# Reduce plastics in the lab

## 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 and reduce waste opportunities.

## 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 in classes?
- 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?