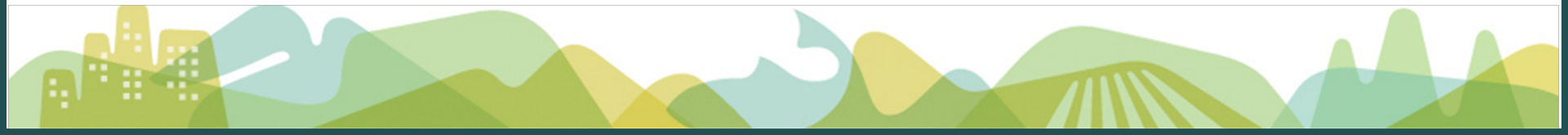




Sightline
INSTITUTE

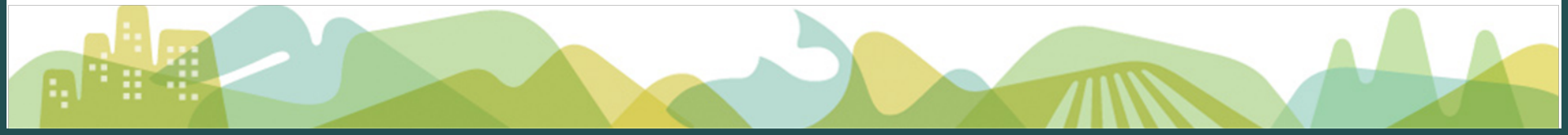
Hazardous Waste Planning Fee: Structure and Options

Alan Durning, September 2008



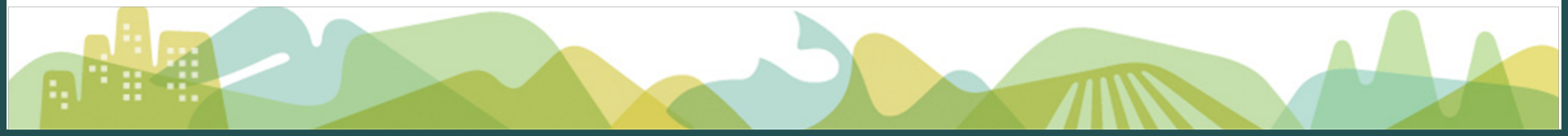
Outline

1. Context
2. Existing fee structure
3. Options for improving fee structure



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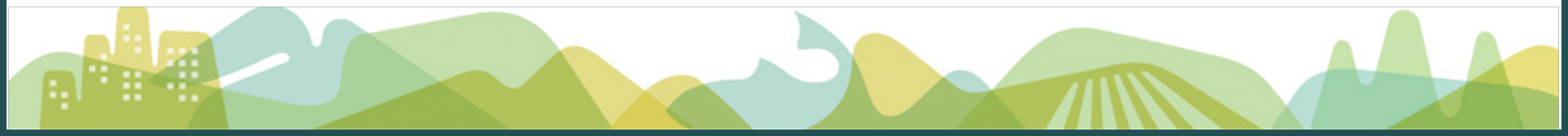


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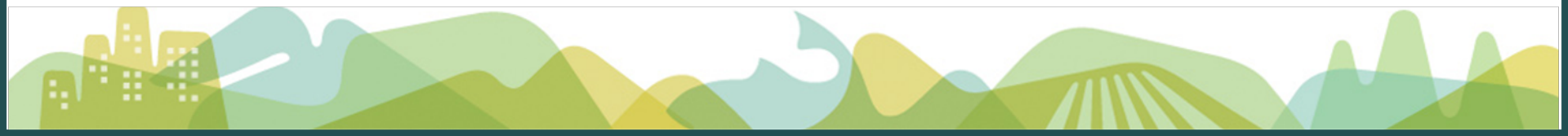
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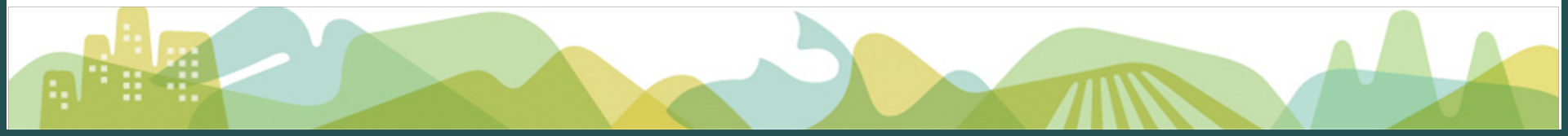
Charter

- “Make recommendations regarding the hazardous waste planning fee including incentives to reward businesses for successes in reaching a 50% toxics reduction use goal.”



Structure, not Revenue

- Current fee = \$1.7 million
- Full-funding for program = \$3.4 million
- Something more ambitious? \$5-15 million
 - Washington TURI?
 - Expanded technical assistance?
 - Partnerships with local agencies?
 - Other program enhancements?



Ideal Pollution Tax

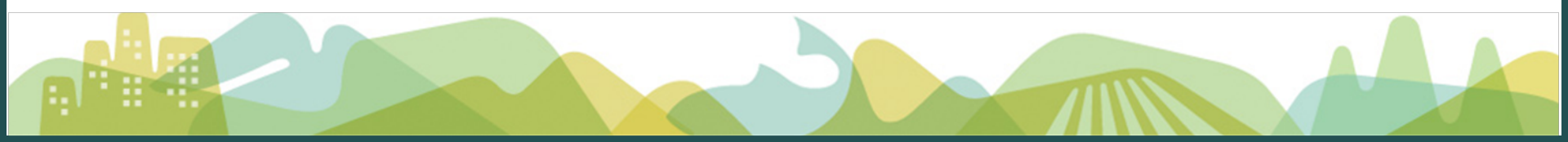
Tax = Quantity

x rate

x toxicity factor

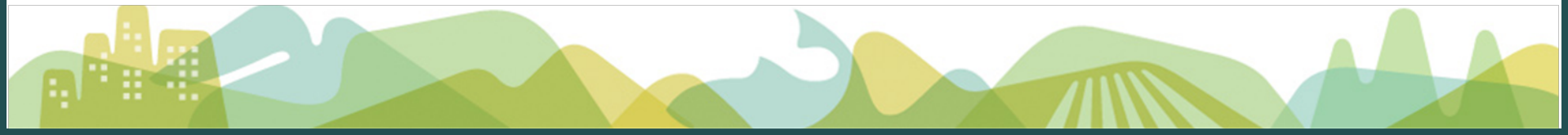
x stewardship factor

x uncertainty factor

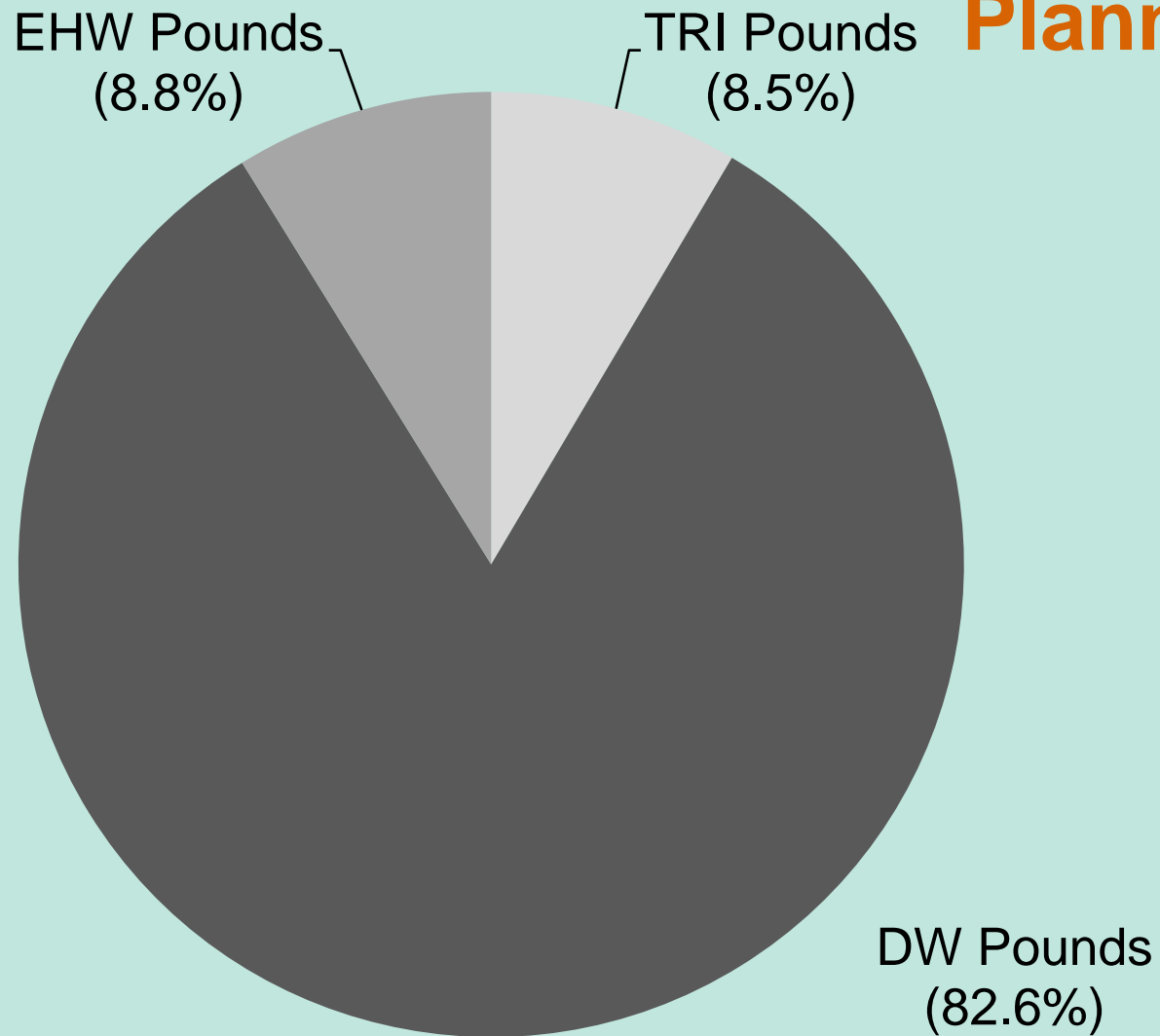


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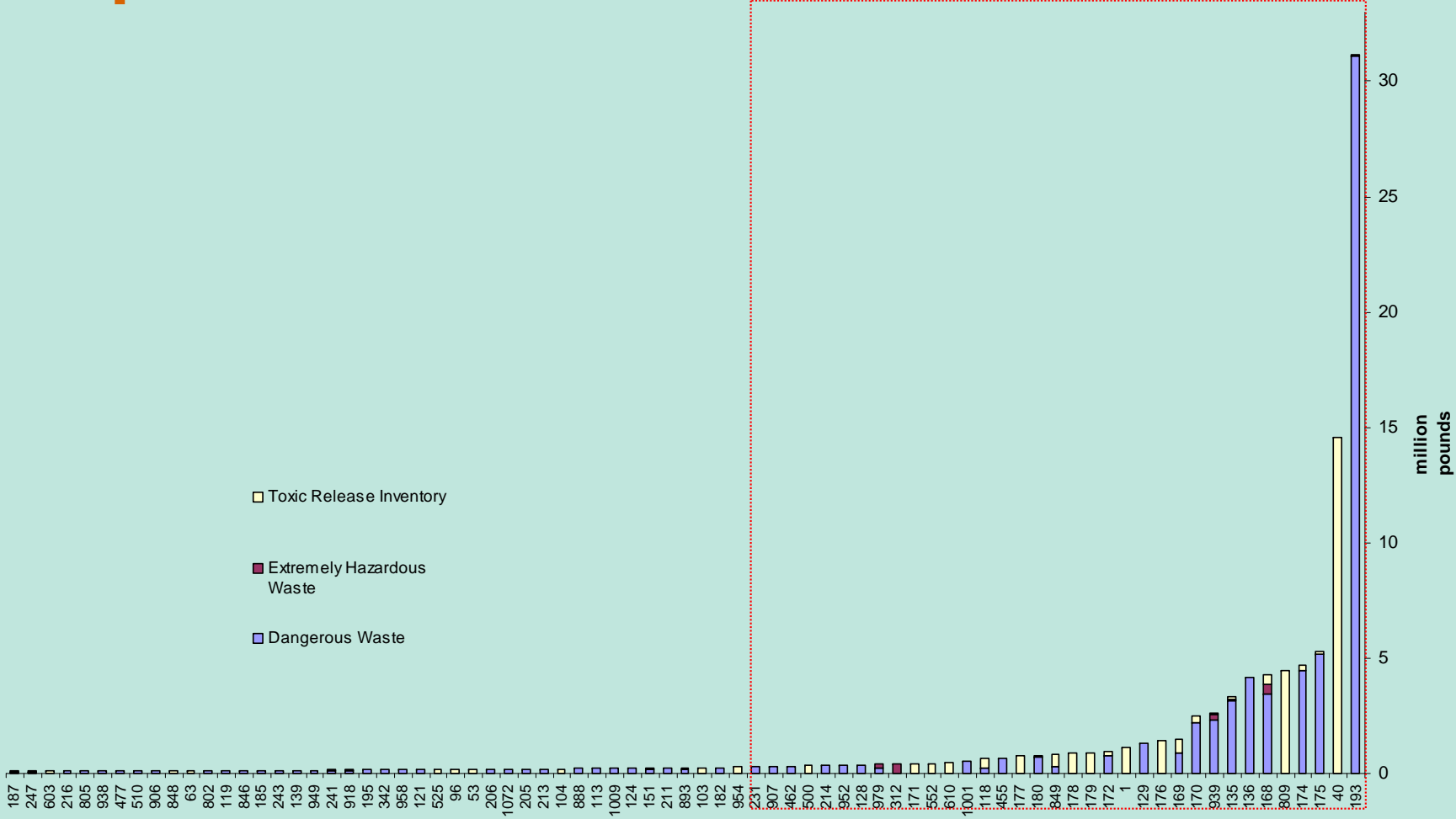


Dangerous Waste For Fees and Planning



Source: WA Dept of Ecology

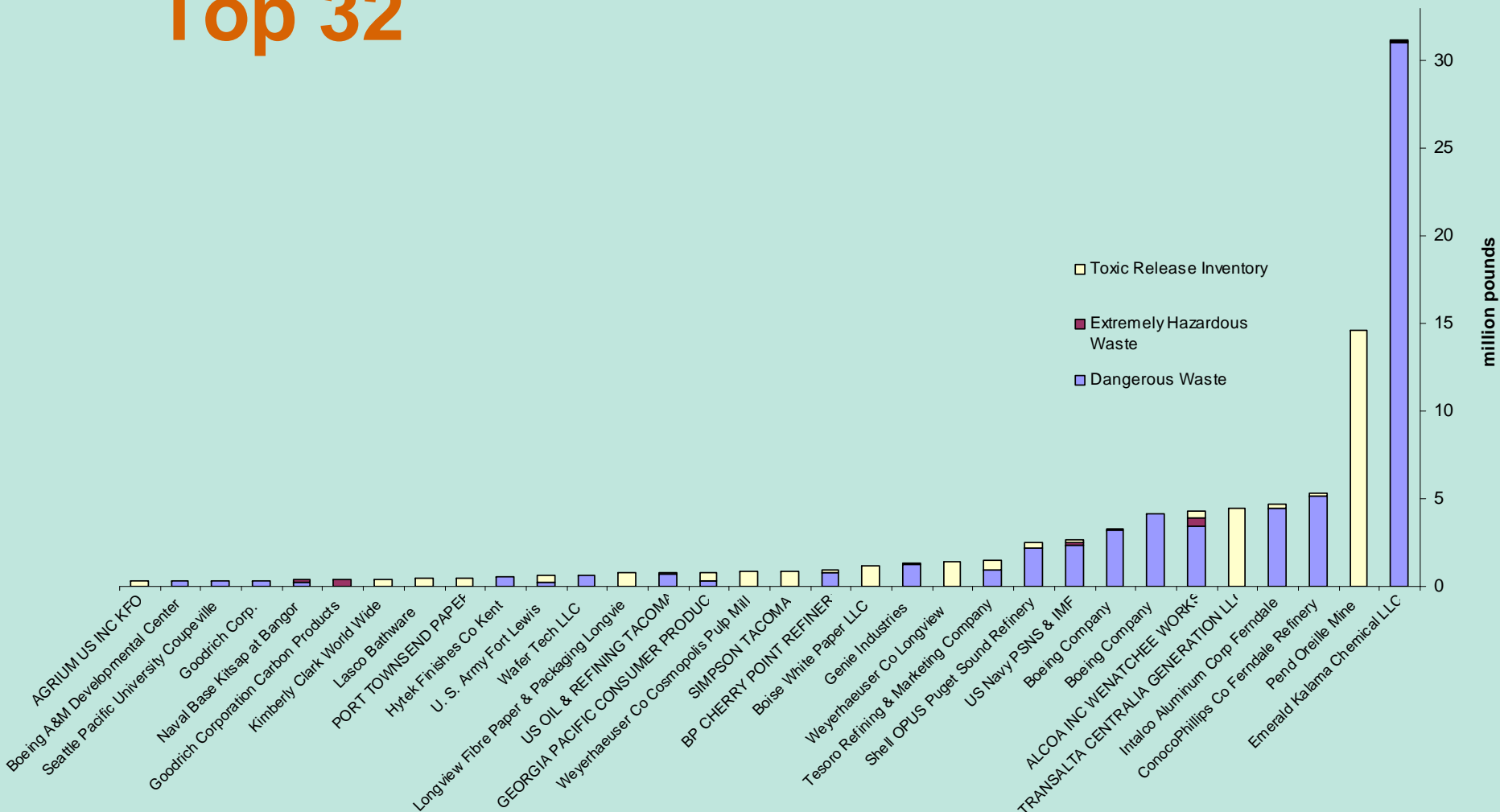
Top 77



Hazardous Waste Generators in Washington

Source: WA Dept of Ecology

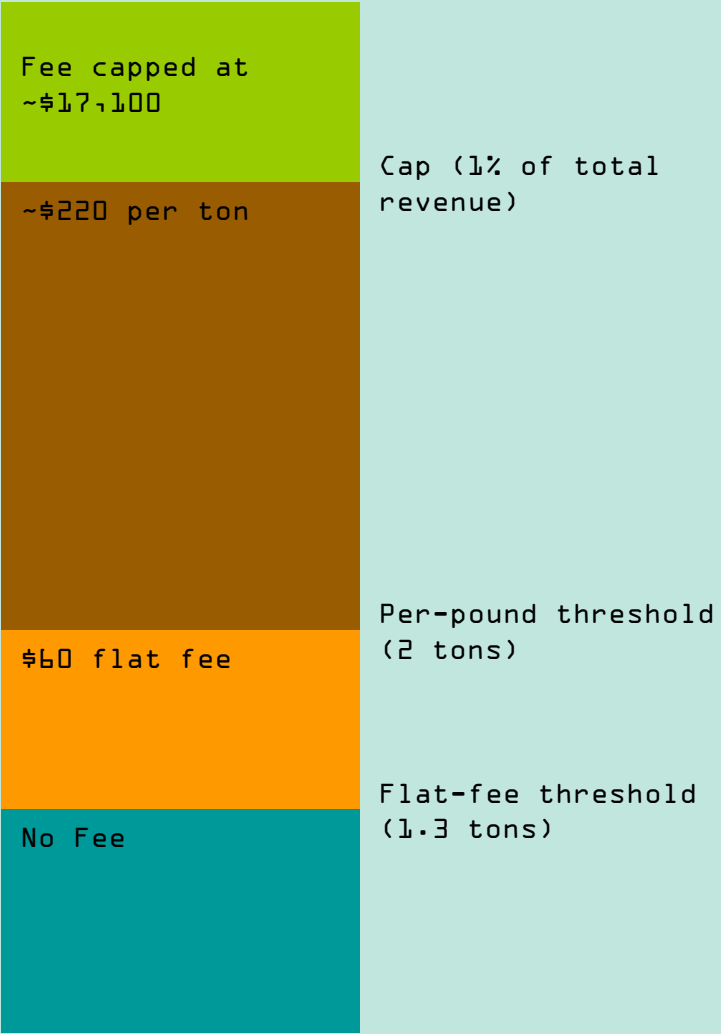
Top 32



Hazardous Waste Generators in Washington

Source: WA Dept of Ecology

Fee Structure



Fee Structure

51 facilities;
92% of waste

Fee capped at
~\$17,100

Cap (1% of total revenue)

266 facilities;
8% of waste

~\$220 per ton

Per-pound threshold
(2 tons)

60 facilities;
<1 % of waste

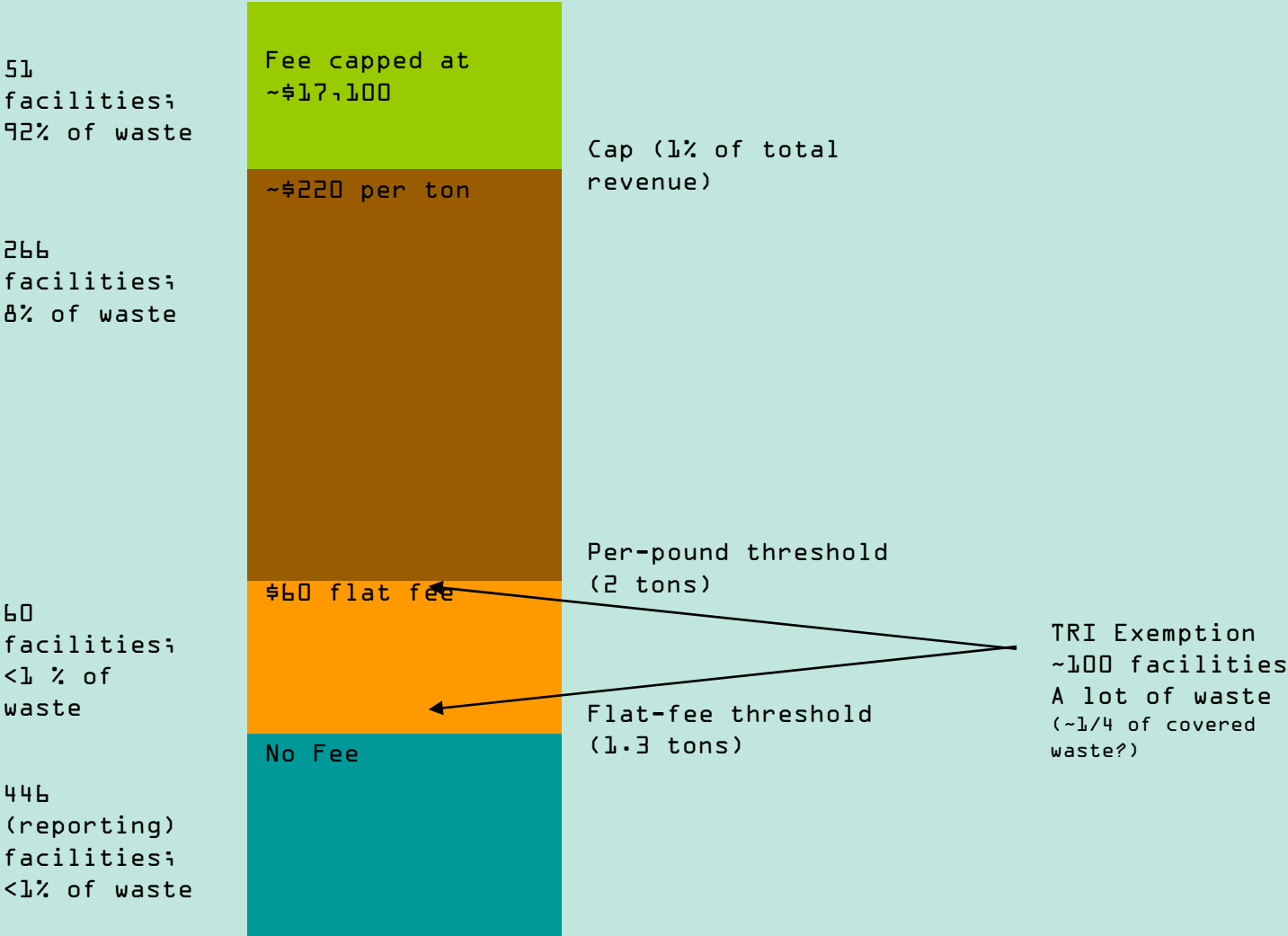
\$60 flat fee

Flat-fee threshold
(1.3 tons)

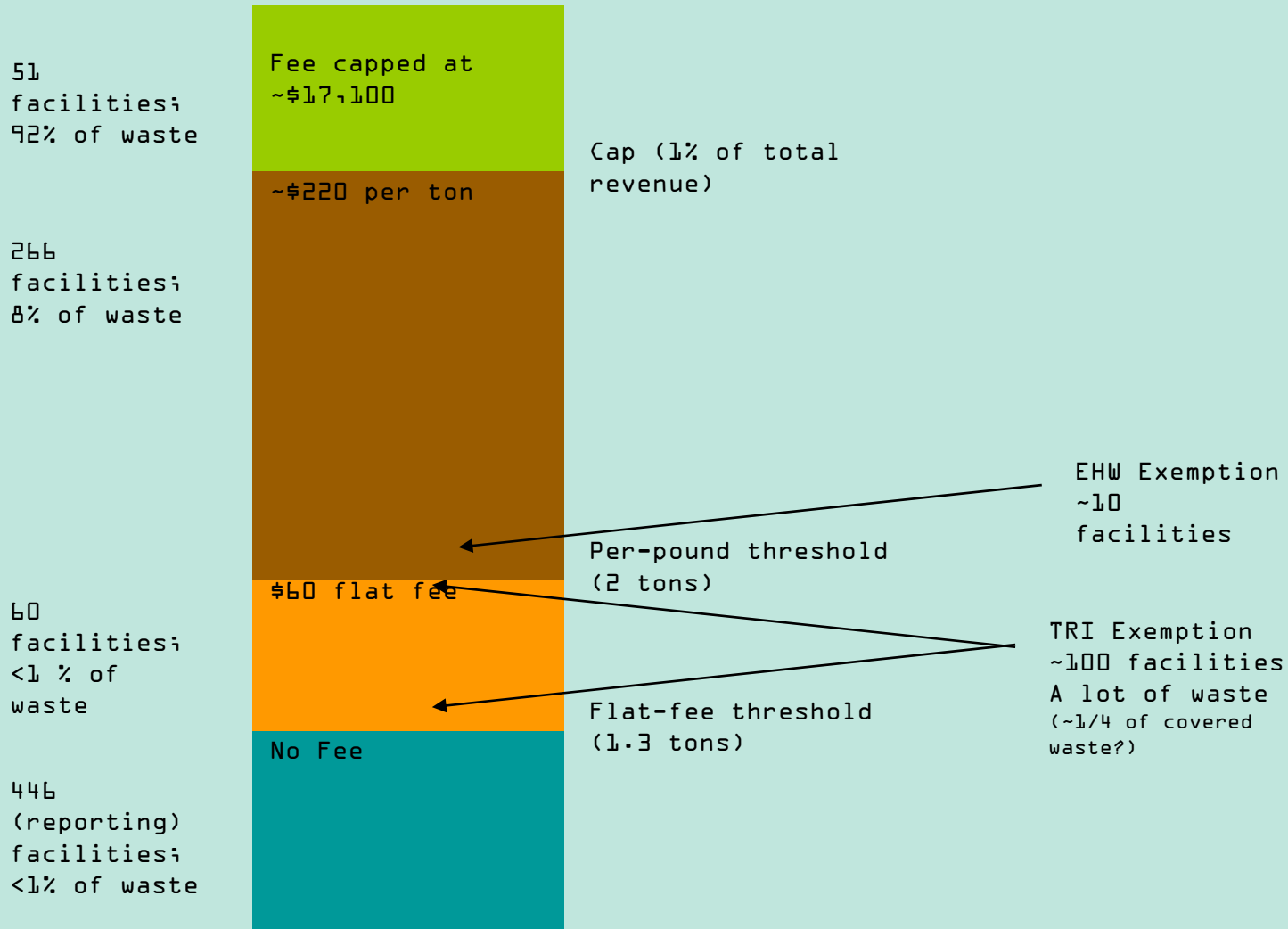
446 (reporting) facilities;
<1% of waste

No Fee

Fee Structure

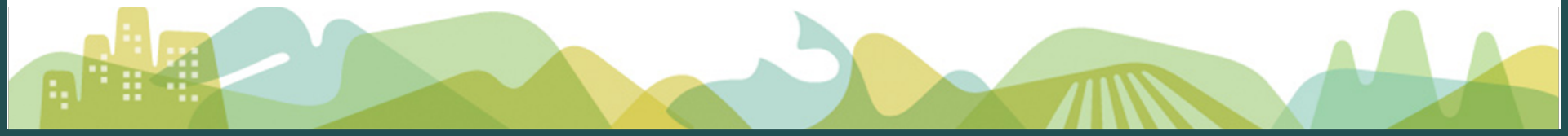


Fee Structure



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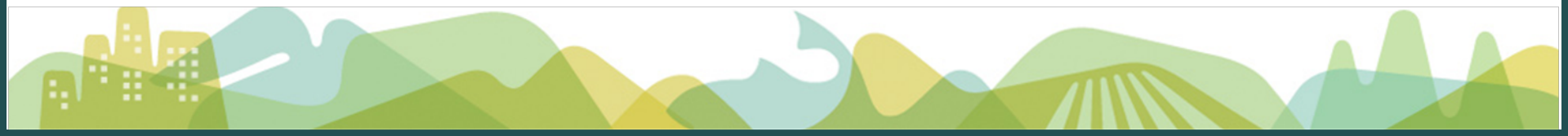


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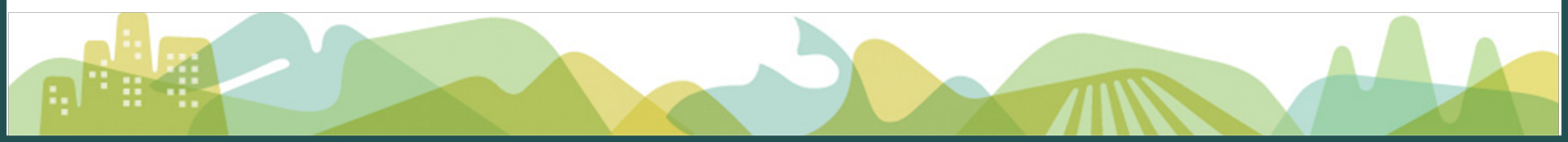
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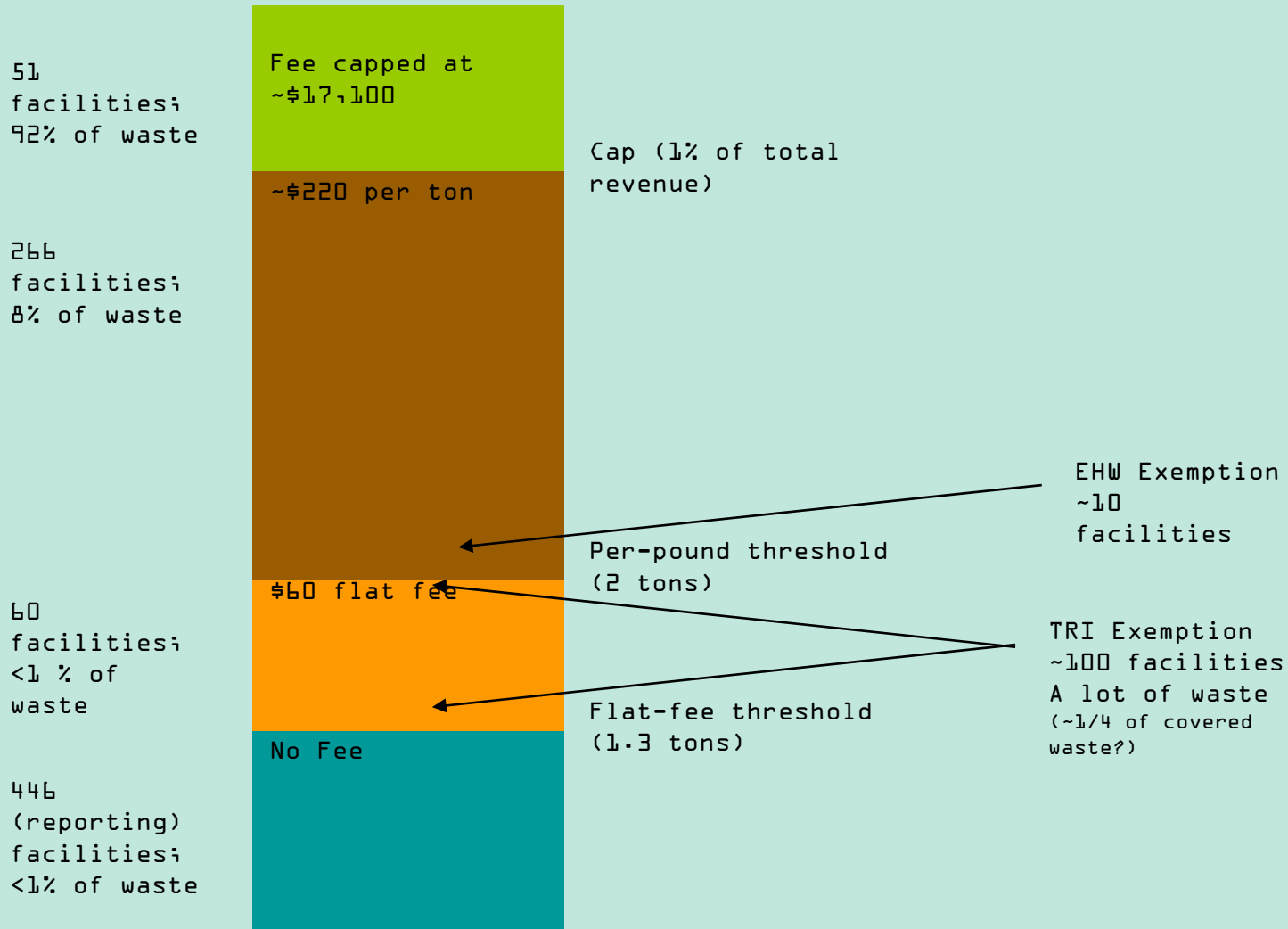


Four Incremental Steps

1. End TRI exemptions
2. End EHW exemption
3. Remove fee cap
4. End flat fee



Fee Structure



Improved Fee Structure

377
facilities;
99% of waste

\$29 per
ton

No Fee

446
(reporting)
facilities;
<1% of waste

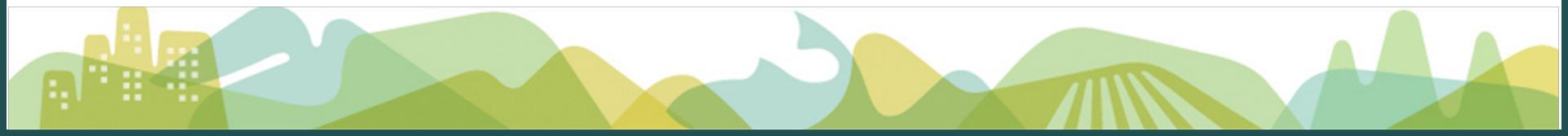
Threshold (1.3
tons)

Four Options: Case Studies

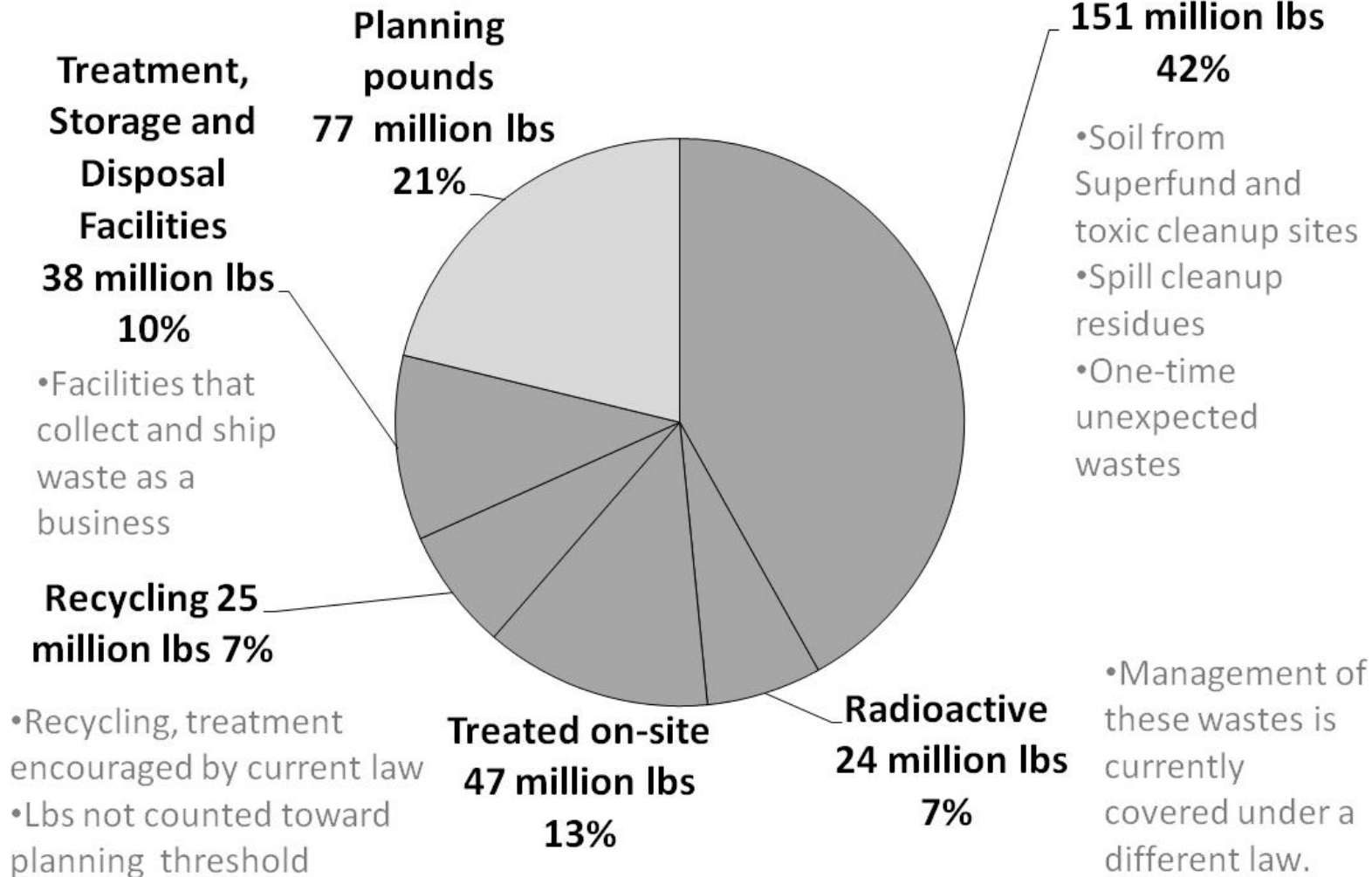
Sample Business	Business as usual	End TRI exemptions	+ End EHW exemption (fee, dollars)	+ End fee cap	+ End flat fee
Pend Oreille Mine	-	17,100	17,100	208,712	208,712
Skills, Inc.	16,970	10,861	10,766	1,941	1,941
Energy NW Columbia Gen. Station	60	60	631	114	114
Emerald Kalama Chemical	17,100	17,100	17,100	447,517	447,517
Puget Sound Institute of Pathology	60	60	60	60	20

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Total Dangerous Waste Reported in Washington in 2005



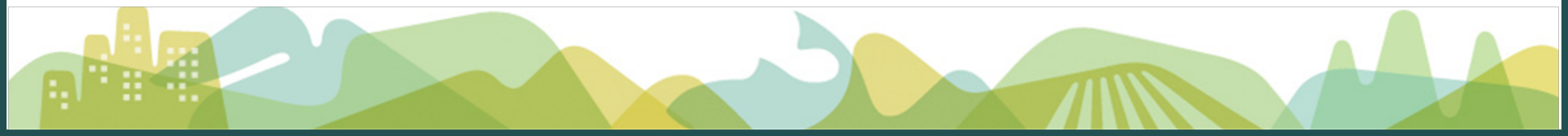
Source: Tom Boucher, Dept. of Ecology

A fee on use, rather than waste

I. Different information; different facilities

II. Incremental steps:

1. A “starter” use fee: TRI “storage” category as proxy. Apply separate rate to storage than to waste.
2. A toxics census? comprehensive snapshot of toxic materials in state. Use it for a subsequent policy review and revisions, to help prioritize toxics reductions and, if possible, to design a use-based fee.
Could be Ecology, a “Washington TURI,” or an independent or university organization.
3. Follow-on panel? or a policy design assessment?
Goals: clearly identify requirements for facilities and for government of converting waste-based fee to use-based fee.



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