **250L**
Treatment capacity: **500L/h, up to 50kg/h***
Average cycle time: **30'**
Dimensions (L x W x D): **1,6 x 1,1 x 1,5 m**
Weight: **1200 kg**
Recommended working area: **10-12 sq.m**
Ceiling height: **2,2 m**
Electricity: **400V/ 3-Phase, 63A****



STERILWAVE 440

Volume of the vessel: **440L**
Treatment capacity: **880L/h, up to 88kg/h***
Average cycle time: **30'**
Dimensions (L x W x D): **2 x 1,1 x 2 m**
Weight: **1400 kg**
Recommended working area: **15 -20 sq.m**
Ceiling height: **3m** (3,85m with automatic loading option)
Electricity: **400V/ 3-Phase, 63A****



*with a waste density of 1L=0.1kg, variable on the type of waste

**adaptable to other electrical specifications



Sterilwave® Key benefits

Manufactured in France,
Sterilwave® Technology is referenced worldwide



Efficient

Up to 8log10 inactivation
Compliant with all international standards



Cost Reduction

Plug & Play solution
Easy Maintenance
Low operating cost



Safe

No pressure
No irradiation risk
No chemicals



No waste segregation

Adapted to any kind of solid medical waste with their bags and containers, including sharps and related



Eco-friendly

Only electricity
No water, no liquid effluent
Circular economy possibility

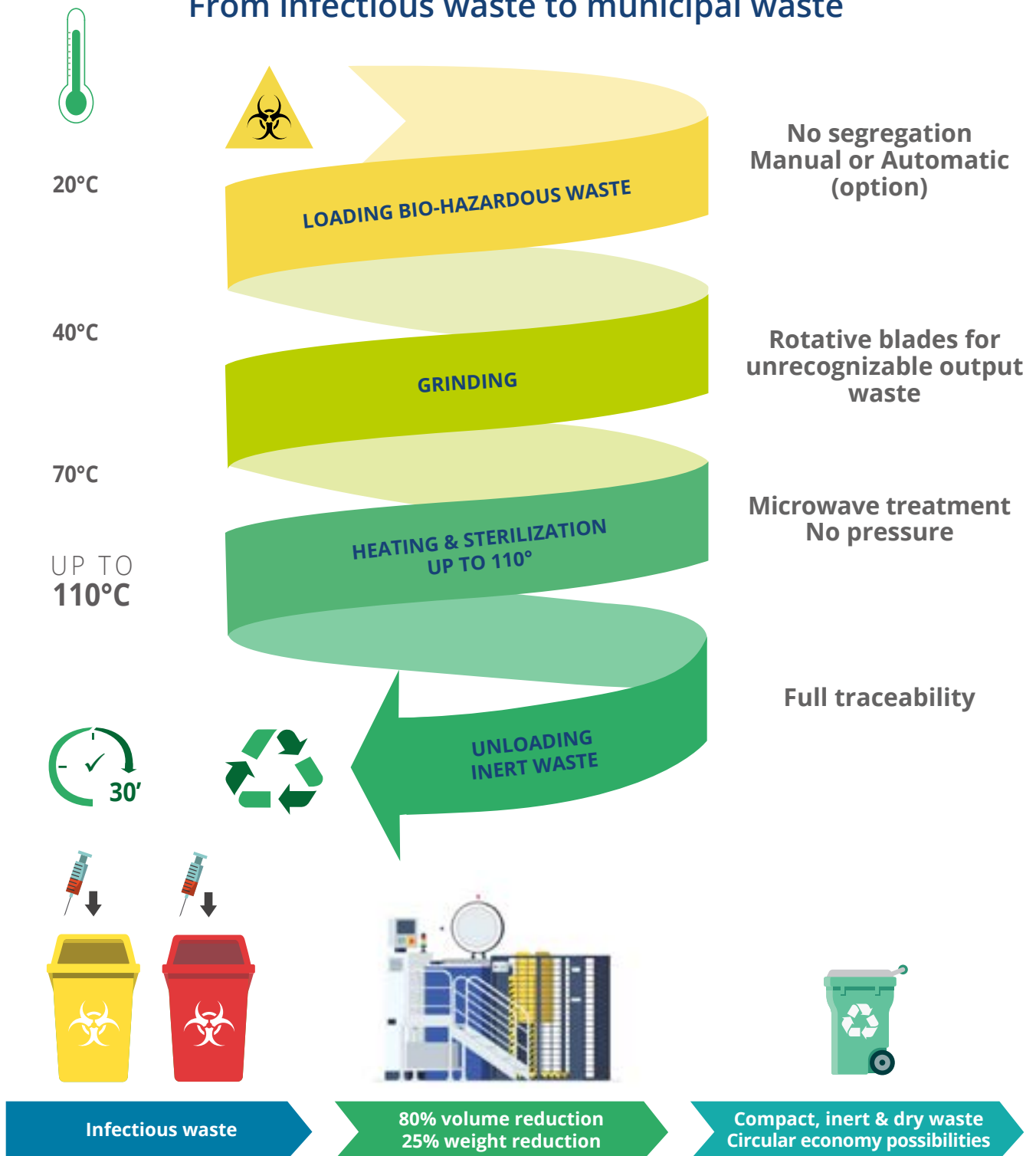


Sterilwave®, a cost-competitive technology
that reduces your carbone footprint.



A 30 minutes automatic process in one single vessel

From infectious waste to municipal waste





Sterilwave® Innovative solution

A comprehensive offer of Technical Services



Technical support worldwide:
installation & training,
on customer site



Real-time monitoring
of all operational data
at distance

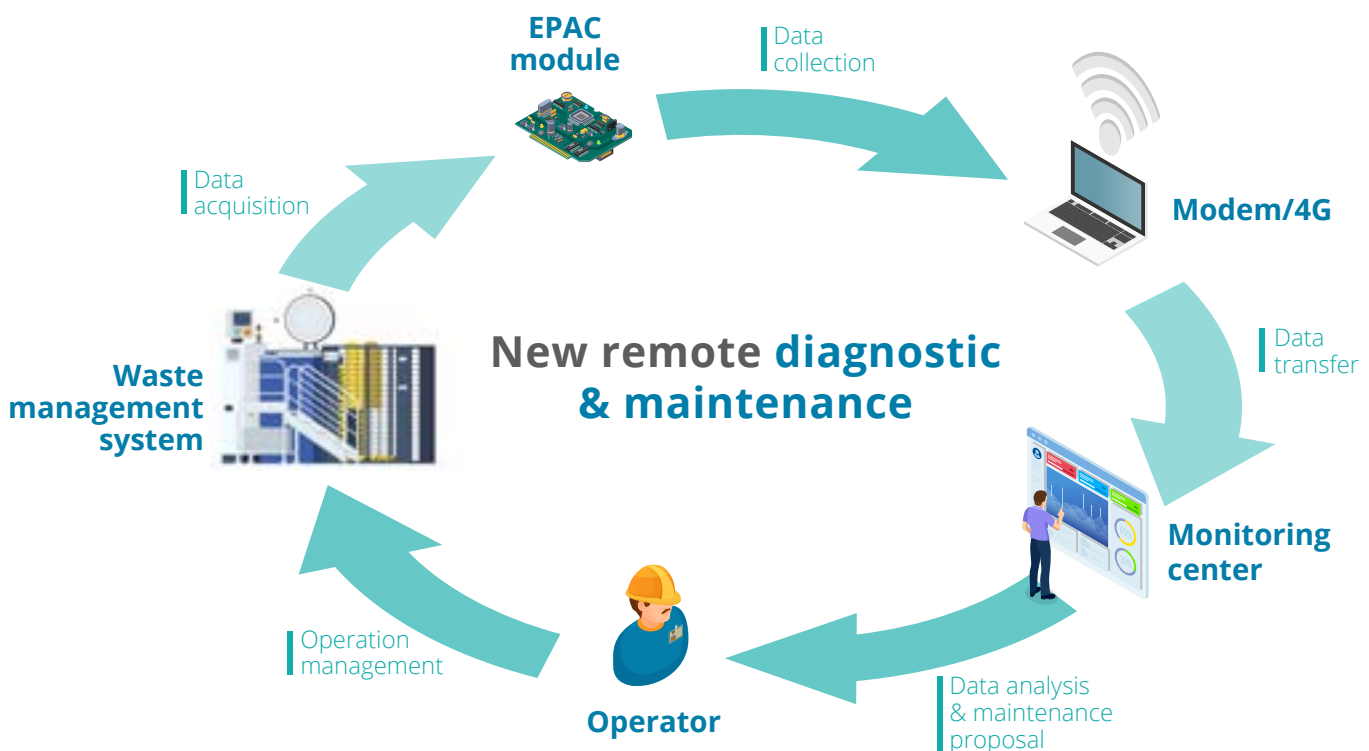


Smart maintenance:
video tutorials &
maintenance protocols on
secured customer platform



Factory in France:
continuous availability
of spare parts & express
shipping worldwide

Bertin Monitoring Center:
diagnostic & maintenance system online available 24/7





Sterilwave® Multi-applications solution

A patented technology adapted to your needs



Hospitals, clinics, laboratories,
healthcare centers



Specific integration on demand:
container, remote location, temporary
intallation & field hospitals



Sterilwave®, a reliable plug & play solution

For any type of biomedical waste

Hospital & laboratory waste, solid & liquid
medical waste, human & animal pathological
waste, sharps & prickly hospital waste with
their containers, cultures and stocks,...

**Sterilwave is adapted to any waste
listed in state and federal regulations
as medical waste.**



BERTIN MEDICAL WASTE, a brand of CNIM Group, relies on 160 years of experience in design & manufacturing of innovative industrial solutions worldwide.



€590 million
revenues in 2019



+2 700
Employees
incl. 1300 engineers



Quoted on the
stock market
since 1987



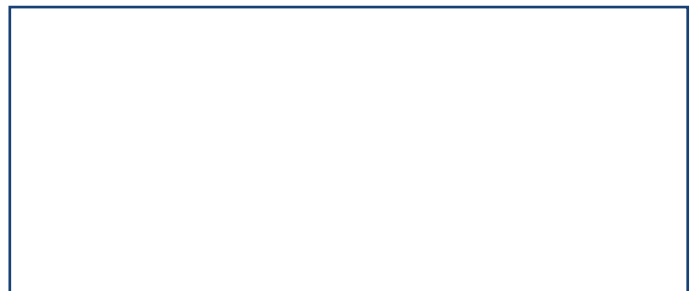
Global presence
on 4 continents



A worldwide network of distribution



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