

# **Overview**

#### What is Frog Ferry?

Frog Ferry is a nonprofit working to create a safe and sustainable river-friendly public passenger ferry service.

#### Goals

- Reduce congestion and greenhouse gas emissions (GGEs)
- Build resiliency and emergency response
- Enhance community livability
- Provide a low-cost means of connecting marginalized populations with jobs/services
- Connect residents and visitors to our rivers to foster stewardship
- Educate passengers about the river habitat and the Indigenous Tribes who lived along the shores 300+ years ago
- Have fun!



## ★ Pilot Project: 2 Dock Stops (Fully Scaled: 9 Stops)

The route will run from Cathedral Place dock to RiverPlace dock to serve commuters. The fully scaled ferry operation will serve 9 stops, from Vancouver, WA to Oregon City and potential points beyond.

### Achieves a significant reduction or sequestration of greenhouse gases

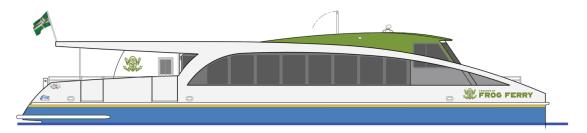
- Estimated GGEs mitigated by one vessel in one year: 3,170 metric tons
- Estimated GGE's mitigated in three years: 14,265 in metric tons
- Estimated GGE's mitigated in 30 years of two vessels: 190,200 metric tons

#### When?

2017-2024:	Research (demand modeling, feasibility studies, finance plan, social media, community outreach, pilot project plan), regulatory agency outreach, customer experience, community benefit, finance, and marketing. Support letters at <i>frogferry.com</i> .	
2025:	Secure project management funding for home port recon and plan (short and long-term), summer FTA application, pilot project operations plan, downtown transportation-oriented development plan, fundraising for pilot project match and operations.	
	Note: IIJA federal funds available 2022-2026: \$300M/year for ferries.	
2027:	Boat on the water in operation.	
2028:	Apply for second FTA grant to add dock and vessel.	

#### How?

A 70-passenger ferry with bike storage at \$3.50 per trip for the pilot route. The long-term vision includes an electrified ferry fleet of seven vessels with shore-side charging overnight. Launch the ferry operation utilizing renewable diesel (R99) until shore-side charging stations are built and in operation. Residents living in proximity to docks can live car-free.



## **Ferry Community Benefits**

	Pilot Project: 1 ferry on Renewable Diesel	Fully Operational: 7 electrified ferries
Social	<ul> <li>Affordable: \$3.50/ticket (low subsidy)</li> <li>Maximize time during shorter commutes</li> <li>River accessibility: fosters sense of belonging</li> <li>Connects low/med. Income residents to downtown</li> <li>Fun!</li> </ul>	<ul> <li>95 million lbs. of CO2 removed/yr</li> <li>Residents live car-free</li> <li>Fosters economic development</li> <li>Builds community resilience</li> <li>Connects residents to greenspaces</li> </ul>
Environment	<ul> <li>780 passengers a day (50% load)</li> <li>600 autos displaced/day</li> <li>R99 is 80% cleaner than fossil diesel</li> <li>3,170 annual metric tons CO2 displaced</li> <li>Operate 12 hours/day, Monday-Saturday</li> </ul>	<ul> <li>4,000 passengers/day (50% load)</li> <li>1 million passengers/yr</li> <li>700,000 car trips displaced/yr</li> <li>Shoreside charging infrastructure</li> <li>Proximity to nature and ecotours</li> </ul>
Economic	Draws people to downtown core     Inspires "Portland can do big things again"     Attracts employers     "High on-time" performance/reliability     Affordable and shovel ready     Preferred commuter mode     Builds community resilience against earthquakes	<ul> <li>Connects communities</li> <li>Jobs: 150 FTE/yr for construction, maintenance, crews, management</li> <li>Draws people to waterfront</li> <li>Connects multi-modality of transit options</li> <li>Builds bike/scooter/pedestrian traffic</li> <li>Builds community Green Loop</li> <li>Affordable and reliable transit</li> </ul>

## **Your Support Matters**

Website: www.frogferry.com

LinkedIn: Friends of Frog Ferry: Passenger Ferry Service

Facebook: Friends of Frog Ferry

Instagram: @frog\_ferry