

What goes round, comes round



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Our survey said...

Asia	CIS	Africa	Caribbean, Central America, Latin America	Europe	Middle East
9	3	5	18	18	2

- 33% of central banks have a sustainability policy
- 29% of central banks issue a sustainability report
- 13% have carried out a Life Cycle Assessment

Procurement

Asia	CIS	Africa	Caribbean, Central America, Latin America	Europe	Middle East
9	3	5	18	18	2

- 17% of central banks include sustainability in any way in procurement
- 83% of central banks allow recirculation by commercial banks

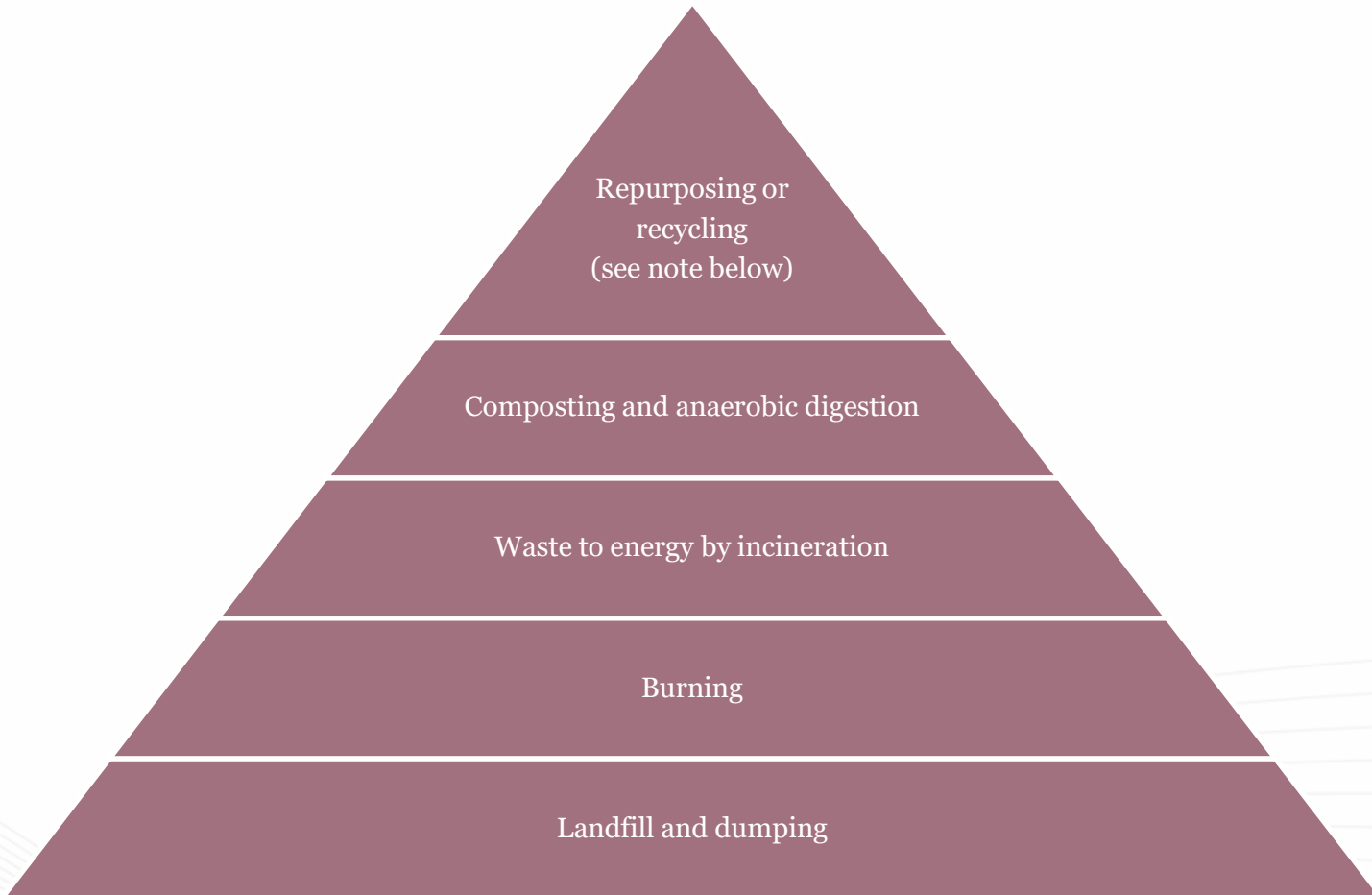
End of life disposal

Asia	CIS	Africa	Caribbean, Central America, Latin America	Europe	Middle East
9	3	5	18	18	2

- 44% of central banks send waste to landfill
- 41% of central banks incinerate their banknotes
- 15% of central banks do something other than landfill and incineration
- 40% are investigating doing something different from what they do today



Hierarchy of disposal options



How is waste disposed of?

- Volume
- National regulations
- Banknote specification
- Available infrastructure
- Waste management companies
- Bank's own expertise, resources and priorities



Landfill



Waste to energy by incineration



Composting



Technical material: the waste creates new material

- Egypt – making paper
- Steam autoclaving - ethanol, acetone or bio-butanol
- Turkey – asphalt
- Research – brick material
- Research – Portland cement concrete
- US – insulation, road surfaces
- Kusters - furniture



Exploring options: where to start

- Volume
- National regulations
- Banknote specification
- Available infrastructure
- Waste management companies and what they offer



Exploring options: where to turn

- Waste management companies
- Suppliers of destruction equipment
- Papermakers/printers
- Waste management companies
- Specialist consultancies, BioBanknote and others
- Universities and research institutes
- Other central banks



White paper: available on the conference app!

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What Goes Round, Comes Round

A Guide to Repurposing Unfit
Shredded Paper Banknotes

