

CHANGE IS ELEM ENTAL



PORTDETROIT
Detroit/Wayne County Port Authority

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While many ports are still asking if they should decarbonize, **we've already begun answering how.**

Port Detroit is building the future now. We're reducing emissions, protecting community health, and driving sustainable economic growth along the waterfront. Cleaner operations and smarter development aren't separate goals. They're how we grow. And if you're not planning for that now, you're planning to fall behind.



Land Acknowledgement

The Detroit/Wayne County Port Authority would like to acknowledge that the land that Detroit and SE Michigan is Anishnabewaki ᐱᓂᓴᓃᐅᐸᑦ, Mississauga, Peoria, Meškwahki·aša·hina (Fox), Myaamia and Bodéwadmiakiwen (Potawatomi) ancestral land.

We acknowledge the land to honor its people, show respect, acknowledge our history of conquest, and resist the erasing of the First Nations. I thank them for allowing us to be here together today.

The Detroit/Wayne County Port Authority

- Government entity funded by City, County and State, founded in 1978
- Promotes the movement of cargo on the water to support our local economy
- Promotes maritime jobs and economic development
- Cruise ship champion
- Environmental stewardship of the waterways

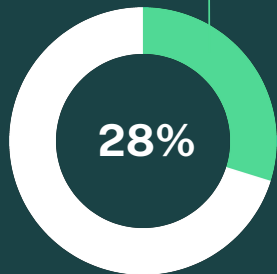




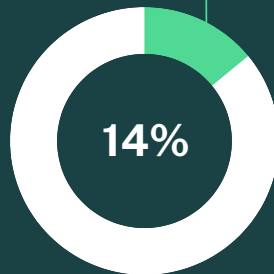
Detroit is working toward a cleaner, healthier future — starting with the basics: land, water, and air. From key projects to guiding values, every element plays a role. Real change happens one step at a time. And in this plan, every step matters. Change is Elemental.



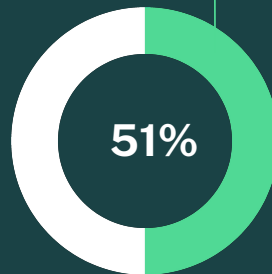
Shipping Emissions
8,425 tCO₂e



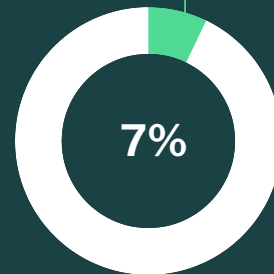
Goods Handling Emissions
4,145 tCO₂e



Drayage Emissions
15,430 tCO₂e



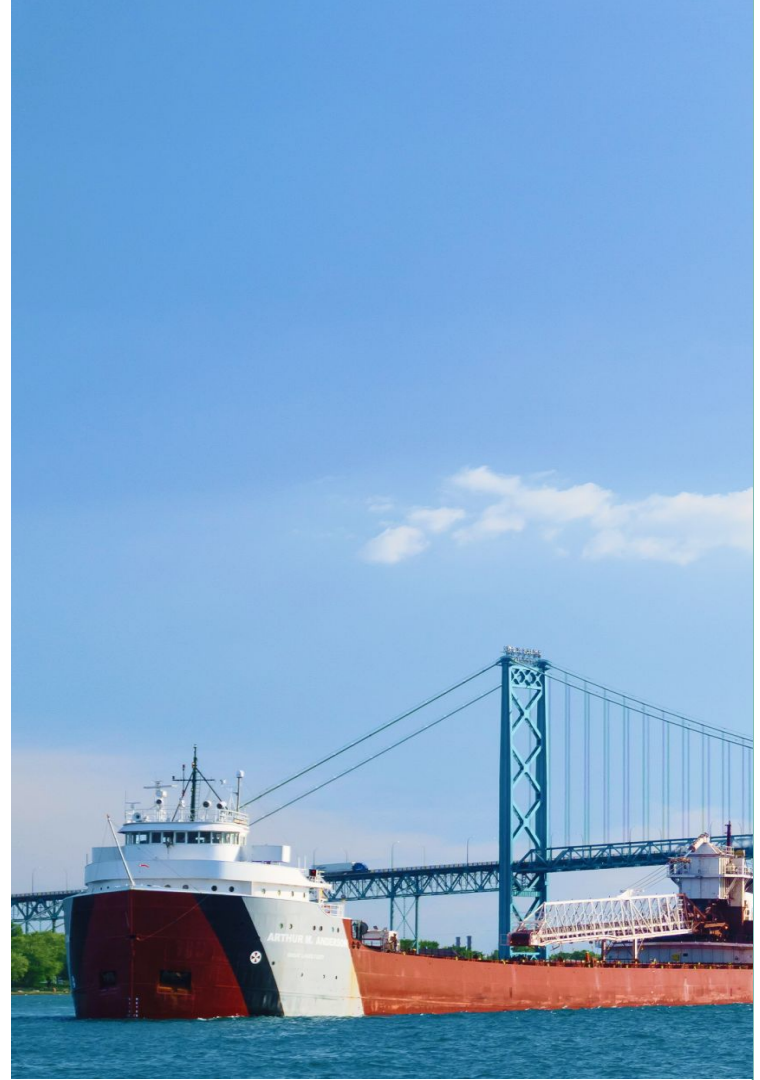
Administration of
port facilities 2,268 tCO₂e



The total volume of carbon dioxide emitted due to port activities in Detroit is equivalent to 30,296 tons or 44 Ford Fields filled with CO₂.

Project Motivation

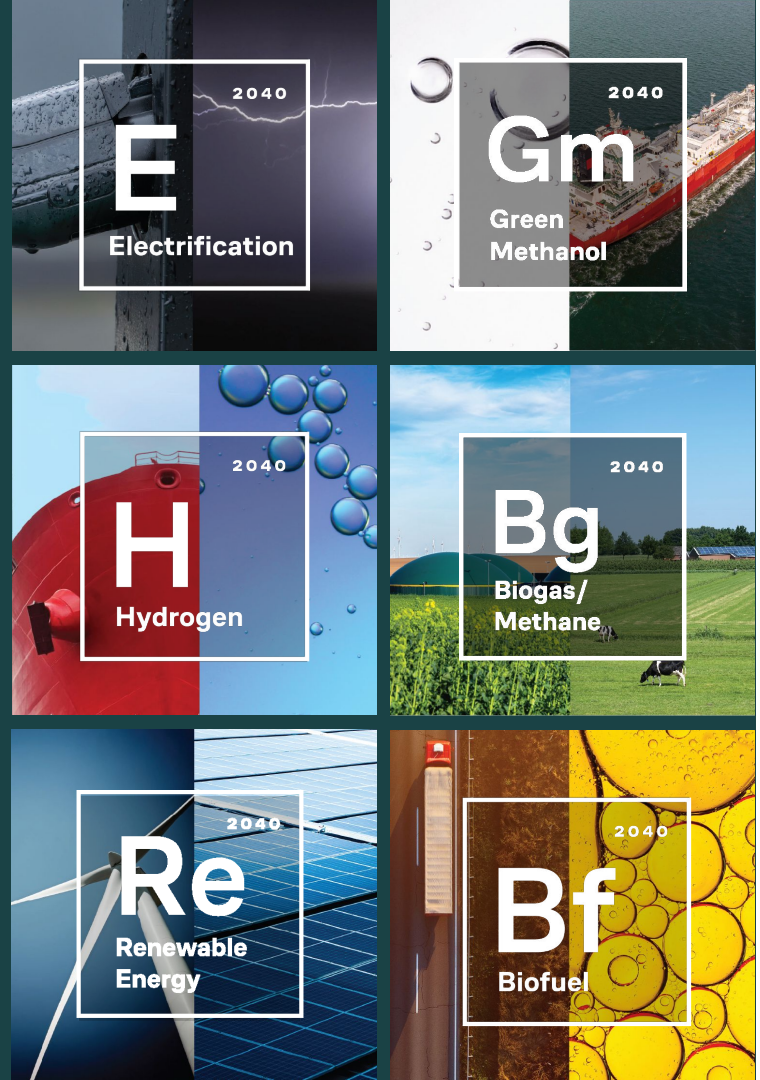
- Reduce Carbon Emissions
- Maritime's Responsibility for climate change
- Improve Air Quality
- Leverage Funding Opportunities for Port Improvements
- Enhance the Reputation of the Port Community
- Economic Development

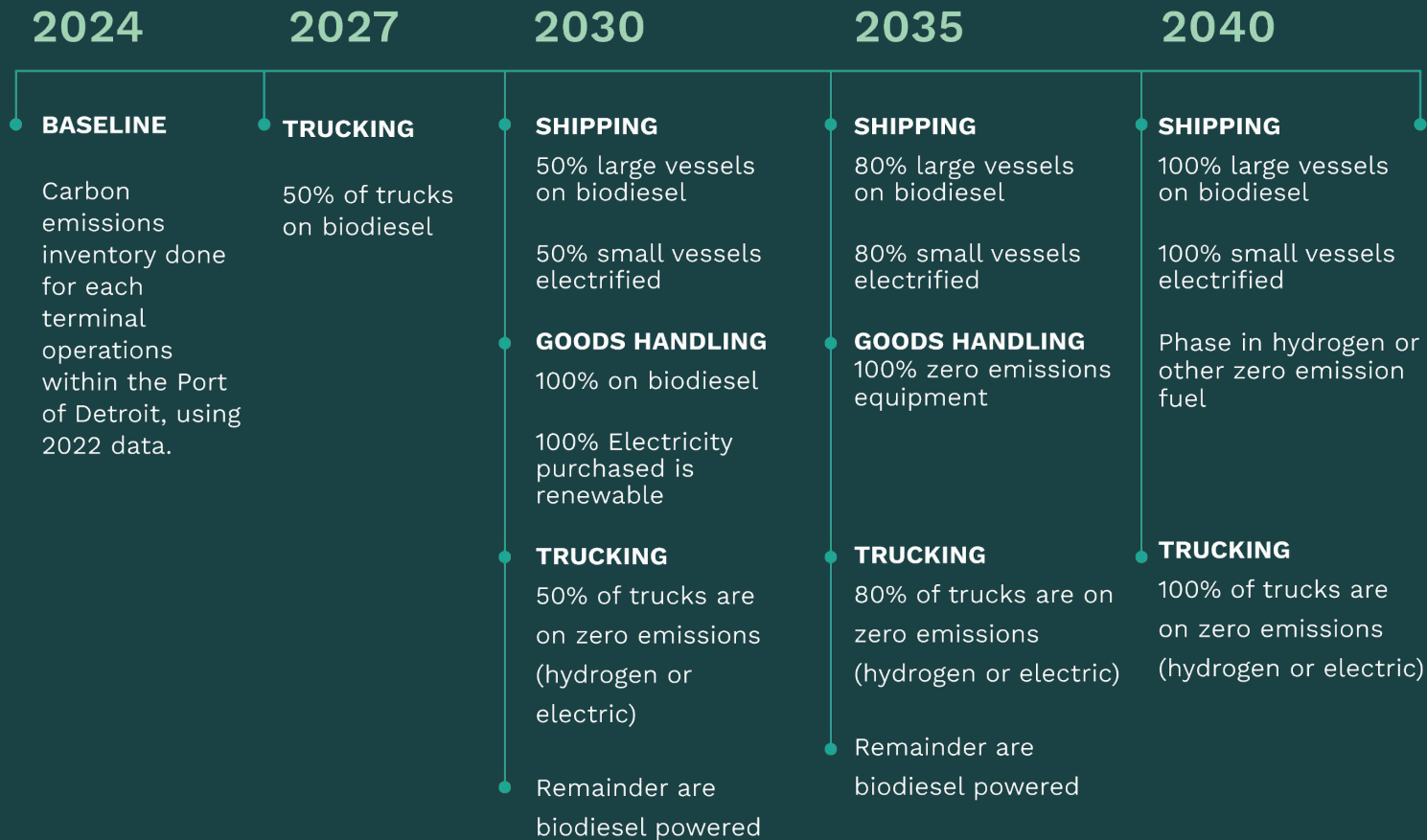


THE ELEMENTS

Emission Reduction Strategies

Electric/Battery Electric, Hydrogen,
Renewable Energy, Ammonia/Green Methanol,
Biogas/Methane, Biodiesel





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Learn More

portdetroit.com/decarbonization-plan