

# Multiunit Dwelling Electric Vehicle Supply Equipment Grant Program



**Bronwyn Cooke, Department of Housing and Community Development**  
**Dave Roberts, Drive Electric Vermont**

**Informational Workshop**  
**January 26th, 2022**

# Program Overview | Timeline

**October - December** - Weekly program design meetings

**January 13<sup>th</sup>, 2022** - Program launch

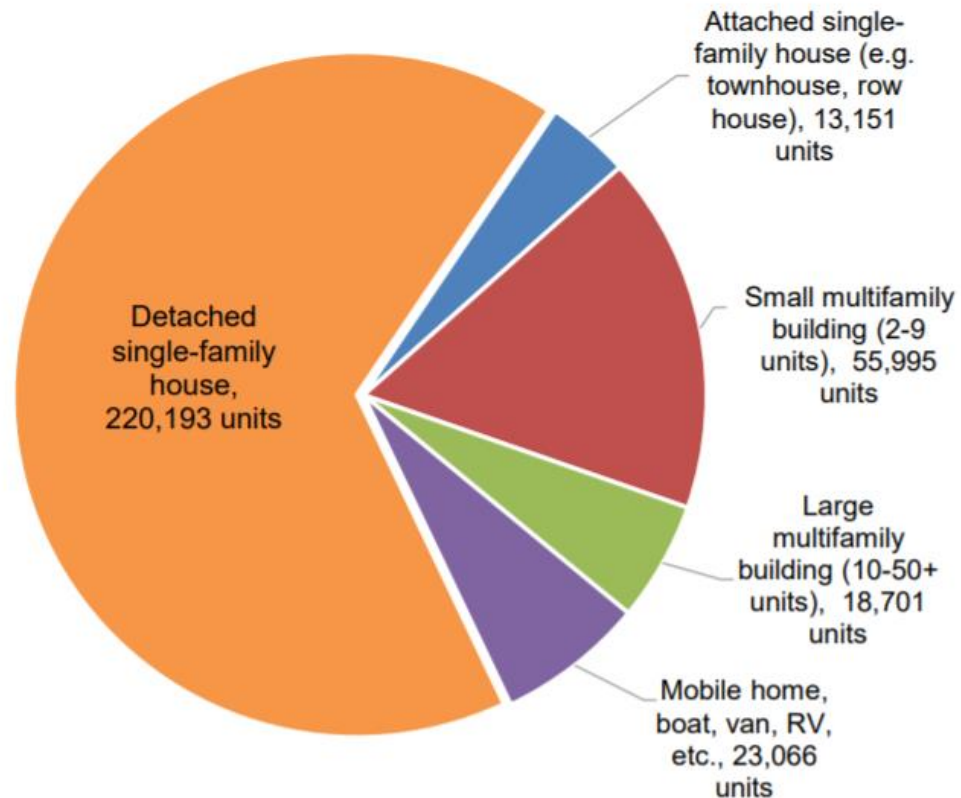
**January 26<sup>th</sup>, 2022** - Informational Workshop

**April 1<sup>st</sup>, 2022** - Application due by 4:30 pm

**April 22<sup>nd</sup>, 2022** - Grant awards announced

# Program Overview | Multiunit Housing

Figure 3-16: Vermont housing units by type of building



10+ unit housing is a small percentage of Vermont's total housing units (~6%)

However, it represents nearly 20,000 units for which there is a gap in home charging solutions

# Program Overview | Goals

Increase access to home charging for residents of multiunit housing.

Test solutions that work for property owners and residents.

## Pilot Program

- non-prescriptive program requirements
- most costs are eligible for funding
- solicit a wide range of EV charging service models
- award funds, implement projects
- evaluate to look for replicable service models

# OPPORTUNITY MATRIX FOR MULTI-UNIT DWELLING EVSE CHARGING

**SHARED  
PARKING**

## Shared Parking EVSE Billed to Unit

- may require new technology/  
membership billing models
- requires a 'key' system
- L2 charging to increase availability

**MORE PUBLIC  
LESS CONVENIENT**

## Pay As-You-Go EVSE

- Faster L2 charging to increase  
availability
- No new resident billing technology
- Higher costs potentially passed  
through to users

**MOST PUBLIC  
LEAST CONVENIENT** *Key Opportunity*

**LEAST PUBLIC  
MOST CONVENIENT**

**LESS PUBLIC  
MORE CONVENIENT**

## Dedicated Unit EVSE

- Most convenient for EV owners
- L1 or L2 charging
- May require a 'key' system to access
- Underutilized if tenants don't have EVs
- Allows residents to access best rates

*Key Opportunity*

## Owner-Subsidized Dedicated EVSE

- Convenient for EV owners
- L1 or L2 charging
- Lowest up-front costs, but not easy to  
recover ongoing electric costs
- May require a 'key' system to access
- Meet Act 250/Building Energy Code  
requirements for new construction at  
lowest cost

**HIGHER  
COST**

**LOWER COST**

**METERED OR BILLED  
TO UNIT**

**COMMON  
METERING**



# Program Details | Eligible Costs

## Eligible Costs

- Planning (up to 20% of total project cost)
- Permitting fees
- Physical hardware
- Equipment Warranty (up to 5 years)
- Upgrading electric supply
- Construction costs related to installation
- Future proofing
- Signage and pavement painting
- Software subscription (up to 5 years)
- 3rd party contracts for preventative and corrective maintenance (up to 5 years)

## Ineligible Costs

- Land/parking space purchase or lease
- Taxes
- Internet connection or cell signal
- Electricity consumption and demand charges