



Reduce plastics in the lab



SCAN ME

Full approach



Review

- **Procurement.** Use sustainable products or suppliers, negotiate the purchase of kit components separately, and packaging options.
- **Take stock and share:** only order what is needed .
- **Protocol.** Are all steps needed? Could a new protocol be more sustainable?
- **Layout.** Optimise sharing of material, reduce waste opportunities, optimise recycling.



Reduce Replace



- Can you create reagents/kits in house?
- Can you use products or equipment that reduce plastic?
- Can you downsize plastic containers?
- Do you need all these samples, dilutions, gloves?
- Could more be shared between classes/labs?
- Consider replacing with alternatives (paper, wood, glass), but check sustainability.



Reuse Refill



- Consider reusing gloves, tips, tubes, cuvettes, pipettes, weighing boats and refilling containers.
- Can you rinse or wash between uses? Could someone else reuse it?
- Consider in house protocol/equipment to decontaminate, wash, sterilise.
- Could you repurpose it?



Recycle

- **Packaging:** Do we recycle it? If not, can it be sent back? Benefits from bulk buying?
- Are you following the guidelines for management of contaminated/non contaminated plastic?
- Could you recycle more with more organisation?