



# The Pollution Liability Insurance Agency (PLIA) Underground Storage Tank (UST) Revolving Loan and Grant Program

Presented by:

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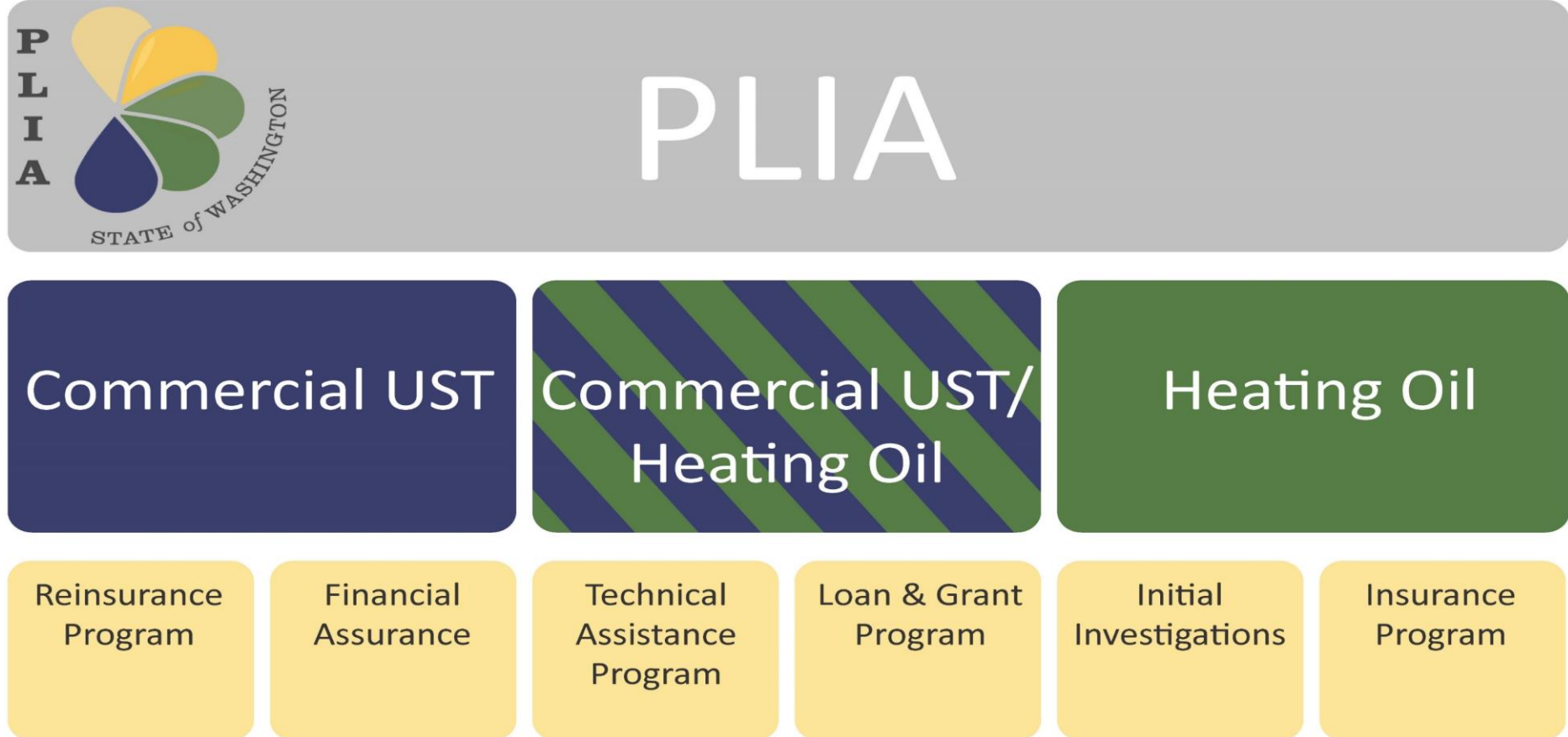
## *Agency Mission Statement:*

*PLIA provides an effective and efficient government funding model that helps owners and operators meet financial responsibility and environmental cleanup requirements for underground storage tanks.*



Photo: Can Stock Photo

# PLIA Programs



# UST Revolving Loan and Grant Program

- Established by the Legislature in 2016.
- Statutory Authority: Chapter 70A.345 RCW.
- Offers Loan and Grant funding awards to petroleum UST owners and operators.
- Funding awards of up to \$2 million per facility to:
  - Clean up contamination
  - Upgrade UST systems
  - Install alternative fueling infrastructure including EV charging stations



Photo: Smitty's Conoco #190



Photo: Genesee Fuel and Heating Company



Photo: Acme Fuel Company

# Supporting the Governor's Priorities

- Governor Inslee's Priorities.
  - Prosperous Economy
    - Support local businesses and their local economies.
  - Sustainable energy and a clean environment.
    - Promote and fund environmental cleanup of petroleum releases.
    - Promote and support the statewide EV charging infrastructure.
  - Efficient, effective and accountable government.
    - Support and foster opportunities with other state programs and services.
    - Encourage agency staff innovation and problem-solving.
- PLIA's UST Revolving Loan and Grant Program provides funding to:
  - Cleanup petroleum releases and site contamination.
  - Transform old stations into gas stations of the future, adapted to the changing transportation fuel market.
  - Install alternative fueling infrastructure such as electric vehicle charging stations.

# Program Information

- 2017-2020: 89 applications received.
- March 2021 – applications suspended due to limited program funding.
- To date: \$7.7 million spent on PPAs.
- 75 projects have completed PPAs with project cost estimates totaling **\$67,978,583**.
  - Cleanup cost estimates: \$34,011,899
  - Infrastructure cost estimates: \$33,966,684
- 7 projects with financial offers.
  - Offered amount total: \$6,303,277
  - Spent amount total to date: \$2,924,109
- Number of projects with applicants with a priority to use funds on EV charging station: 41





# Funding Award Types

## **Preliminary Planning Assessment Grant** (for all program participants)

- Preliminary Planning Assessment (PPA) provides site characterization and pre-construction planning with grant of up to \$150,000 to review:
  - Any contamination and its extent at the facility.
  - Required remedial actions.
  - Cost estimates for desired infrastructure upgrades.

## **Loan Fund** (for program participants that receive financial offer after PPA)

- Financial offers presented following PPA completion and review.
- Loan awards of up to \$2 million (less PPA Amount).
- Up to 30-year term at prime interest rate.

## **PLIA-Led Remedial Action Fund** (for some program participants with total project costs in excess of loan amount they qualify for)

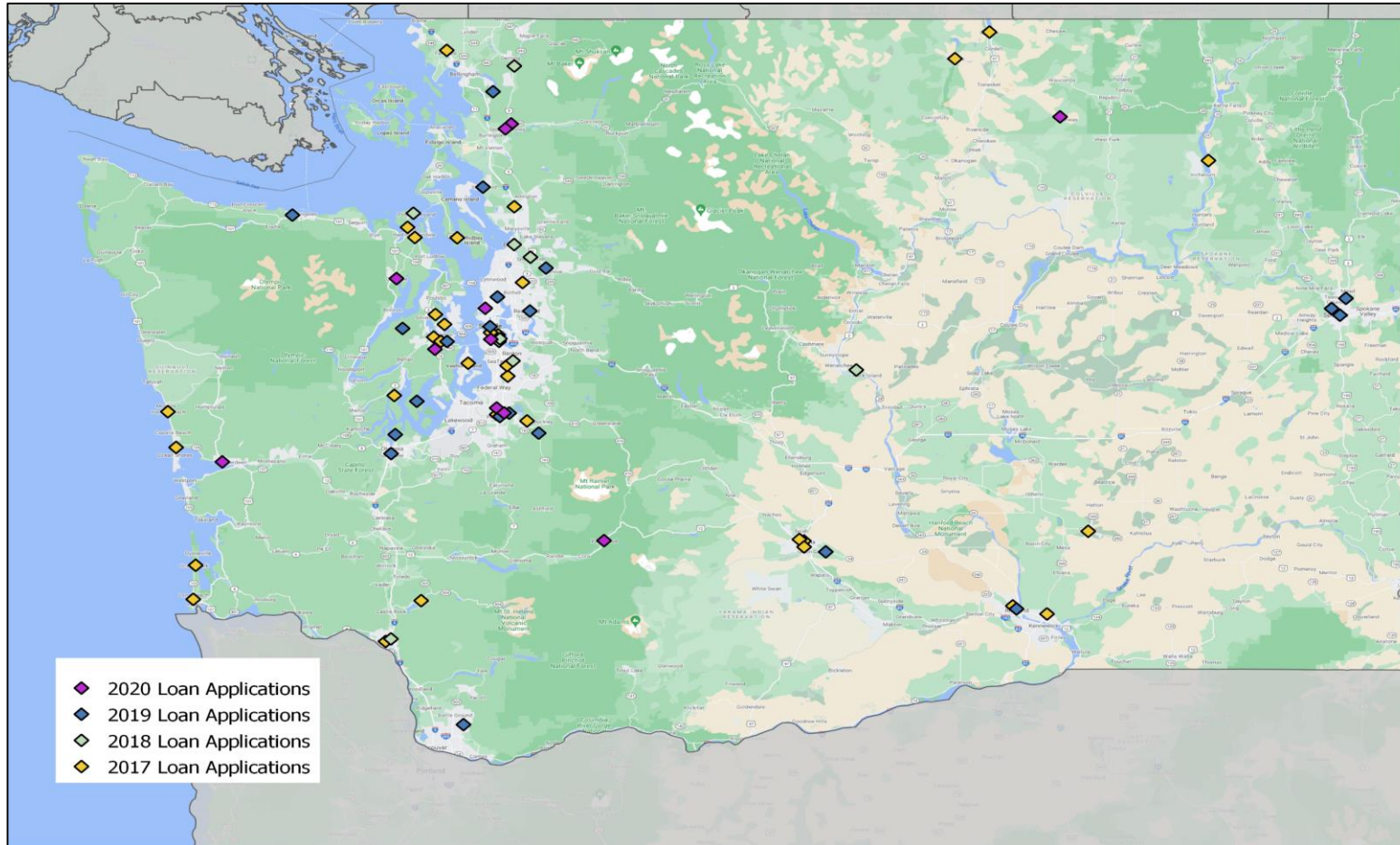
- Funding to conduct Model Toxics Control Act remedial actions to address a release of hazardous substances at a UST facility.

### **Loan Interest Rate Discounts:**

- 1.0% if installing EV charger.
- 0.5% for other UST upgrades.



# Program Status 2022



Locations of Loan and Grant Applicants by Year

- Application cycle suspended March 2021 due to limited program funding.
- Number of sites waiting for funding: 60
- Program expanded in 2020 to include Heating Oil.
  - Up to \$75,000 funding award.
  - 29 received applications.
- 2023 agency request legislation may provide opportunities to increase program funding.

# Project: Seaview Mobil, Pacific County, WA

- 2017 applicant site.
- PPA grant of \$97,943.70 identified:
  - Previously unknown groundwater contamination at the property.
  - Cost estimates for cleanup, decommissioning/replacement of existing UST system, and installation of EV charging station.
- Insurance funds paid for cleanup and tank removal.
- Loan award of \$630,000 paid for modern, 23,000-gallon double steel wall tank and an EV charging station.
- Pre-project property value: \$625,000.
- Post-project property value: Following cleanup and construction, Seaview Mobil sold the business and property for \$2,000,000.



Seaview Mobil gas station and convenience store post construction/cleanup. Photo: Seaview Mobil.



# Seaview Mobil Charging Station

- Pole-mounted, single-plug 3703 ChargeWorks Level 2 EV Charger from EVSE LLC
- Charging Power: 7.2 kW
- Estimated battery electric vehicle (BEV) charge time from empty: 4-10 hours, assuming a 60-kWh battery.
- Given an average EV efficiency of 2.9 miles per kWh, the estimated range per hour of charging is about 20 miles.
- Cost (including installation): \$17,893



EV charging station installed at site. Photo: Seaview Mobil.

# Project: Quick Stop #4, Longview, WA

- PPA grant of \$142,568 identified:
  - Gasoline/diesel release from USTs into soil and groundwater.
  - Cost estimates of \$1,382,758 for cleanup, removal of current UST system, and installation of new infrastructure including EV charging station.
- Financial award of \$786,453.58 paid for:
  - Cleanup and tank removal.
  - New tank with 3 compartments, a fiberglass coating, and double-wall piping.
  - A new canopy over the fuel pumps.
  - An EV charging station.
- Pre-project property value: \$216,000
- Post-project property value: \$790,000



Removal of old tank at Quick Stop #4 site. Photo: Quick Stop #4

# Quick Stop #4 Charging Station

- Chargepoint CT4011, single port, Level 2 charger.
- Charging power: 7.2 kW
- Cost (including installation): \$15,524



EV charging station installed at site. Photo: Quick Stop #4.



## Future of gas stations?



New Gas Station Lists Electricity Price Right Next To Gas. Source: Aaron Cole.



# Installing Electric Vehicle Charging Stations



- Facility/site must have petroleum UST, even if no cleanup required.
- Stay up-to-date with PLIA. Join listserv for announcements on next application cycle.
- Apply to Loan and Grant Program to earn spot in waiting list.
- May have more opportunities with programs through 2023 agency request legislation related to other PLIA program, and possibly with Departments of Transportation and Commerce.

# Thank you!

## Contact us

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