



NYS Extended Producer Responsibility for Carpet

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Managing Principal, RRS

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Who is Signalfire Group?

SUPPORTING BUSINESS & GOVERNMENT MOVING TOWARD A CIRCULAR ECONOMY



Assist in Policy Development & Implementation



Assess Markets & Policies to Understand Impact



Develop Strategies to Align Goals & Compliance



Design/Assess Programs & Pilot Implementation



Carpet Recycling and the Case for EPR

Why recycle carpet?

GOOD FOR THE ECONOMY



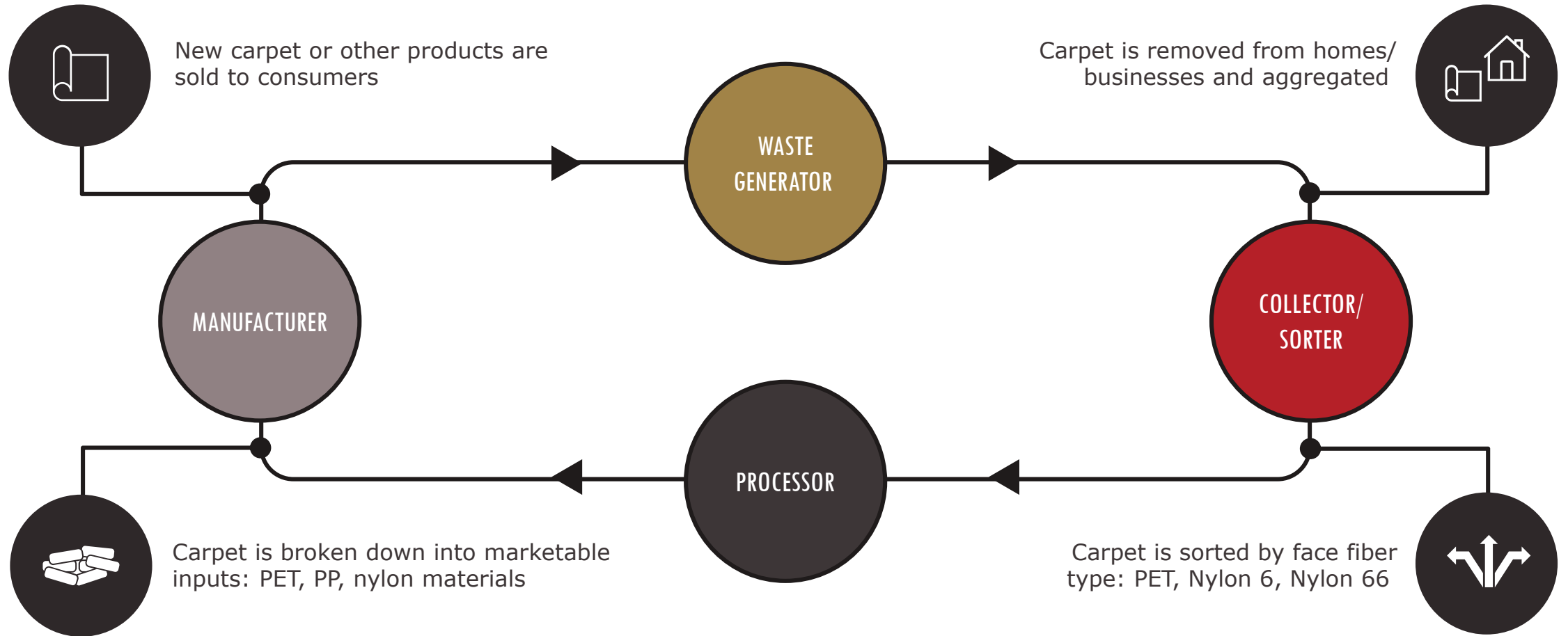
- Recycling companies are ready to set up shop in NY and create hundreds of jobs
- Recycling 30% of the carpet disposed of in the state would save taxpayers and businesses \$4 million per year in disposal costs

GOOD FOR THE ENVIRONMENT



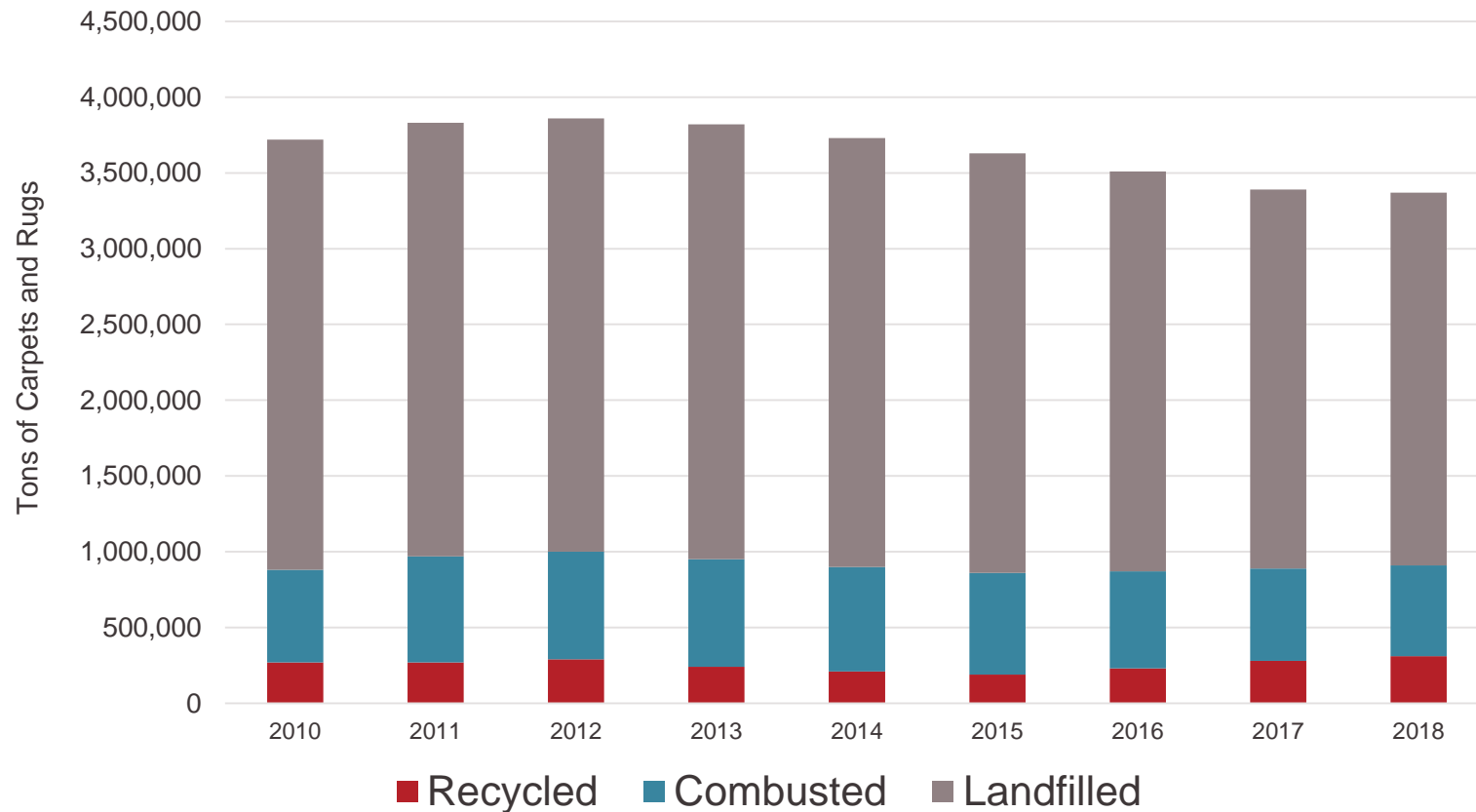
- Feeds a circular economy, since recovered carpet can be made into a range of new products, including new carpet, textiles, consumer packaging and composite lumber
- Recycling 30% of the carpet in NY would reduce 200,000 tons of CO2 emissions per year, equivalent to taking 38,000 cars off the road

How does carpet recycling work?



Why do we need Carpet EPR?

U.S. Carpet Management (2010-2018)



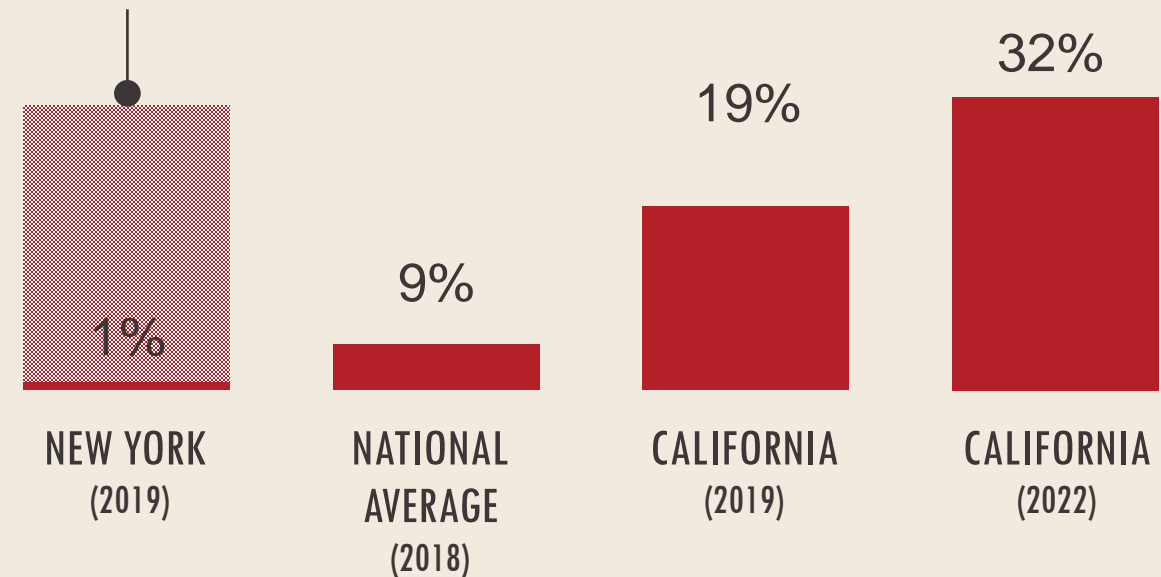
- Americans generate about 3,370 million lbs. of carpet waste annually
- Around 9% of carpet is recycled in the U.S. (73% landfilled and 18% waste to energy)

Why do we need Carpet EPR?

- Carpet recycling is not economically self-sustaining
- Bulky and difficult to manage
- EPR in CA has proven effective at increasing recycling rates and supporting jobs and businesses in carpet recovery

CARPET RECYCLING RATES

EPR law in NY sets a 30% recycling target
5 years from stewardship plan approval



EPR for Carpet Landscape

Current as of 05/17/23



ENACTED



Enacted in 2010



Enacted in 2022

INTRODUCED



Introduced in 2022



Introduced in 2023

* MA has introduced legislation in 2023 to study EPR for Carpet



EPR for Carpets: New York State's Law

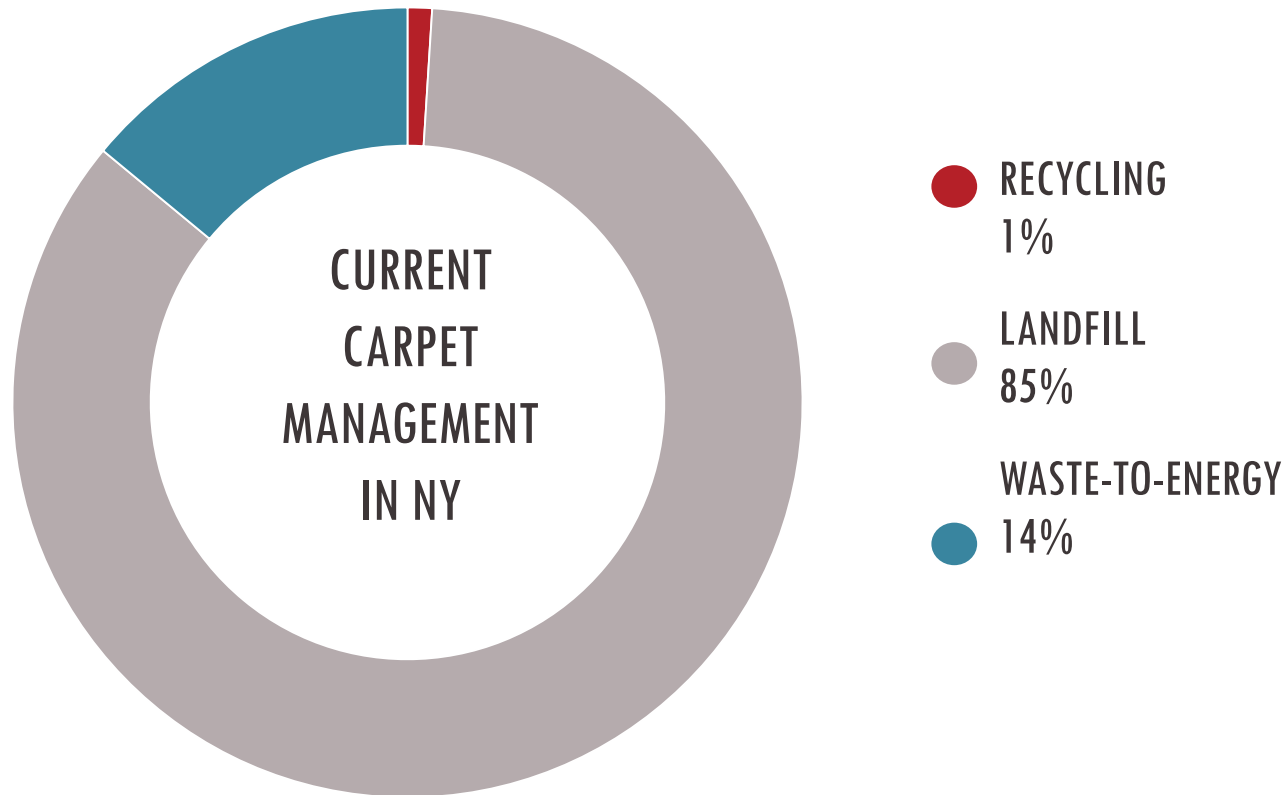
Carpet EPR in NYS

- First introduced as part of Governor Cuomo's proposed budget in 2020
- Proposal garnered support from carpet recyclers, environmental advocates and recycling groups who worked closely together to refine the legislative approach
- Carpet EPR bill (S. 5027 = A. 9279) was signed into law Dec. 28, 2022
- A chapter amendment / revision bill (S. 834) was enacted Mar 03, 2023



Current Carpet Management in NYS

Total Estimated 2019 Generation:
~257,500 tons



Carpet EPR in NYS: Key Provisions

PERFORMANCE STANDARDS



- Recycling collection rates
- Closed loop recycling rates

CONVENIENCE STANDARDS



- At least one permanent carpet collection site required in all counties and municipalities with 10,000+ residents.
- Specific convenience standard for NYC developed in consultation with the city and State.

ENVIRONMENTAL STANDARDS



- Phaseout PFAS chemicals used in carpet manufacturing

POSTCONSUMER CONTENT STANDARDS



- Minimum postconsumer content levels that increase over time

Carpet EPR in NYS: Key Provisions

FUNDING MECHANISMS



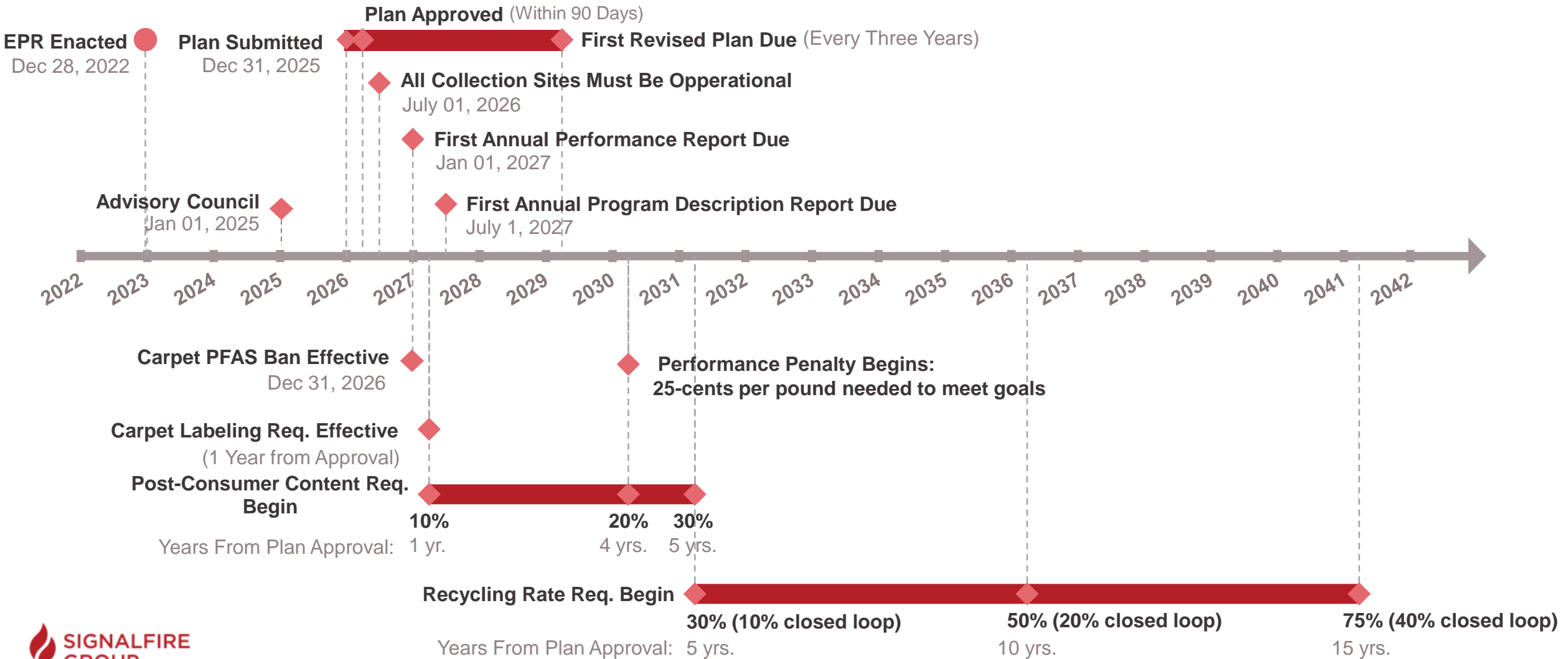
- Producers responsible for all costs associated with the program, including collection.
- Separate from any penalties, producer(s) or a representative organization shall pay costs incurred by the state for administration and enforcement.

GOVERNANCE



- Non-profit Representative Organization is responsible for meeting goals and standards; must develop plan and report annually
- Carpet Stewardship Advisory Board, including representatives of environmental organizations and local governments, will oversee program planning and implementation

Carpet EPR in NYS Producer Timeline





Questions?



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