

**Deltasorb<sup>®</sup> • Centralsorb<sup>™</sup>**

ANESTHETIC COLLECTION SERVICE

# Where is your vented ANESTHETIC WASTE going?



Prevent the **VENT<sup>®</sup>**

Capture toxic  
greenhouse gas  
emissions

*Saving our neighbourhoods... every day!®*

blue  zone<sup>®</sup>

Greening  anesthesia<sup>®</sup> SOLUTIONS

# STOP venting toxic anesthetic waste into the atmosphere!

## The Facts

A mid-sized hospital's annual emissions of inhalation anesthetics into the atmosphere...

equates to roughly **400 cars...**



offset by **125,000 Trees...**



or...

**Deltasorb®**  
ANESTHETIC  
COLLECTION  
SERVICE



## Did you know...

**95% of delivered anesthetic gases from hospital ORs are vented outdoors**

- Causes adverse impact on air quality; emitted daily
- Seven times heavier than air, drops and lingers at ground level

**Vented anesthetic gases are halogenated ethers**

- Toxic and potentially lethal when inhaled
- Treated as an Occupational Health and Safety Hazard in ORs

**Waste anesthetic gases have significant impact on climate change and are expected to double over the next decade**

- Greenhouse gases up to 3,766 times more potent than CO<sub>2</sub>
- Emissions by an average hospital are equivalent to 400 cars annually
- To offset emissions, an average hospital would need to plant 125,000 trees every year
- In 2013, added to the Environmental Protection Agency 'watch list'

**Deltasorb®/Centralsorb™ Anesthetic Collection Service captures and recovers anesthetic waste into usable product**

- Only proven, viable Cradle-to-Cradle® solution for complete anesthetic life cycle stewardship

# STOP venting toxic anesthetic waste into the atmosphere!

## **Deltasorb® • Centralsorb™** ANESTHETIC COLLECTION SERVICE

### Complete solutions for capturing and recovering anesthetic waste

#### Prevent the VENT®

- Industry standard to prevent the exhaust of waste anesthetic gases
- Uses Deltazite® to selectively adsorb each anesthetic gas from the waste stream prior to exhaust to outdoors
- No capital outlay, limited system retrofits required
- Simple integration with existing scavenging exhaust systems
- Low-maintenance, "out of the box" answer to anesthetic pollution

#### Greening Anesthesia® SOLUTIONS

- Capture and recover anesthetics
- Immediate anesthetic emission reduction - monitored and reported regularly
- Hospital accreditation benefits



- Captured waste anesthetics are extracted from the Deltazite® and processed into new, medical grade generic anesthetic drugs

#### Easily installed right in the Operating Room



#### ANESTHETIC COLLECTION SERVICE

- Portable canister installed in-line with the anesthetic gas machine exhaust
- Adopted standard among leading surgical facilities
- No retrofit required
- Seamless installation



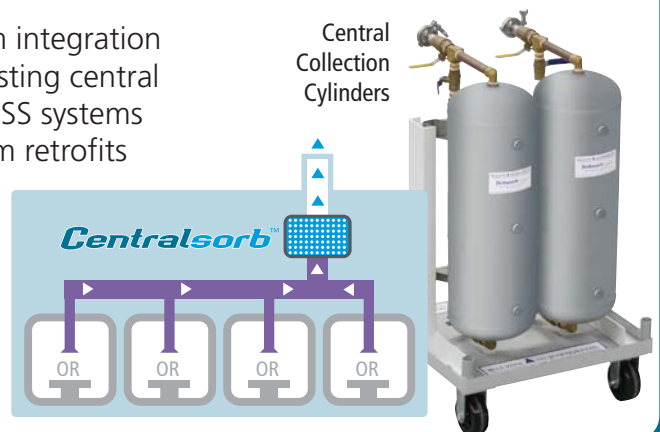
Portable Canister installed in the OR

#### Simply adds on to existing Scavenging System



#### ANESTHETIC COLLECTION SERVICE

- Simple system integration add-on to existing central WAGD or AGSS systems
- Limited system retrofits required
- Seamless installation



Install Deltasorb® or Centralsorb™ Anesthetic Collection Service at your hospital,  
Call (905) 761-1224 or visit [www.blue-zone.ca](http://www.blue-zone.ca)



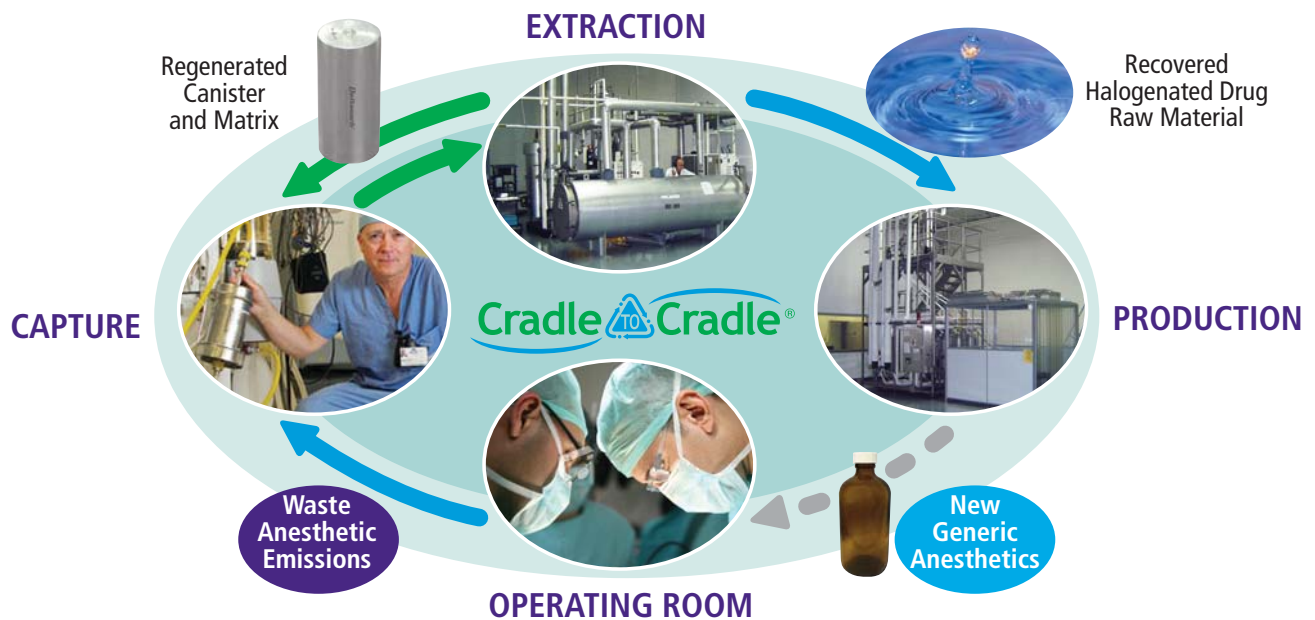
## Why Choose Blue-Zone?

1. Canadian pioneers raising awareness of waste anesthetic gases, and leading the worldwide movement to Prevent the Vent® for once and for all
2. Award winning Greening Anesthesia® technology referenced in many journals and publications
3. Globally unique patent to capture and recover halogenated anesthetics for Cradle-to-Cradle® life cycle stewardship
4. Cost-effective, adaptable and scalable for installation in individual operating theatres (Deltasorb®) or in central locations (Centralsorb®)
5. Trusted provider of Greening Anesthesia® Solutions for over a decade

Call (905) 761-1224  
or visit [blue-zone.ca](http://blue-zone.ca)

Search on YouTube for:  
*Deltasorb® Anesthetic Recycling  
Technology*

*A turn-key solution that no other company can offer globally!*



Blue-Zone Technologies Ltd. Vaughan, Ontario, Canada • email: [health@blue-zone.ca](mailto:health@blue-zone.ca)  
[www.blue-zone.ca](http://www.blue-zone.ca)

*Saving our neighbourhoods... every day!®*

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