

Establishing appropriate sustainable options for disposal of biological waste

Biological Safety Officers Update 2018

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Tuesday 15th May 2018

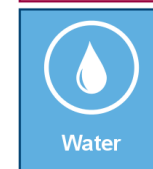
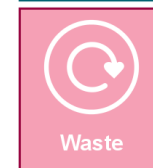
Environment & Energy

Green Labs



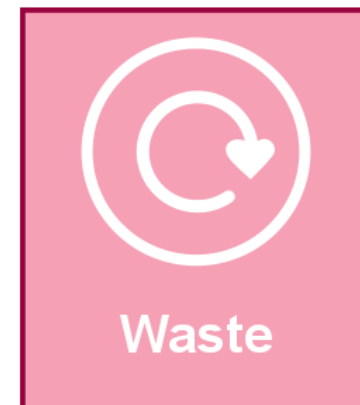
- A service for assisting lab-related staff and students to improve lab performance.
- A hub of useful approved information, advice and case studies of environmentally sound options applicable in labs.
- Flexible to demand. Get in touch!

www.environment.admin.cam.ac.uk/green-labs

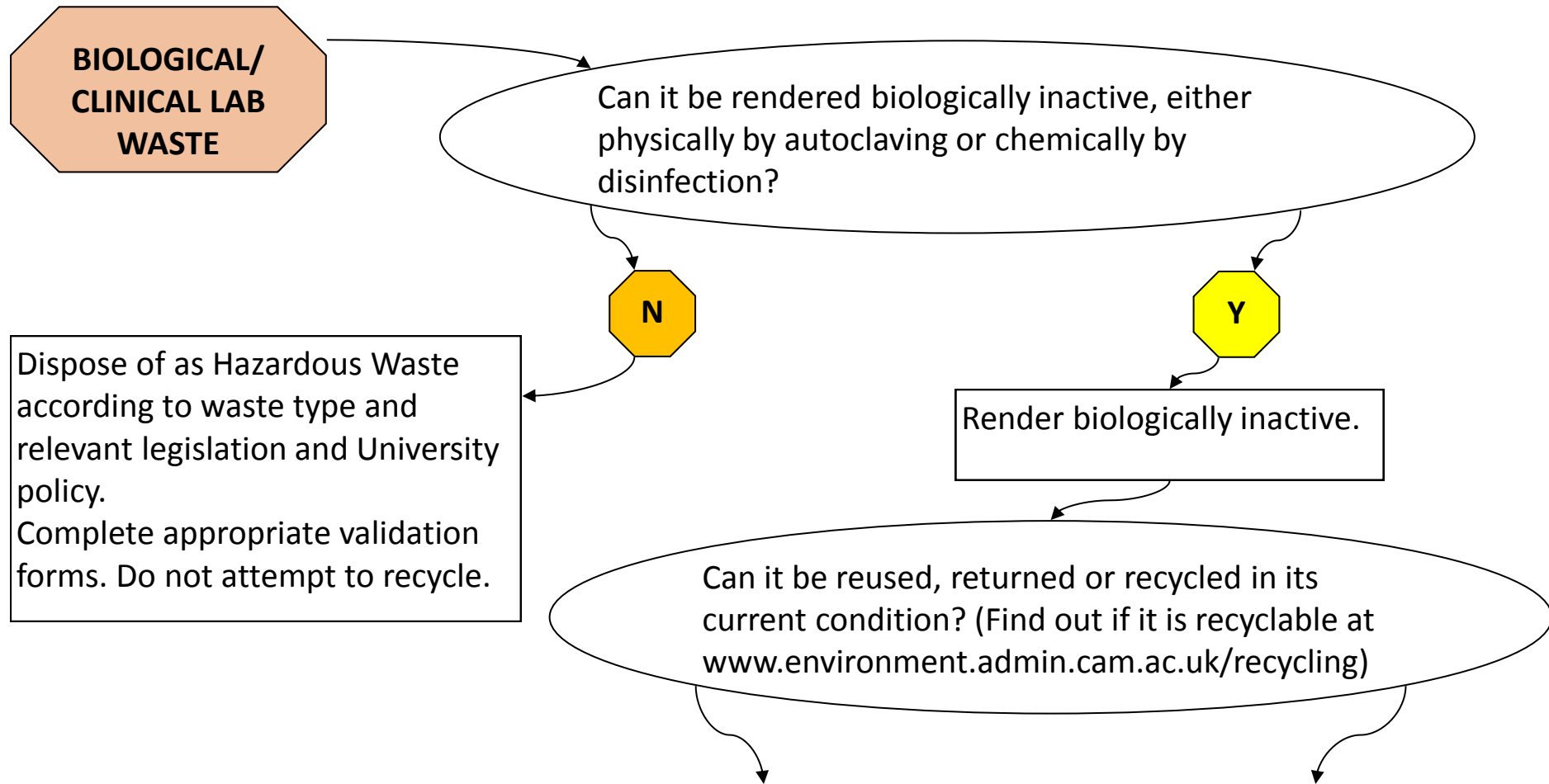


Waste – key messages

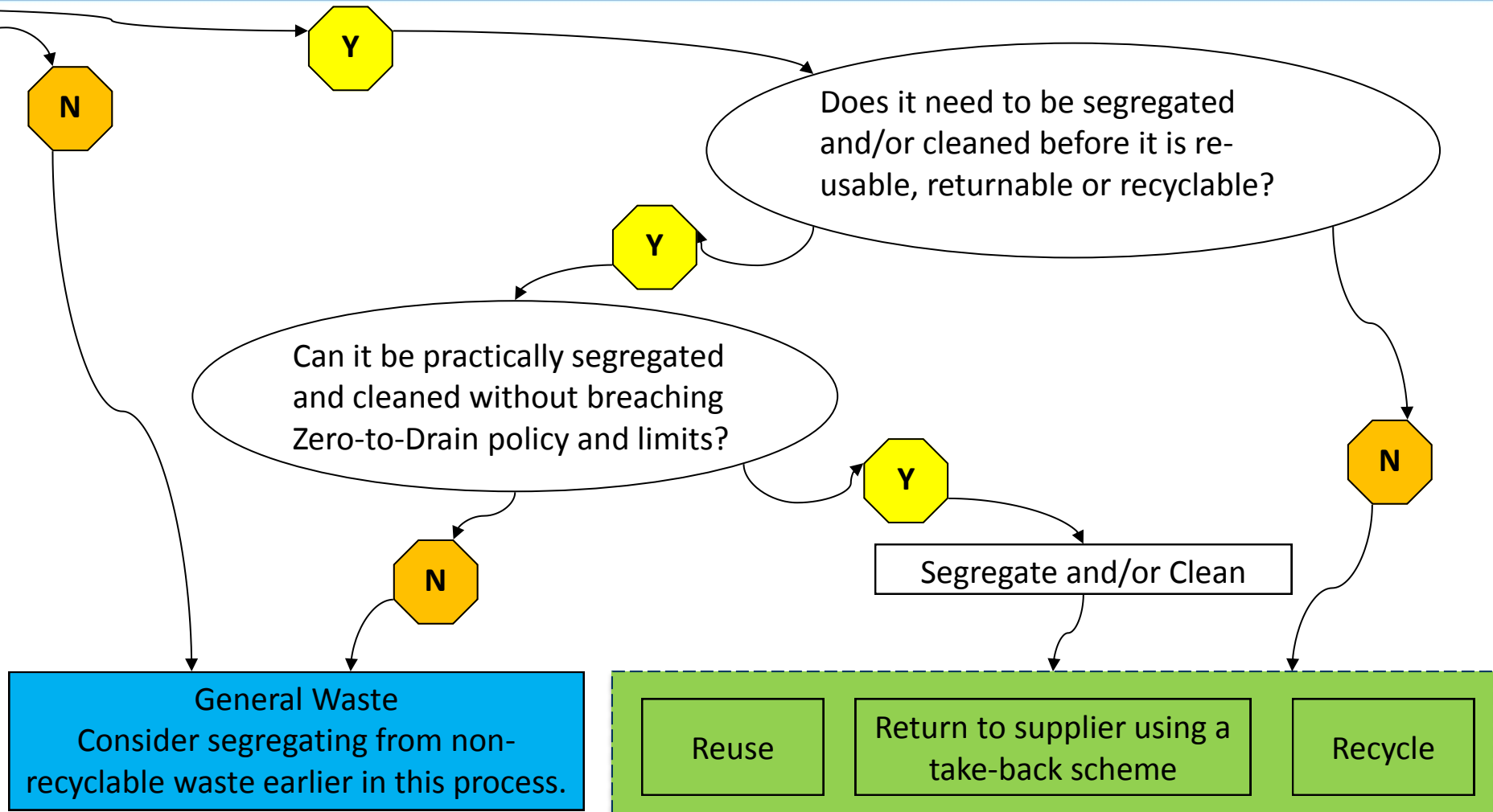
- The lab is not your home. It is covered by COSHH.
- Minimise waste at source by evaluating procurement choices
- If it is practical, segregate at source
- Make it safe first, then recycle, or clean and reuse if possible
- Radioactive, CL2, CL3; just dispose of it safely.
- Render waste biologically inactive before assessing reusability, return-ability and recyclability.



Decision-making (H&S)



Decision-making (Env)



Conclusion

- Distil complicated waste disposal into the key decisions
- Evaluate biological waste as a flow and establish where there is space for more environmentally responsible options.
- Is it safe? Is it appropriate? Is it worth it?
- Yes? Then we can reduce the environmental footprint of the lab.



Thank you



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CHALLENGE

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