

Post-Closure Care Period for Hazardous Waste Sites

**Concepts Suggested
by Waste
Management**



Existing Regulatory Language

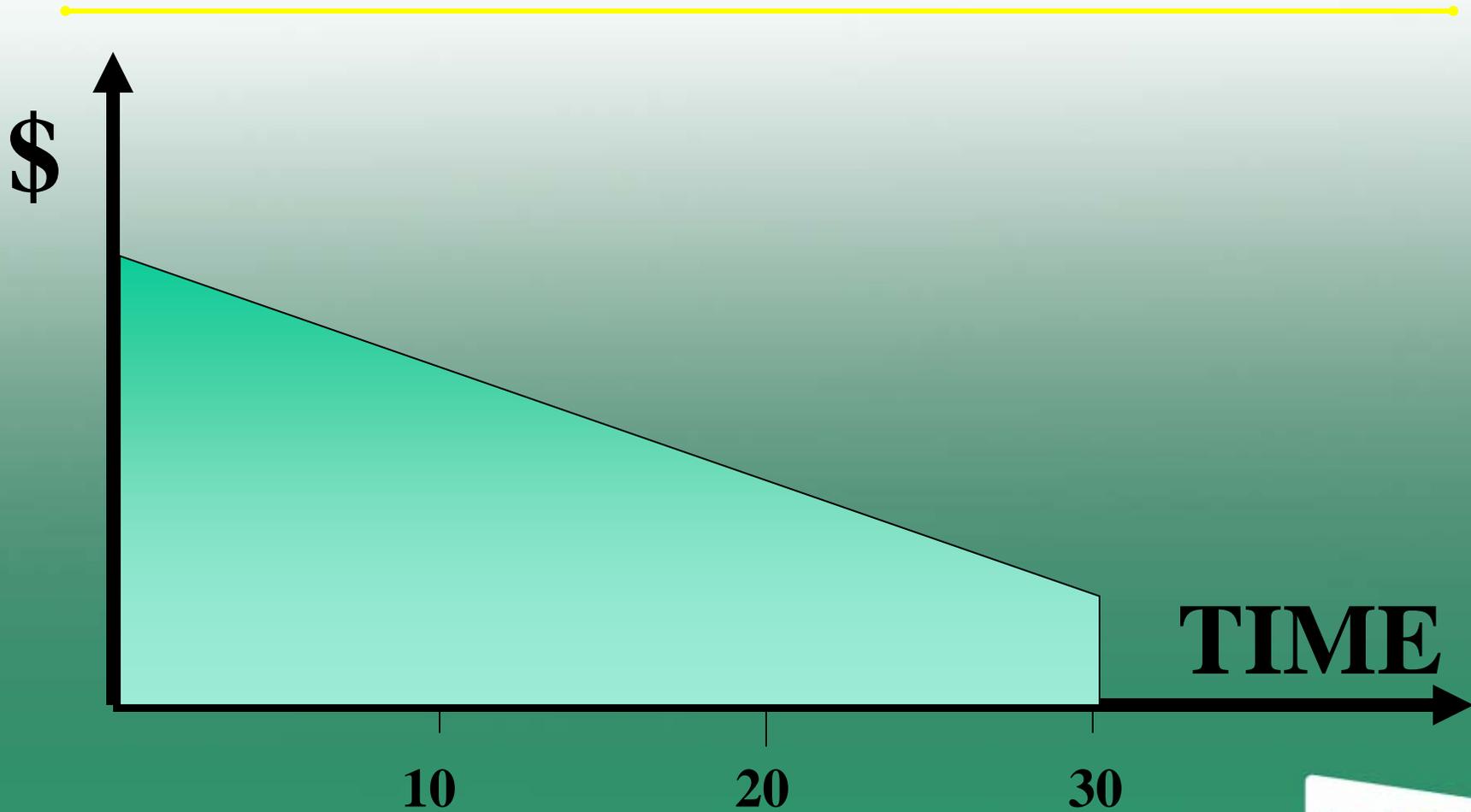
22 CCR 66264.117

(b)(1) Post-closure care of each hazardous waste management unit . . . shall begin after the completion of closure of the unit, and except as provided in subsections (b)(2)(A) and (b)(2)(B), continue for 30 years after that date . . .

(b)(2)(B) extend the post-closure care period applicable to the hazardous waste management unit for facility if the Department finds that the extended period is necessary to protect human health and the environment (e.g., . . . potential for migration of hazardous waste at levels which may be harmful to human health or the environment).

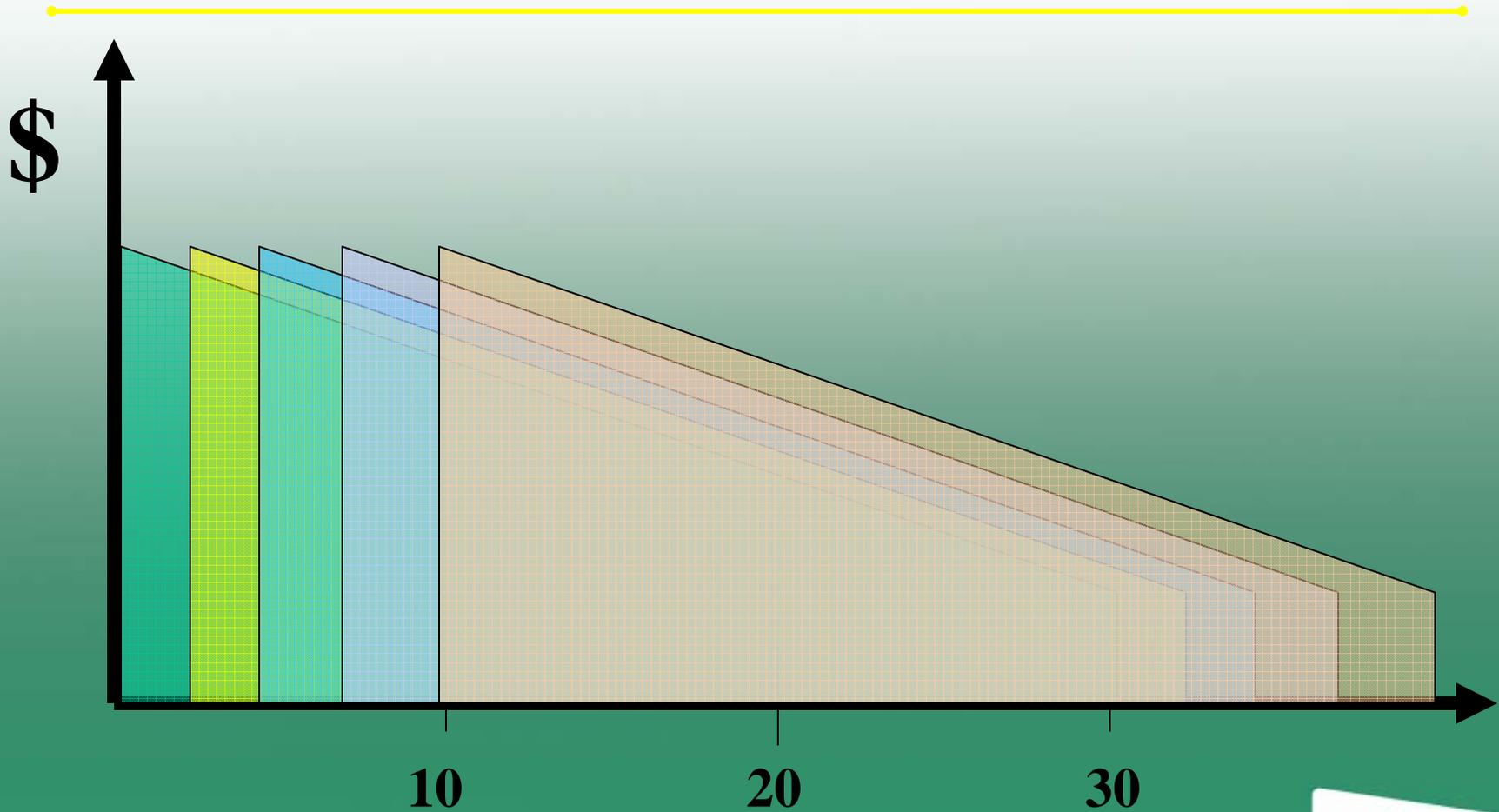


Fixed Post-Closure Care Period



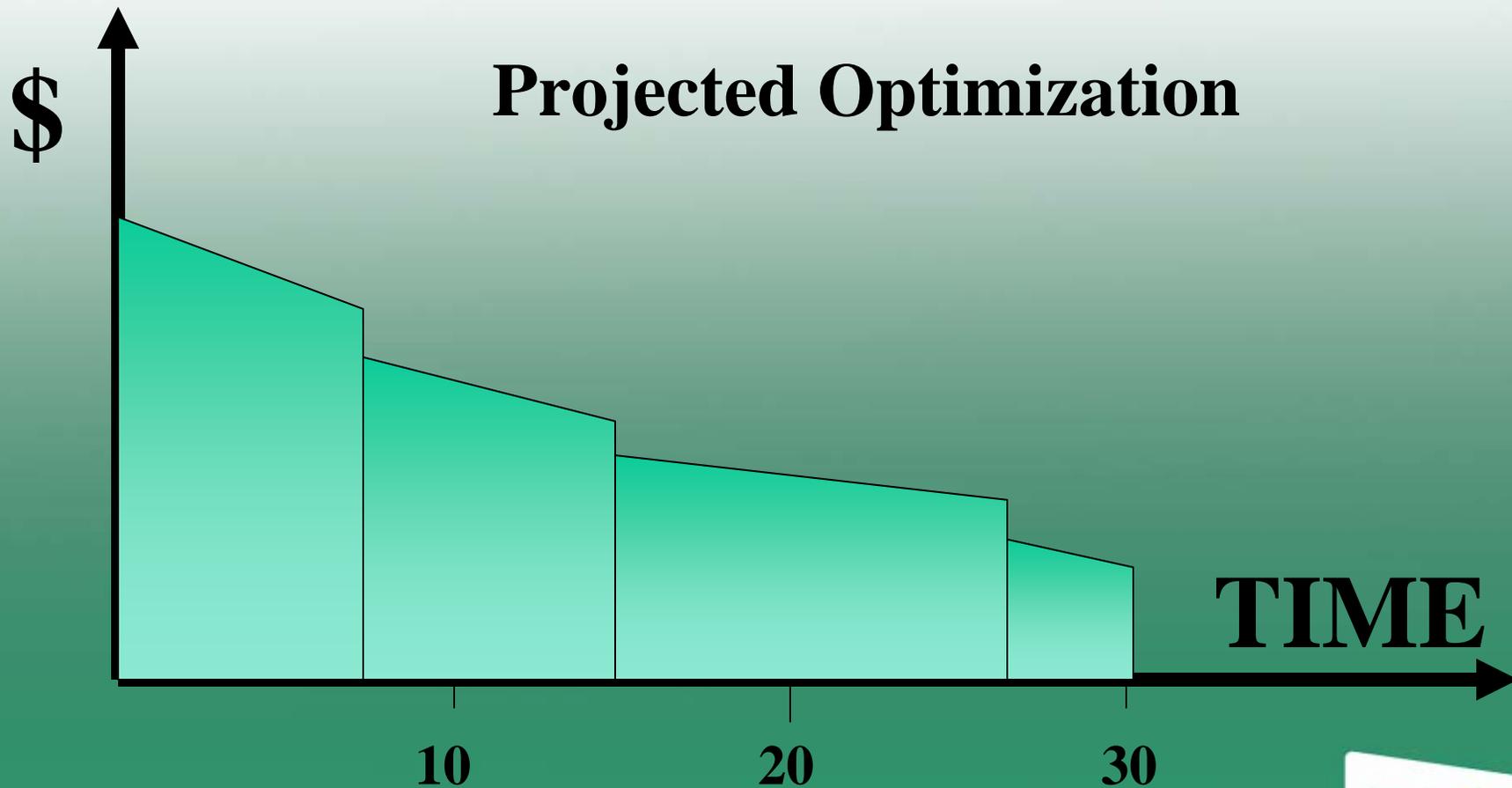
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Rolling Post-Closure Care Period



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

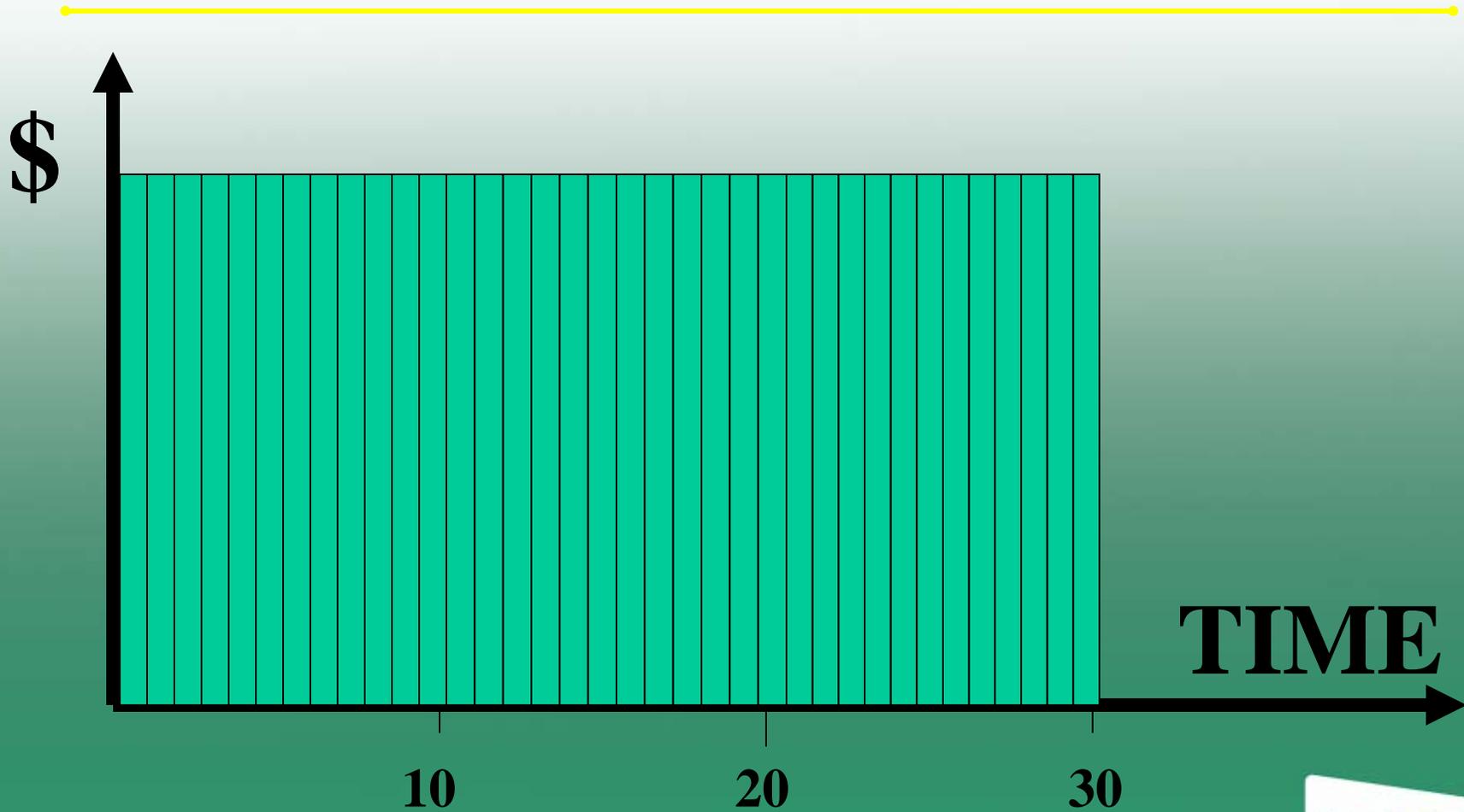
PCC Activity Optimization



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

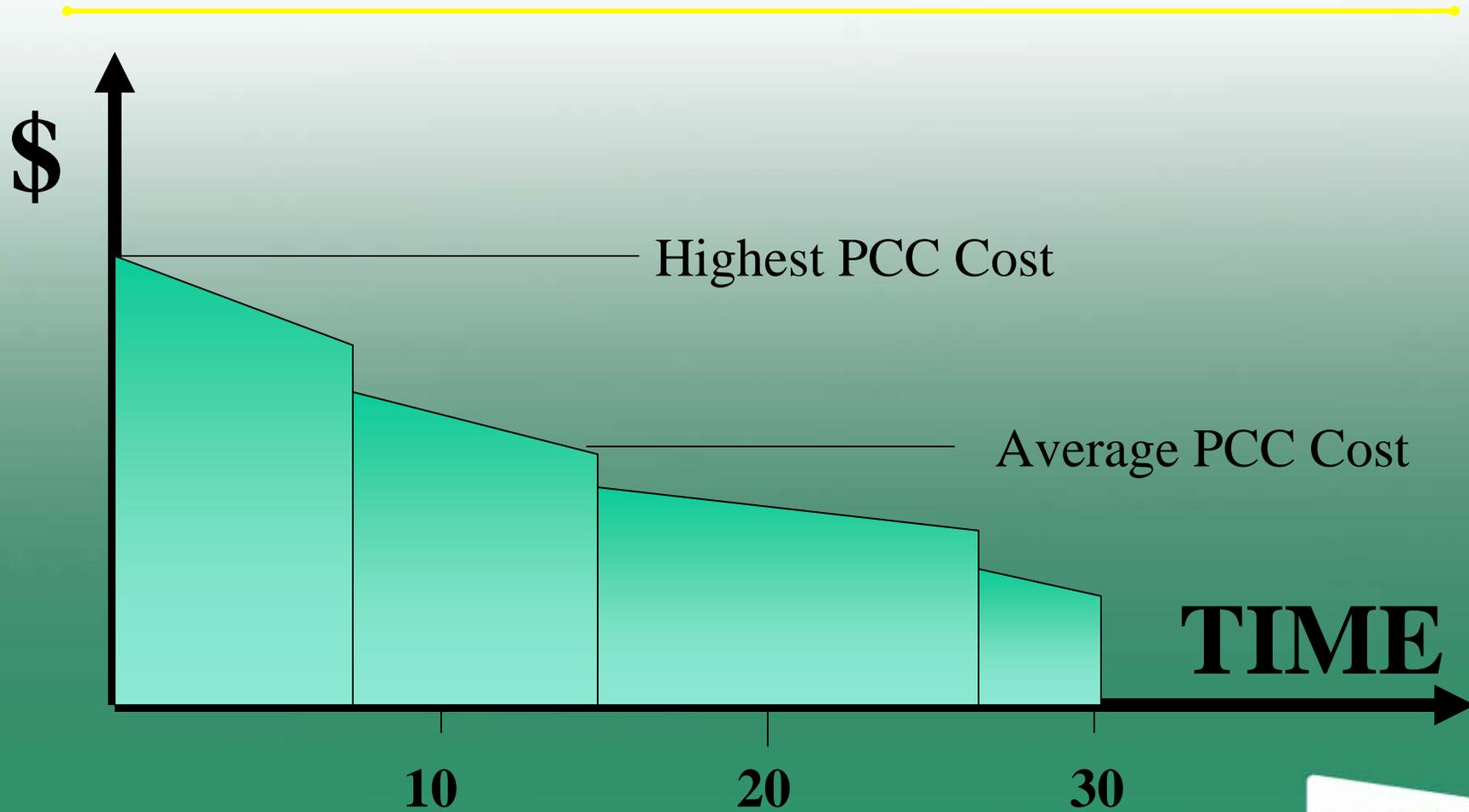


PCC Cost Estimate x 30 years



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

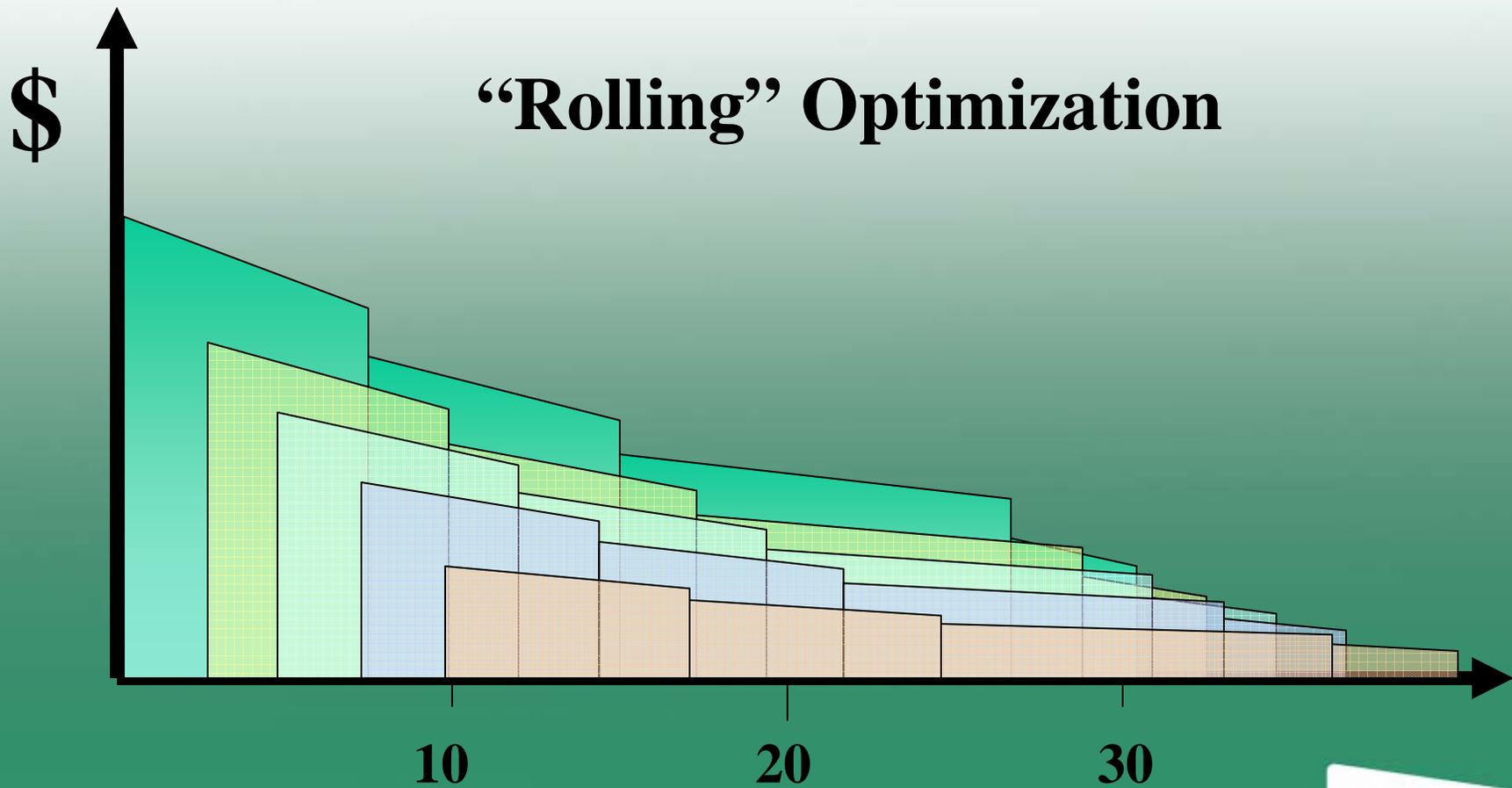
Realistic PCC Costs



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

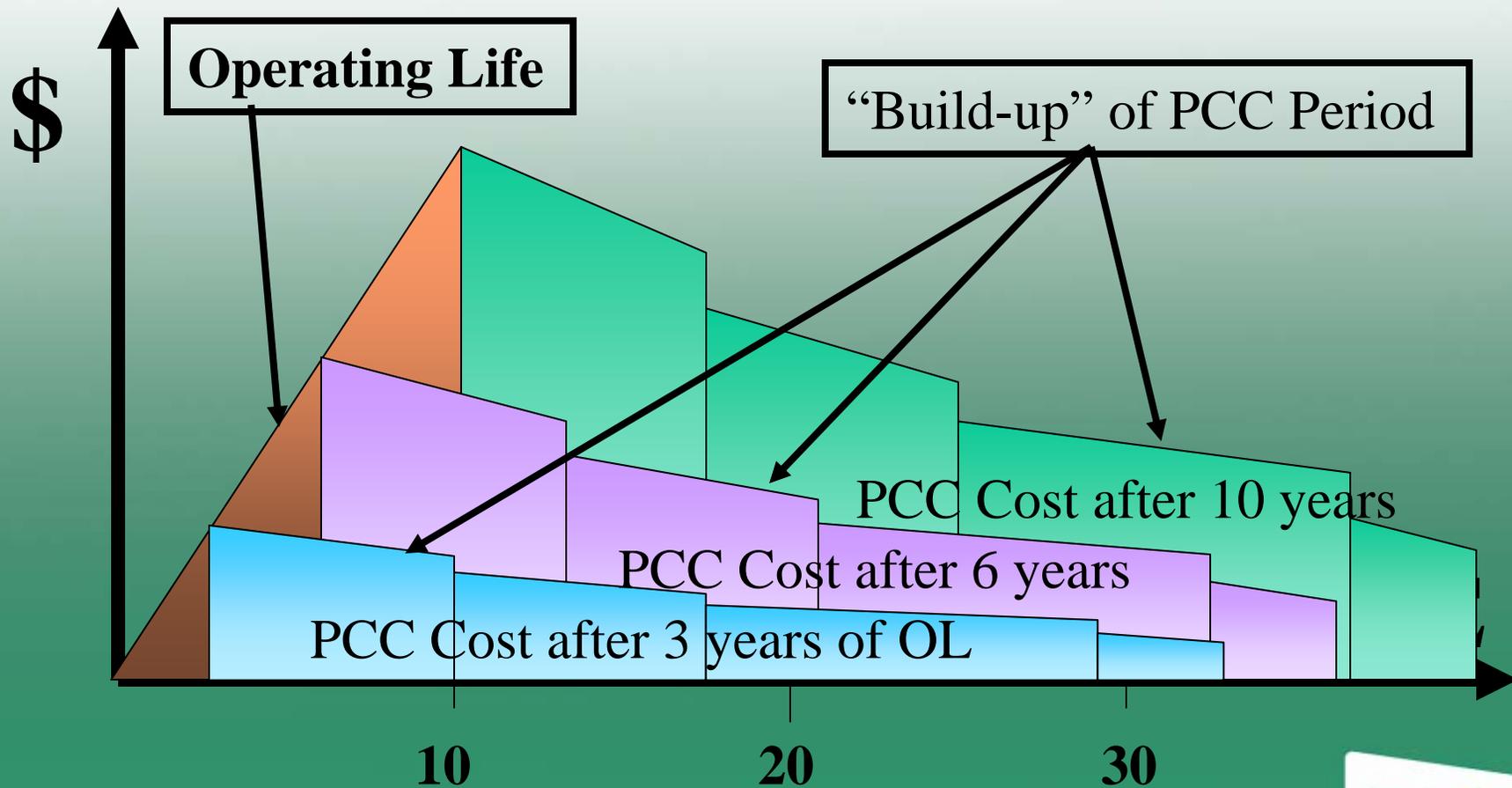


PCC Activity Optimization



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

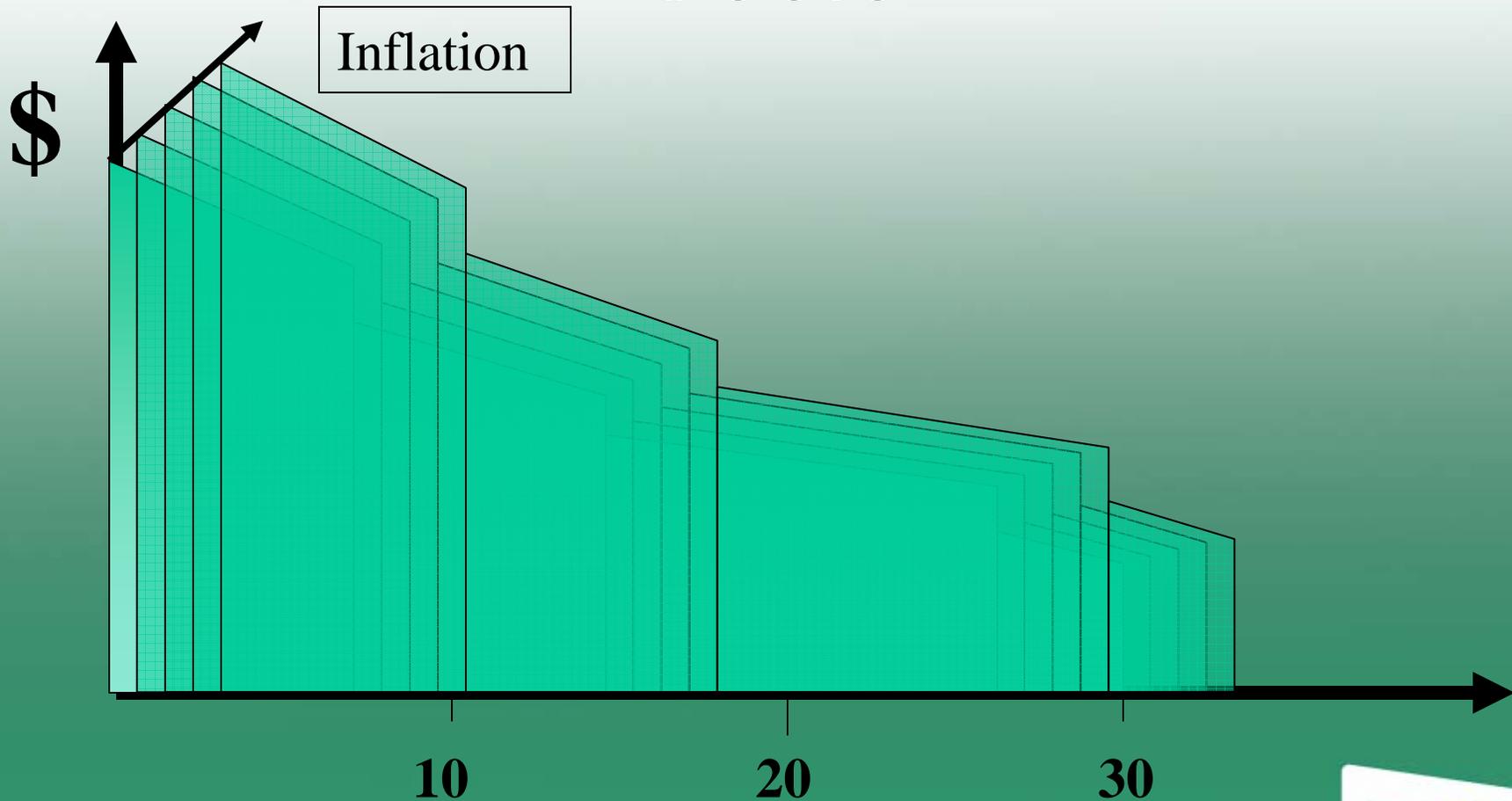
Allowance for “Buildup” During Operating Life



From everyday collection to environmental protection, Think Green.SM Think Waste Management.



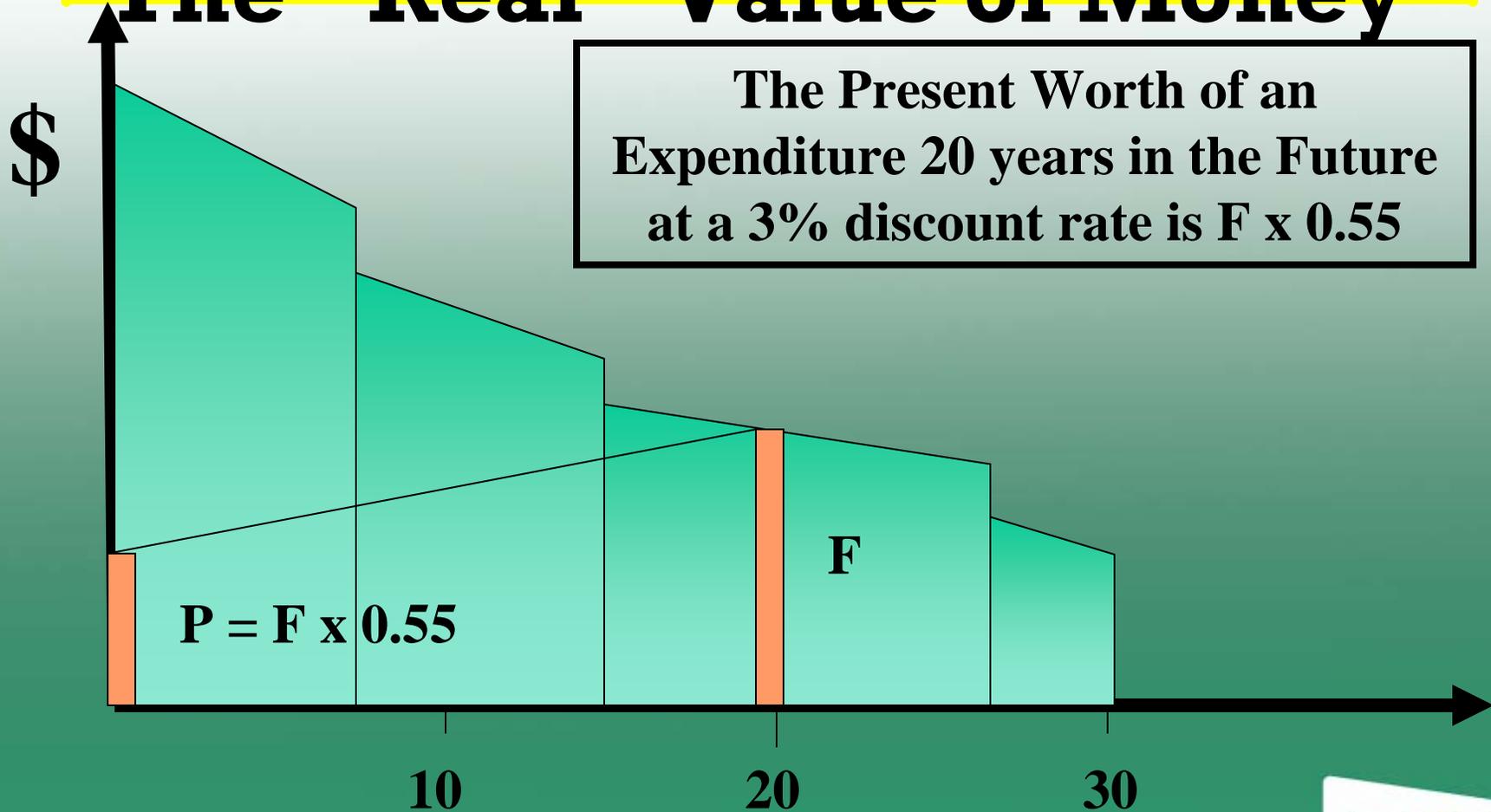
Existing Regulations Annual Inflation of PCC Costs



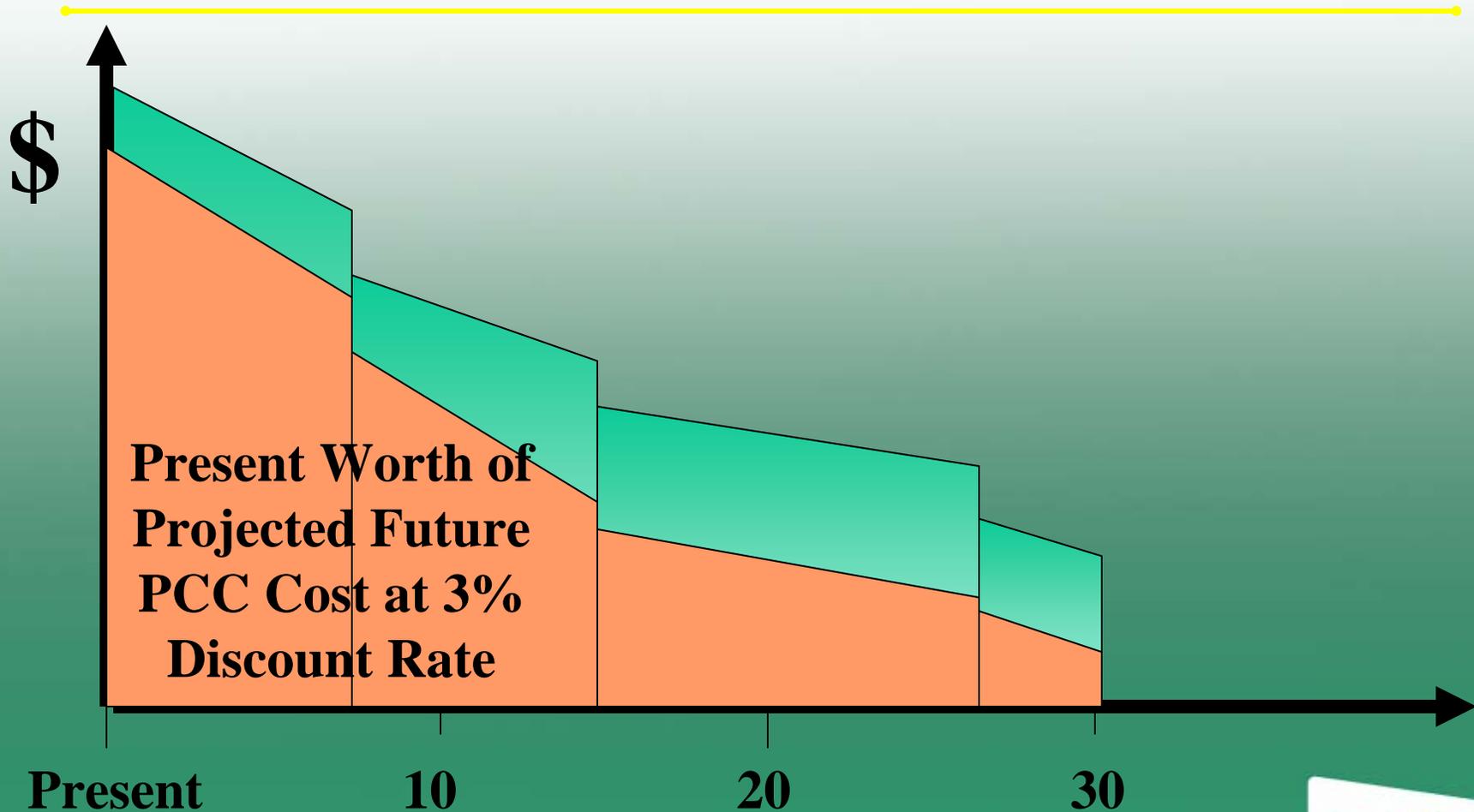
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

PCC Cost Estimate Discounting

The “Real” Value of Money



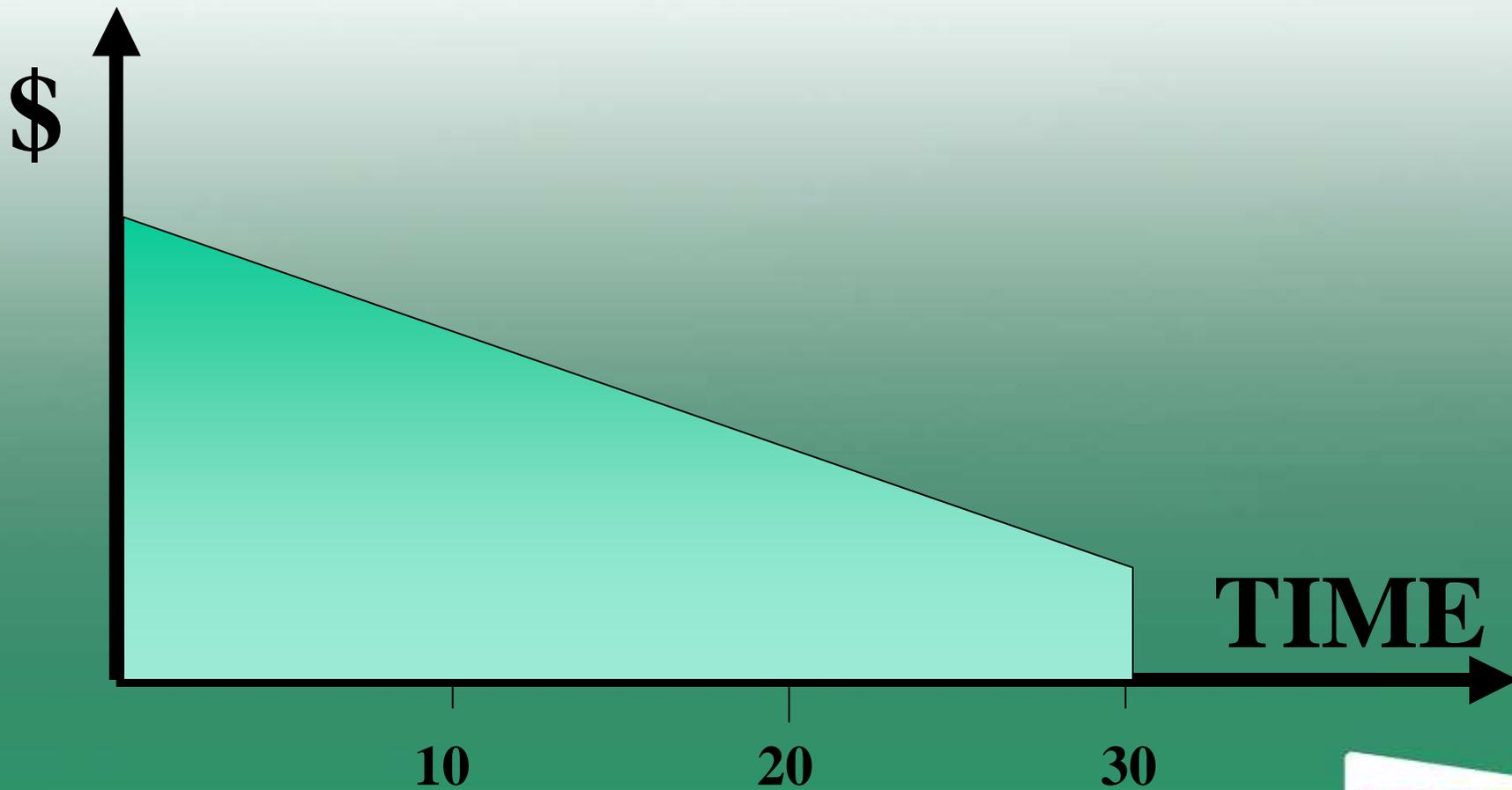
Present Worth Cost of PCC at a 3% Discount Rate



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

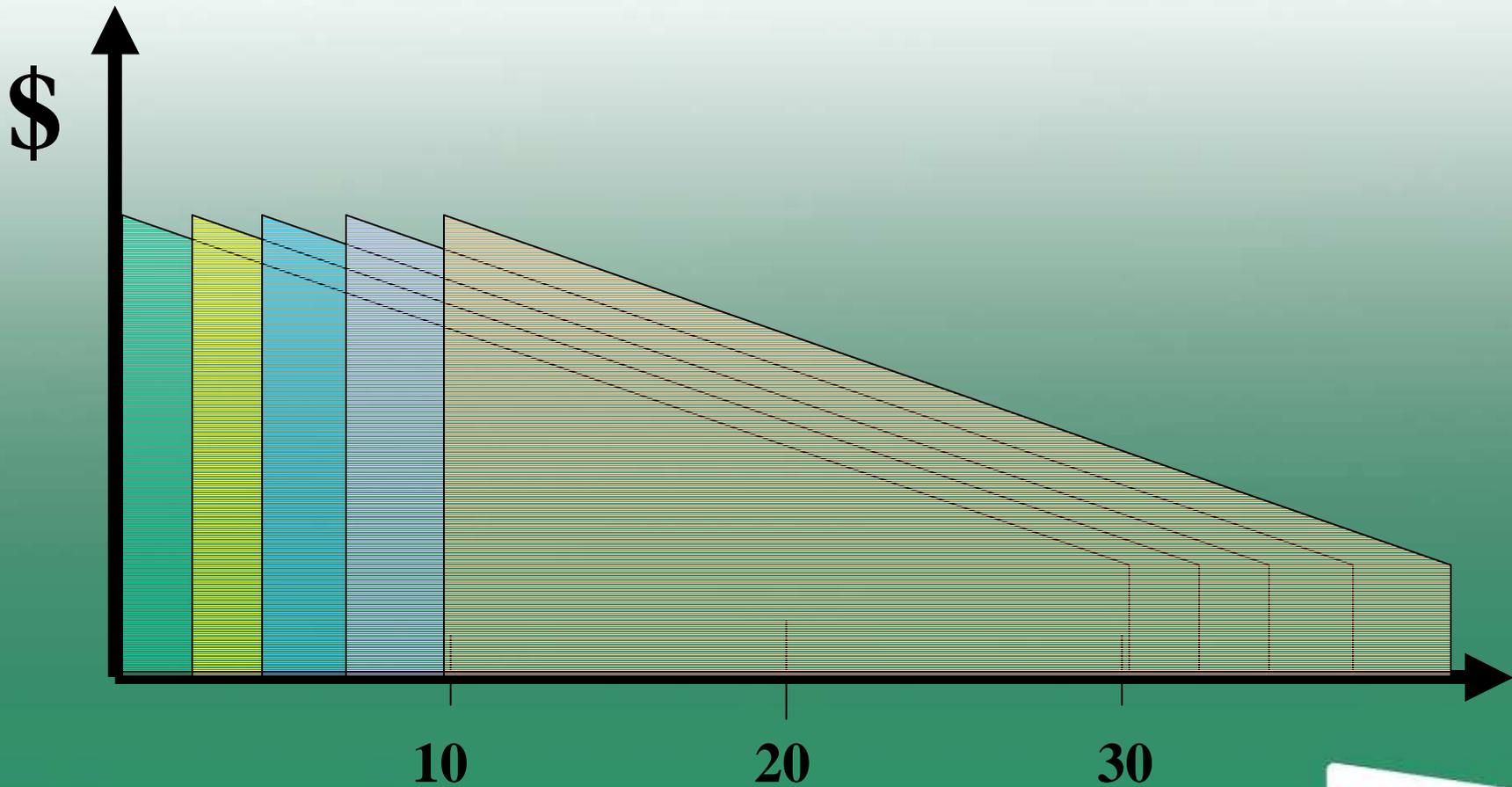
Figure 1

Fixed Post-Closure Care Period



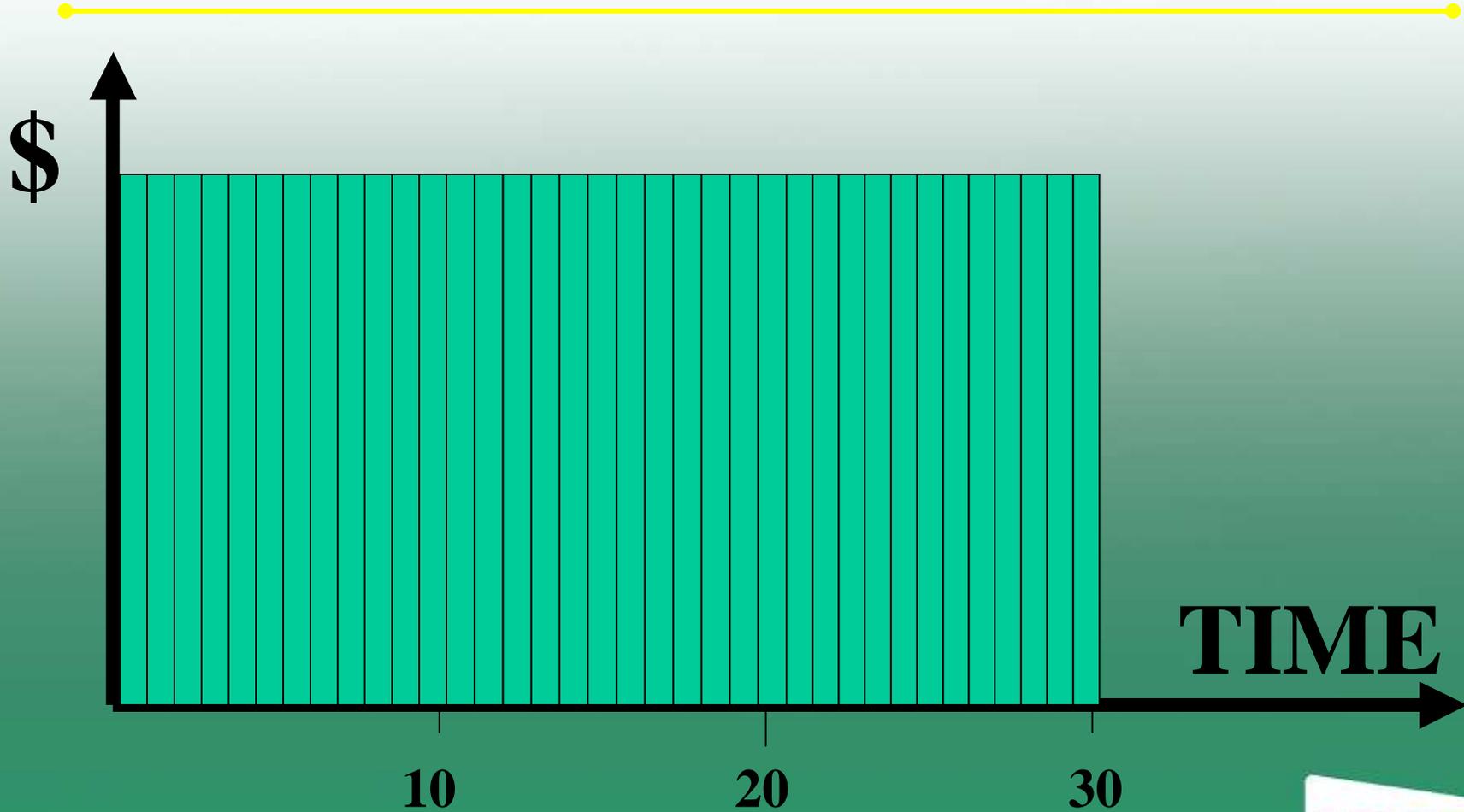
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Figure 2: Rolling Post-Closure Care Period



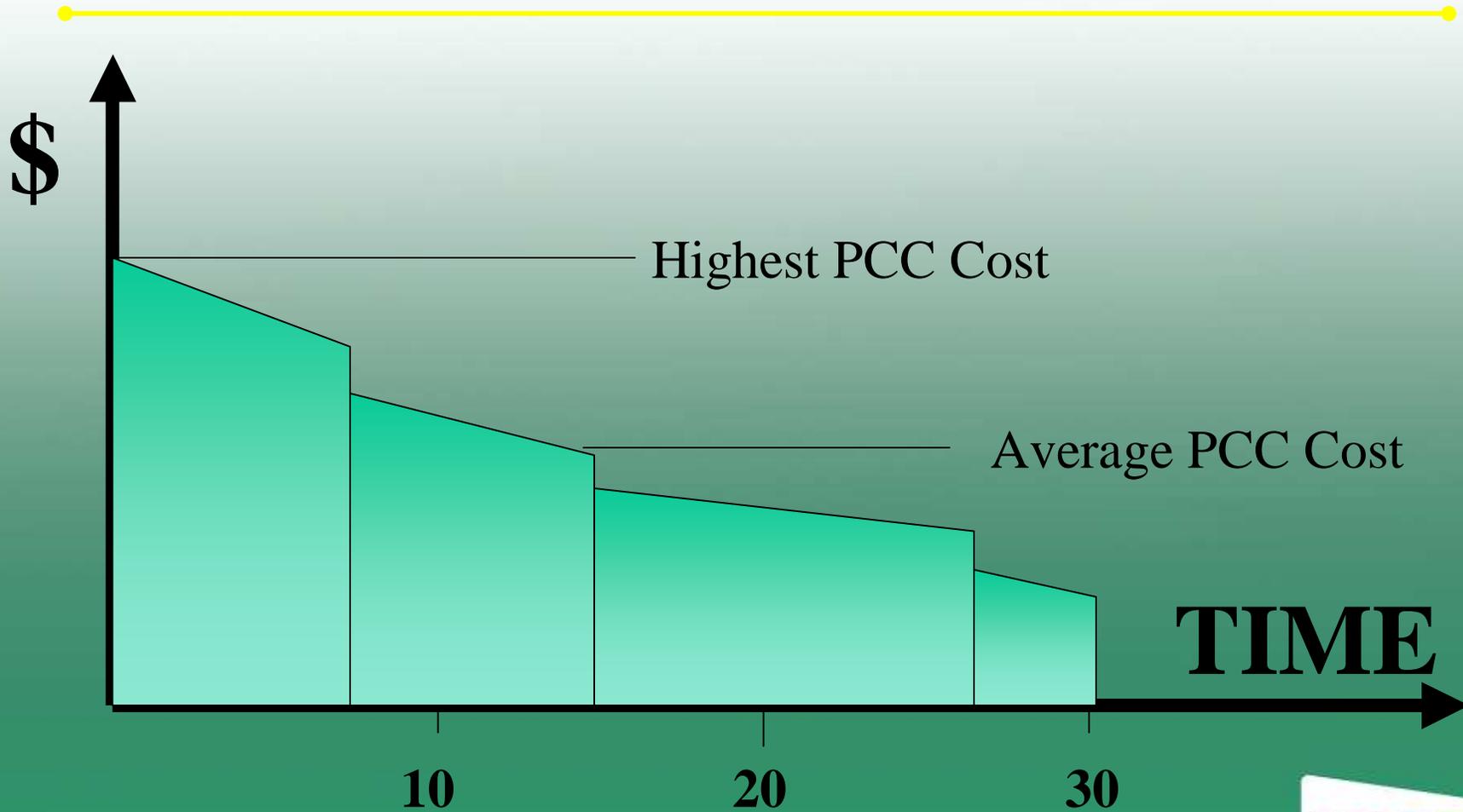
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Figure 3: PCC Cost Estimate x 30 years



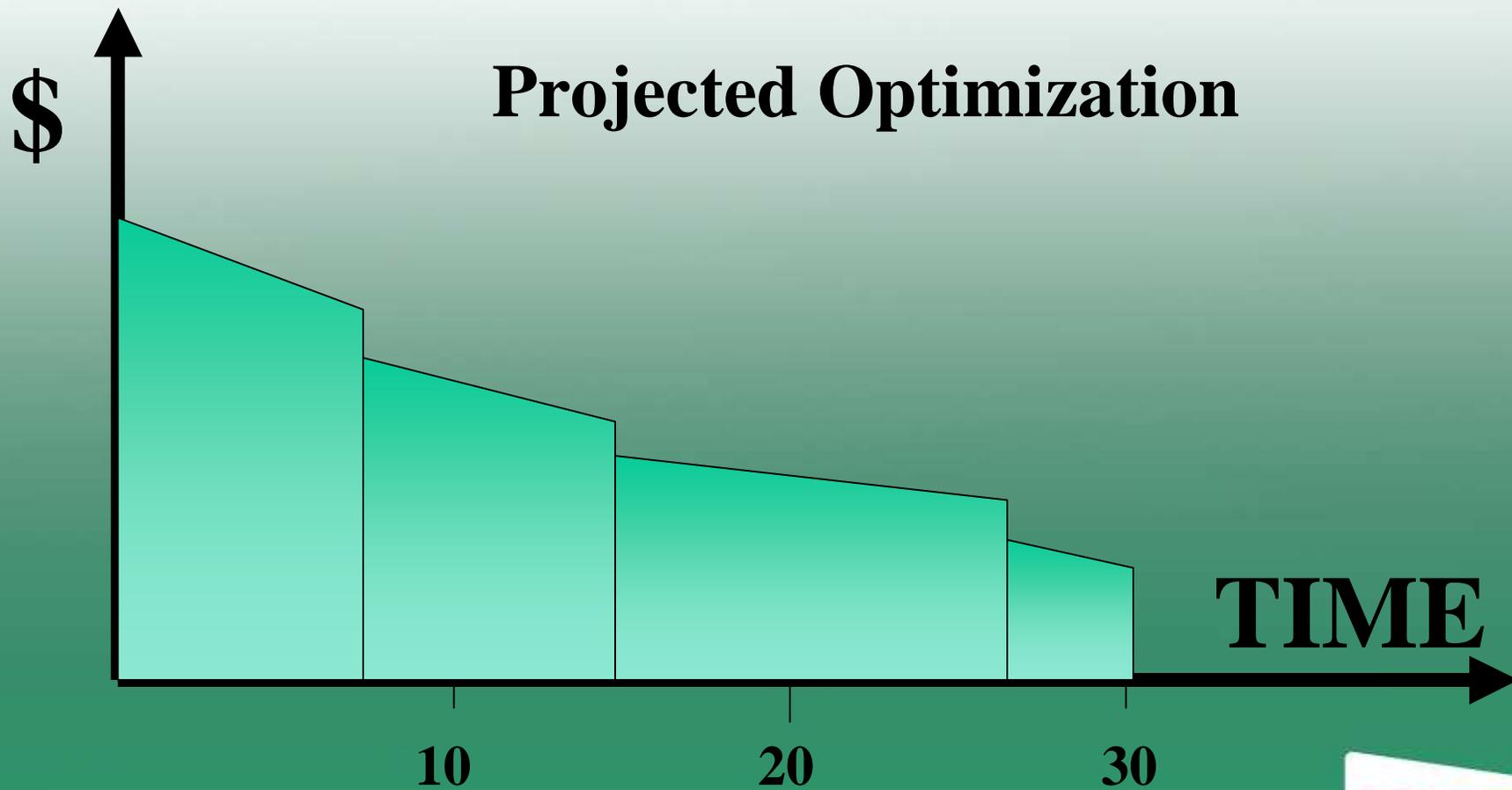
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Figure 4: Realistic PCC Costs



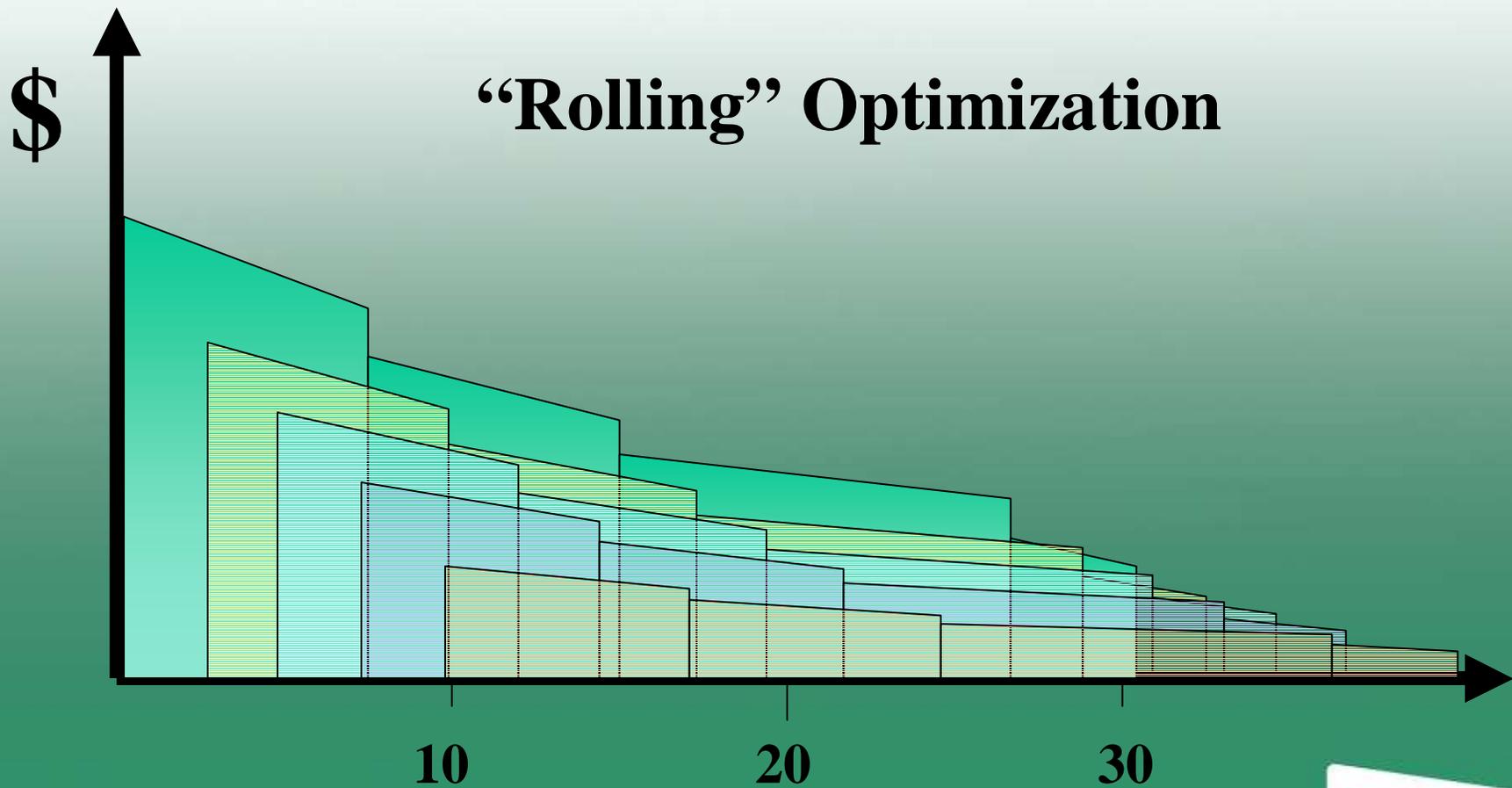
From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Figure 5: PCC Activity Optimization



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Figure 6: PCC Activity Optimization



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Figure 7: Allowance for Operating Life “Buildup”

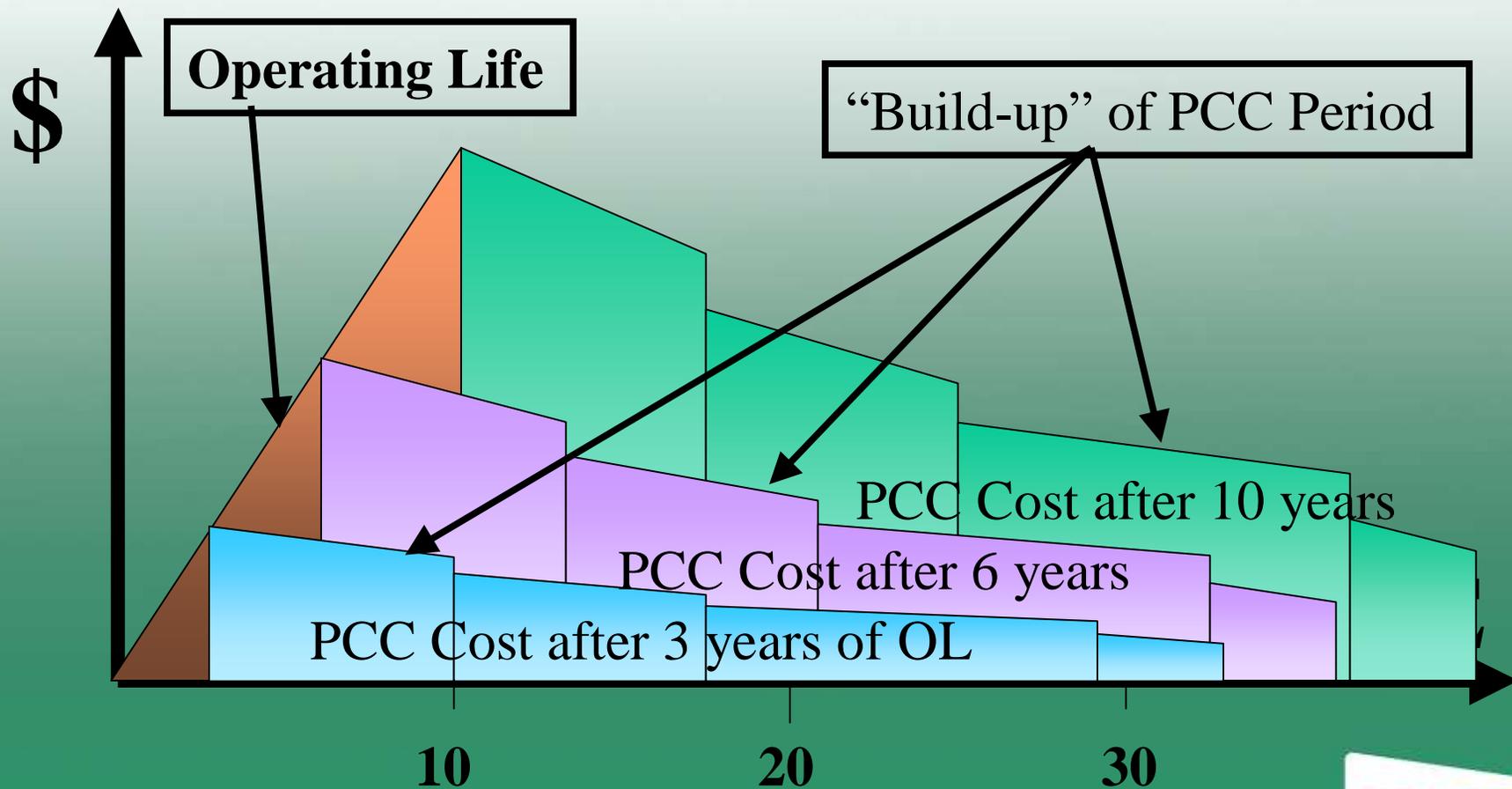
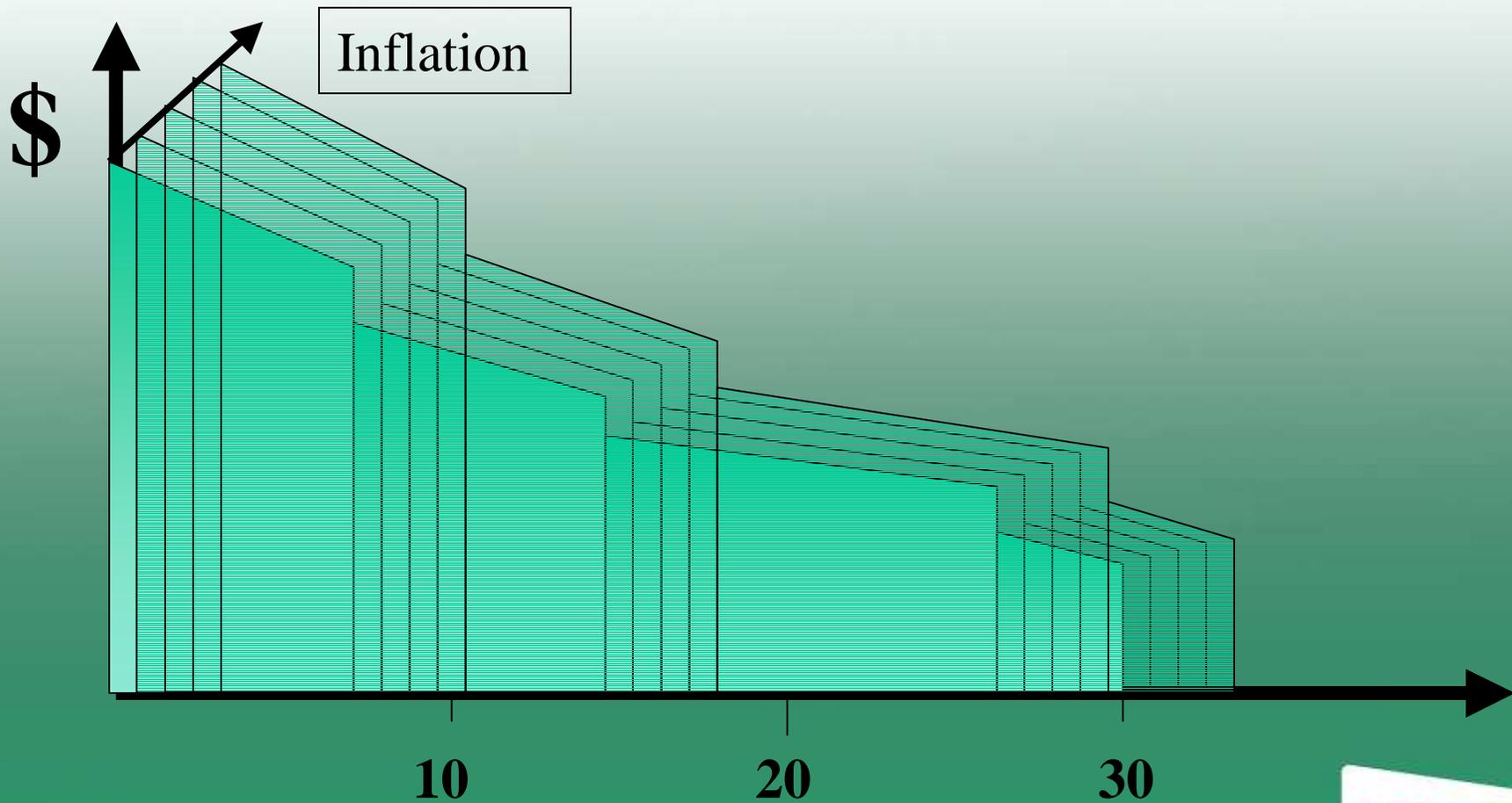


Figure 8: Existing Regulations Annual Inflation of PCC Costs



From everyday collection to environmental protection, Think Green.SM Think Waste Management.

Figure 9: PCC Cost Estimate Discounting (The “Real” Value of Money)

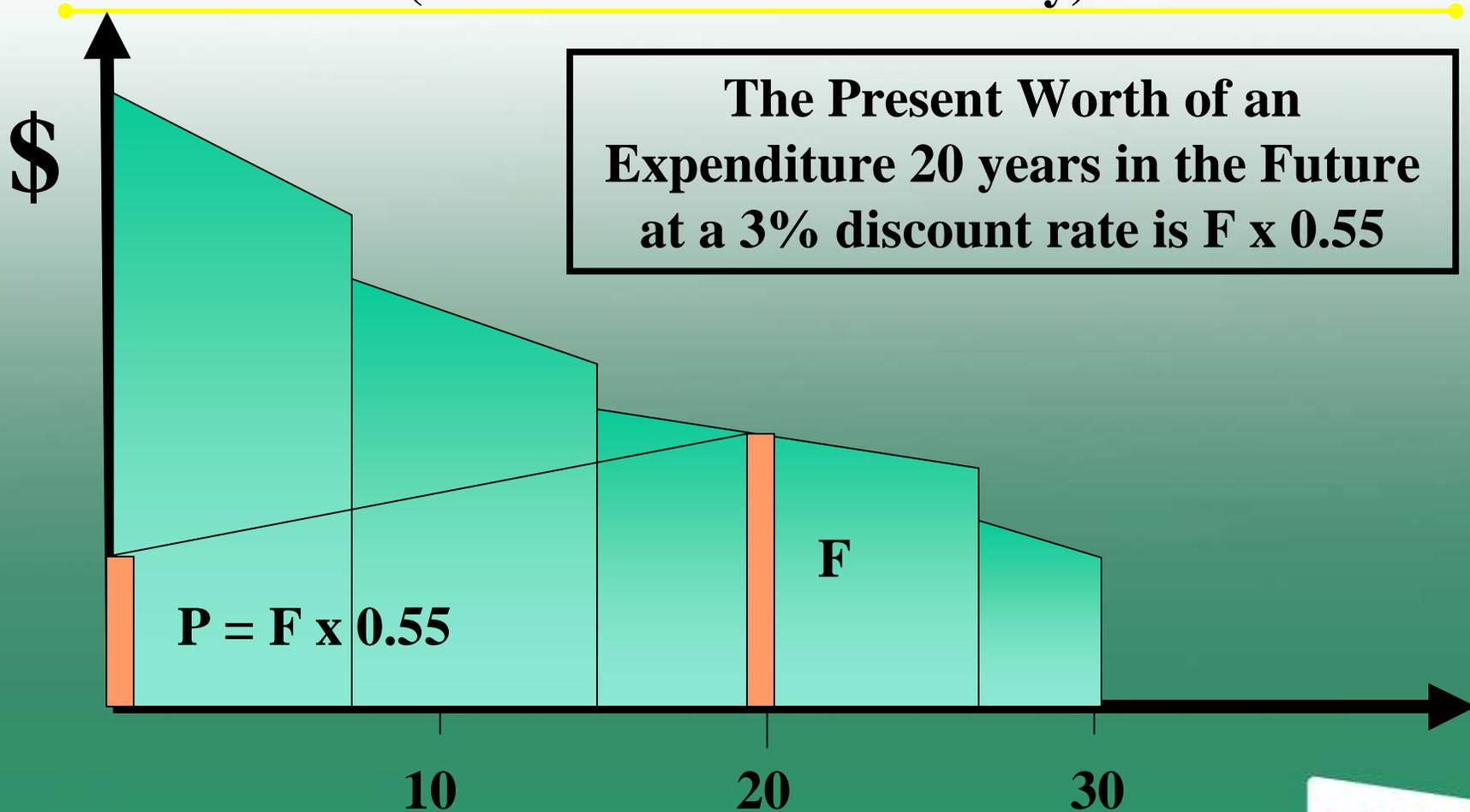
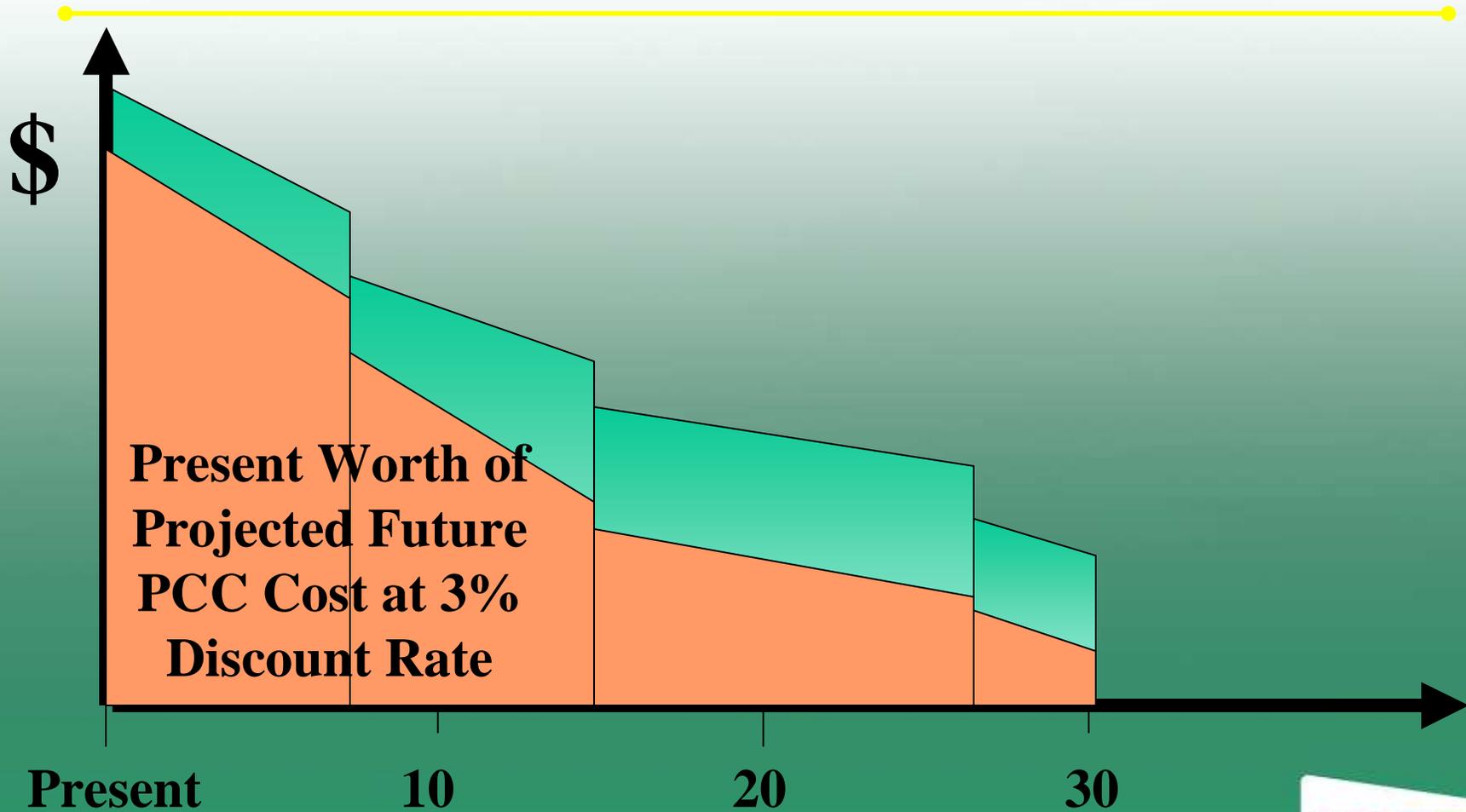


Figure 10: Present Worth Cost of PCC at a 3% Discount Rate



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