Healthcare waste management

Is there a chance to non-hazardous healthcare waste?

Procuring recycling solutions for single use sanitary waste
Online workshop
June 28th 2023
What is the ICS?

The ICS is the biggest public healthcare provider in Catalonia.
What is the ICS?

6,000,000 referred population 82.2%
8 Hospitals
332 Primary Care Centres
617 rural Medical offices
52,000 professionals
Our mission is keeping people healthy
But doing so we impact on the environment
Healthcare waste
Decree 27/1999 on healthcare waste management

➢ Any waste produced in a healthcare centre is healthcare waste.

➢ 4 groups of healthcare waste

✓ Group I: Recyclable domestic waste
✓ Group II: Non hazardous sanitary waste
✓ Group III: Bio-hazardous sanitary waste
✓ Group IV: Other hazardous waste
Legal Frame

Decree 27/1999 on healthcare waste management

Group II

✓ Non hazardous
✓ Same treatment as domestic waste
✓ Laid in thick bags
✓ To landfill
Legal Frame

Decree 27/1999 on healthcare waste management

Group III

✓ Bio-hazardous
✓ Laid in hard containers
✓ Sterilization and trituration
Waste in the ICS

Group III 1,700 Tons/year

What can be done?

✓ It’s Bio-hazardous so can’t be manipulated
✓ Avoid to mix with non-hazardous
✓ Tracking system container per container
  Increases the management efficiency
Waste in the ICS

Group II 13,500 Tons/year

What can be done?

✓ It’s non hazardous when no manipulated, but needs to go untouched to landfill to ensure
✓ Reduction by avoiding single-use materials
✓ High quality materials potentially recyclable
✓ Previous sorting is difficult due to organisation and space
Waste in the ICS

Preliminary market consultation

✓ Only one proposal
✓ Building materials
✓ Recent creation company
✓ Not enough costumers yet
✓ Previous sterilization increases cost
Group II 13,500 Tons/year

Anyone else?
Ideas and proposals welcome
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