Decision Tree for the treatment of COVID-19 waste

COVID-19 waste

Generally manage waste from COVID-patients as other healthcare waste

Segregation of the waste (infectious /non infectious)

Infectious waste

Treatment in an existing BAT onsite system possible?
Yes
Pack waste for onsite treatment
No
Treatment in a central BAT treatment facility possible?
Yes
Pack waste and transport to central treatment facility
No
Treatment in other healthcare facility possible? (Cluster Treatment)
Yes
Pack waste and transport to healthcare facility
No
Treatment in a level 3 or at least level 2 onsite incinerator?
Yes
Pack waste and transport to incinerator
No
Controlled burial in a controlled landfill possible?
Yes
Pack waste and transport to the landfill
Controlled burial (coverage with waste)
No
Treatment of the waste in an existing, simple Level 1 incinerator possible?
Yes
Pack waste and transport to incinerator
Uncontrolled burning of waste
No
Onsite treatment together with other infectious waste
Advanced, central treatment
Treatment in existing treatment plant
Advanced, central treatment
Set up of simple on-site treatment system (e.g. barrel burning, pit burning)

Legend: Levels for Healthcare waste incineration
1: Uncontrolled batch combustion, no APCs
2: Controlled, batch, no or minimal APCs
3: Controlled, batch comb., good APCs
4: High tech, continuous, sophisticated APCs

BAT: Autoclave or High Tech Incinerator (level 4)
APCs: Air pollution controls