

Sustainable Packaging for Local & Export Markets



Nikki Withington
SQUARE ONE

What is Sustainable Packaging?

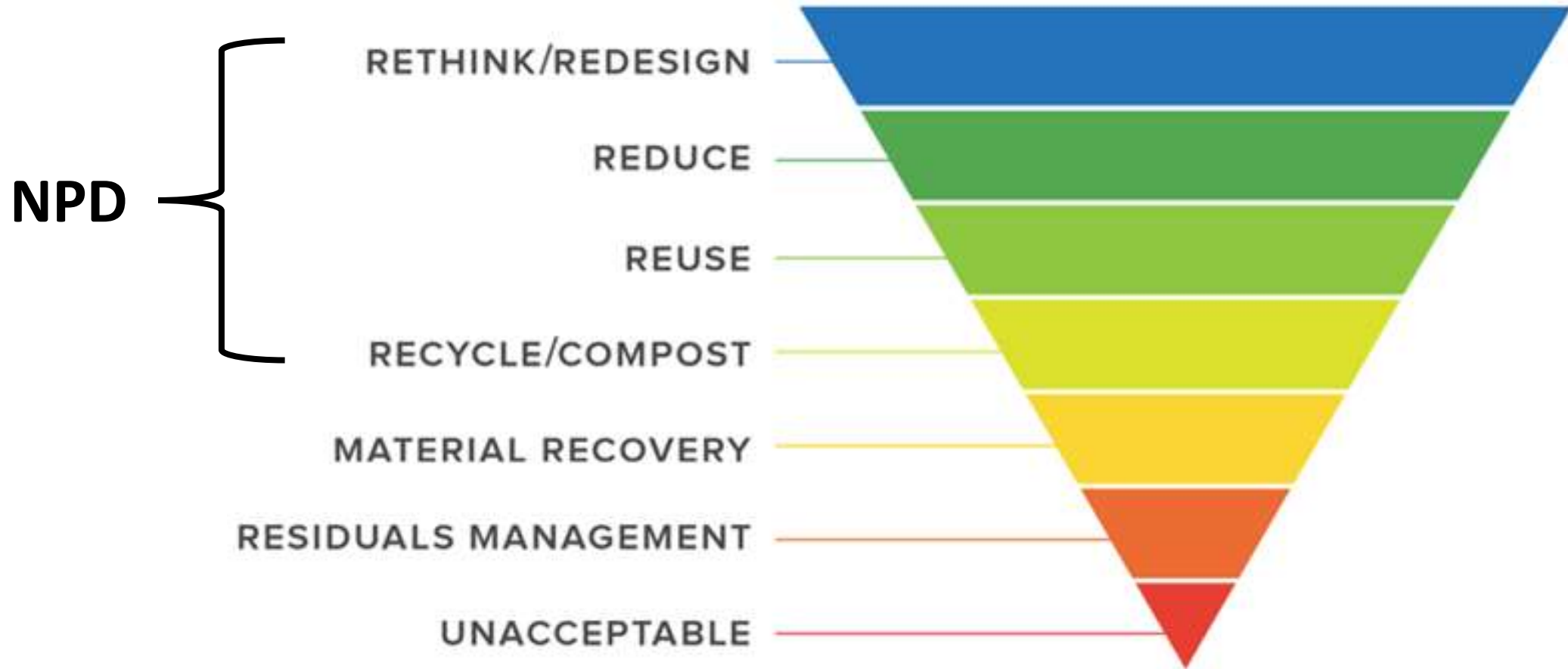


Design

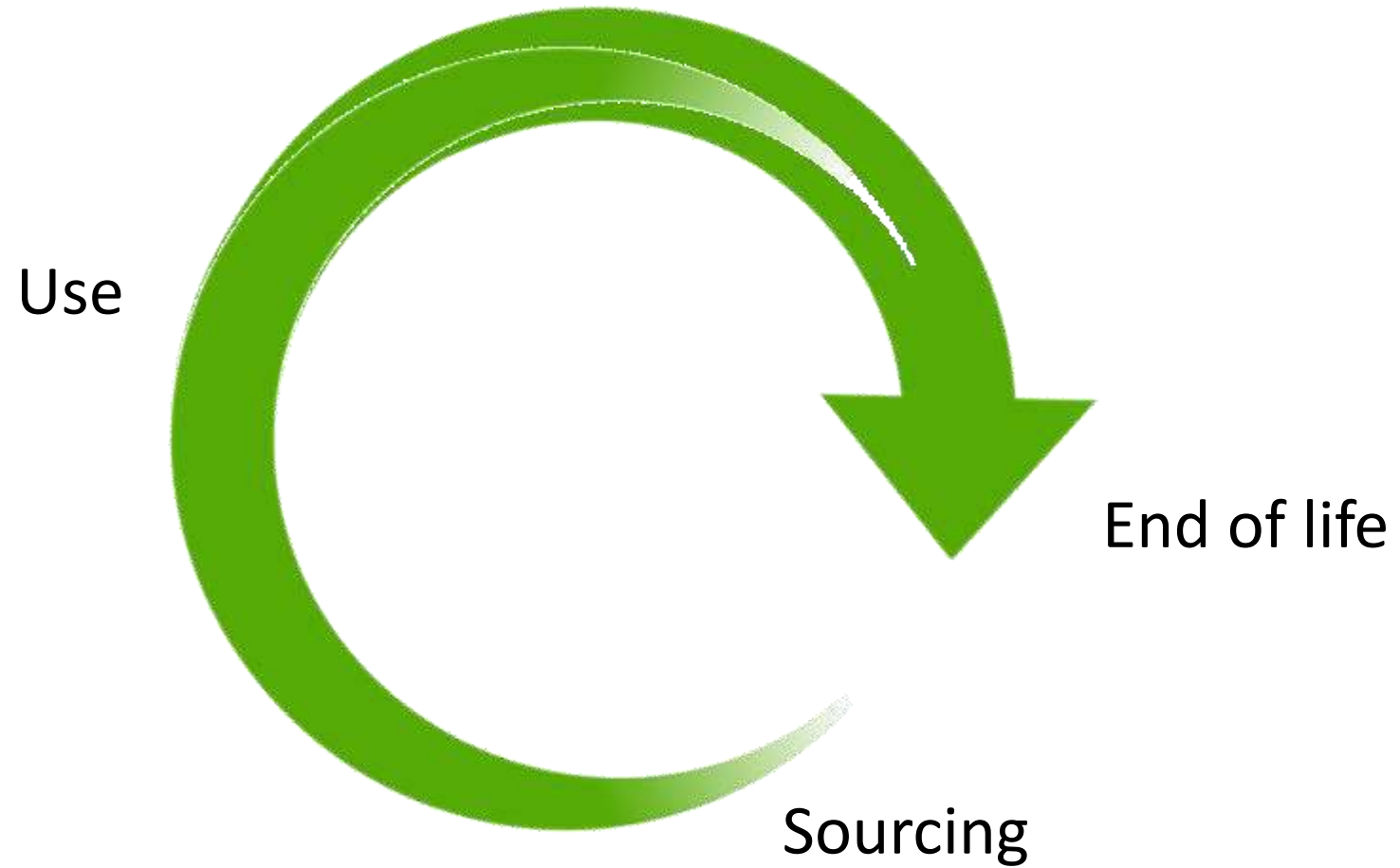
- Function
- Distribution Chain
- Environmental Conditions
- Aesthetics



Waste Hierarchy



Rethink/Redesign



Sourcing



Standards eg ASTM D 6400, [ISO 14001](#), HACCP



Reduce



Reuse



Recycling



Recycle – RIGID PLASTICS



Recycle – SOFT PLASTICS



Recycle - FIBRE



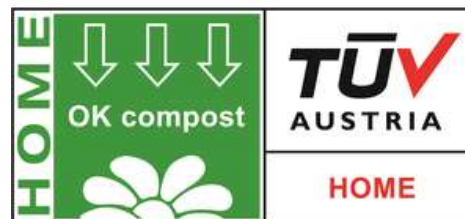
Recycle - Glass



Recycle - METALS

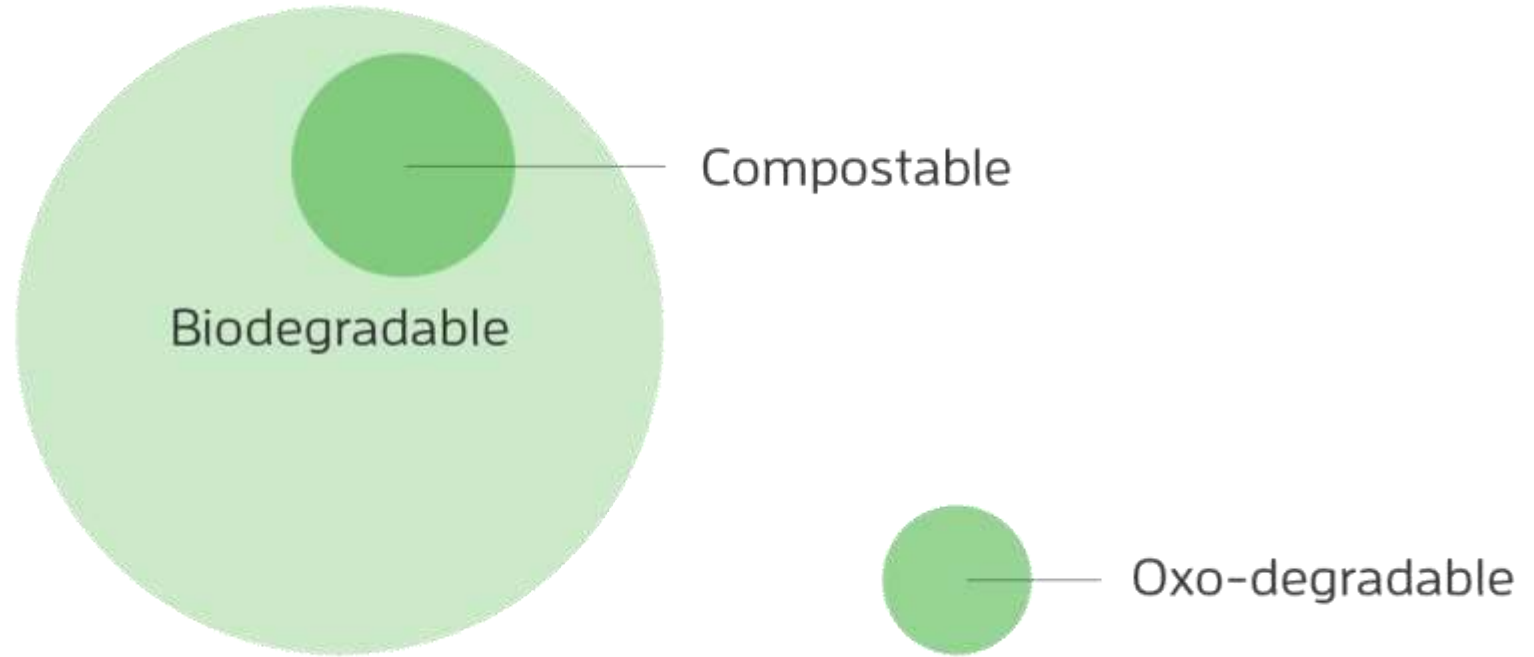


Compost

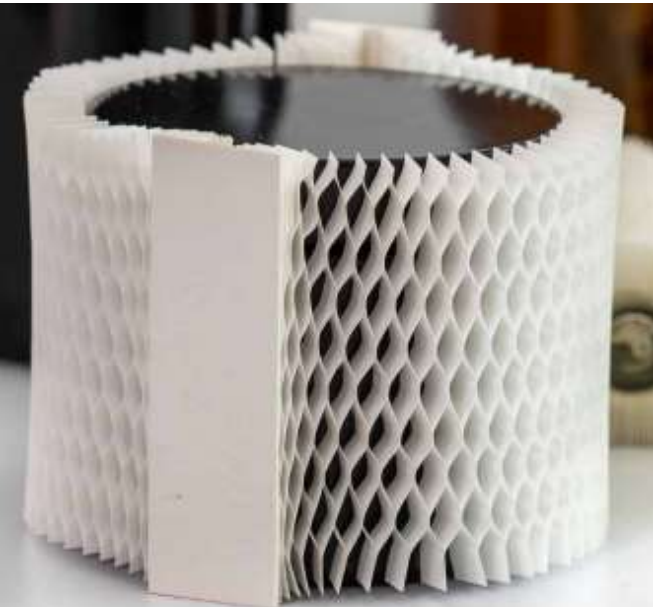


COMPOSTABLE
IN INDUSTRIAL FACILITIES

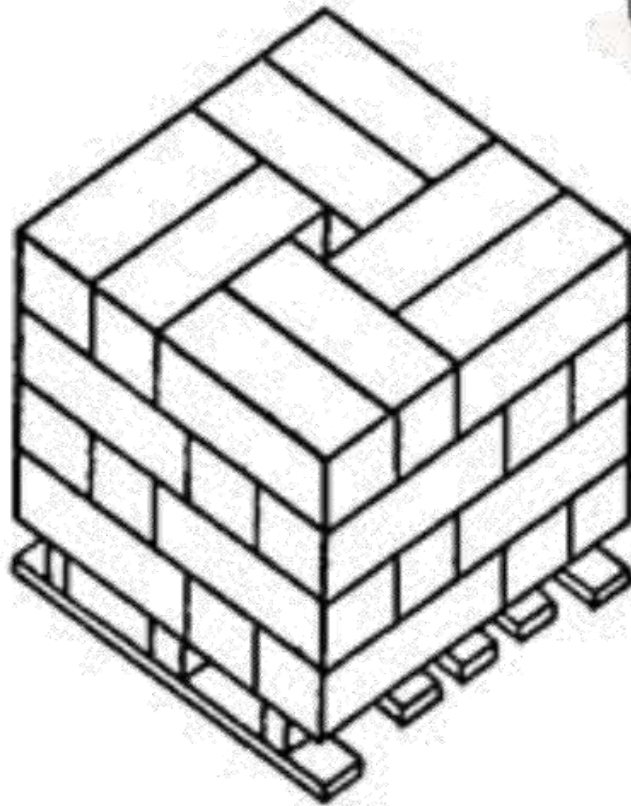
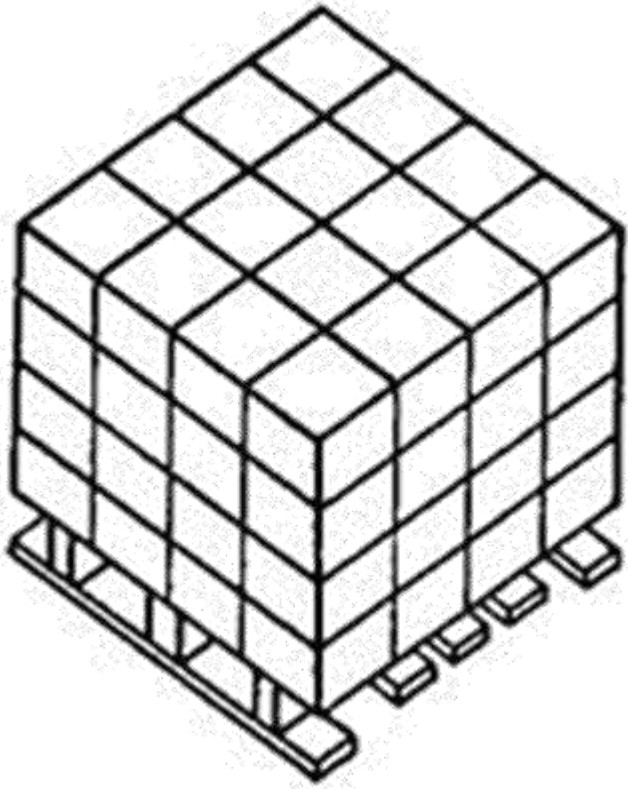
Check locally, as these do not exist in many communities. **Not suitable for backyard composting.** CERT # SAMPLE



Tertiary Packaging



Palletising



Innovate

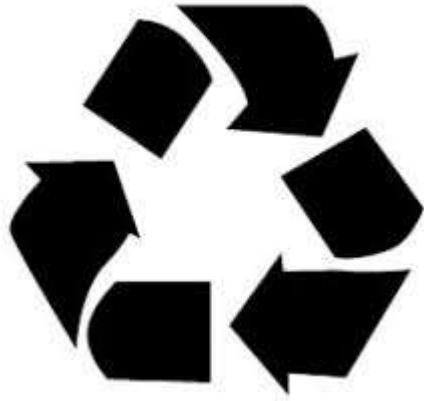


Smart Packaging

- Intelligent packaging
- Active packaging
- Connected packaging



Communicate



RECYCLABLE



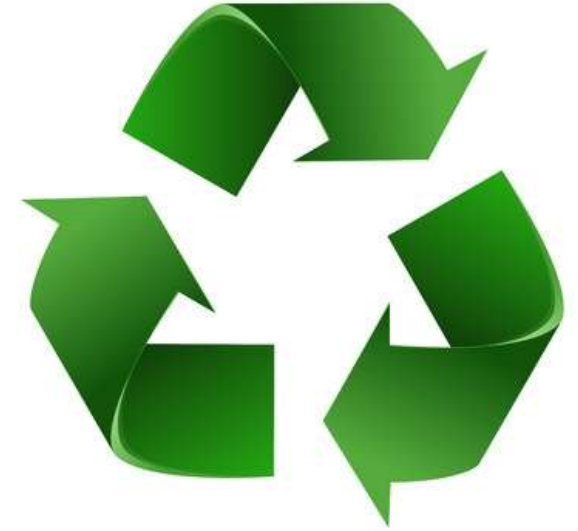
CONDITIONALLY
RECYCLABLE



NOT RECYCLABLE

In Summary

- Design
- Material Selection
- Communication





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