



nbi new buildings
institute

Port Decarbonization Guide

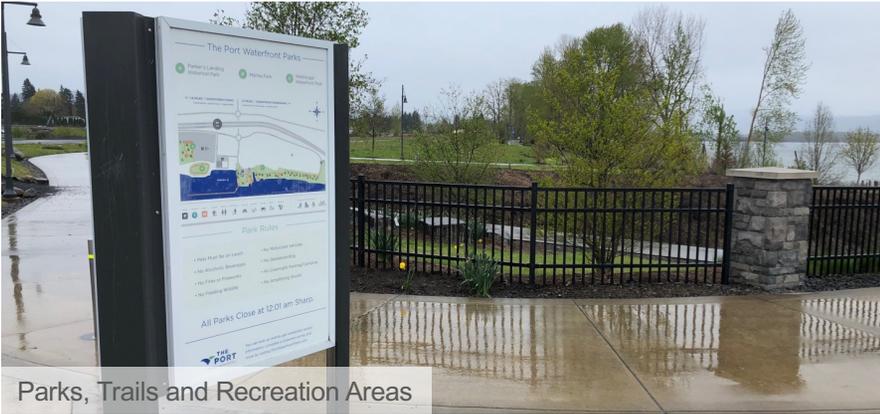
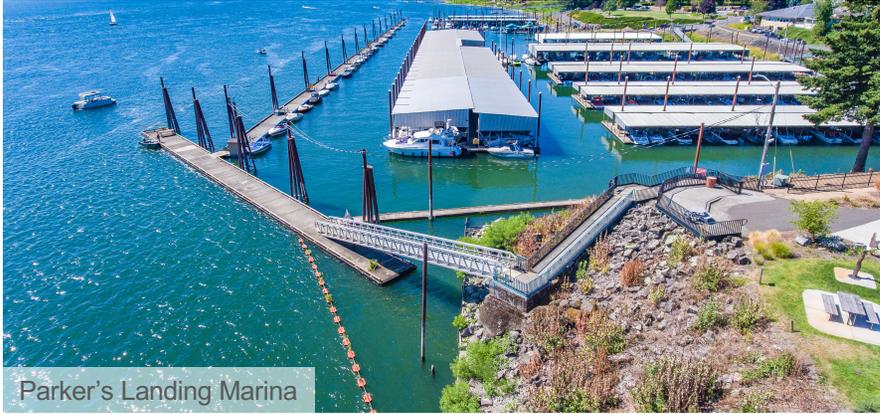
Port of Camas-Washougal

About New Buildings Institute (NBI)

- **Mission:** We push for **better buildings** that achieve **zero energy, zero carbon, and beyond**—through research, policy, guidance, and market transformation—to protect people and the planet.
- **Vision:** We envision a transformed built environment that is **carbon-free, sustainable, and energy-efficient** and supports thriving economies that benefit all people and the planet.

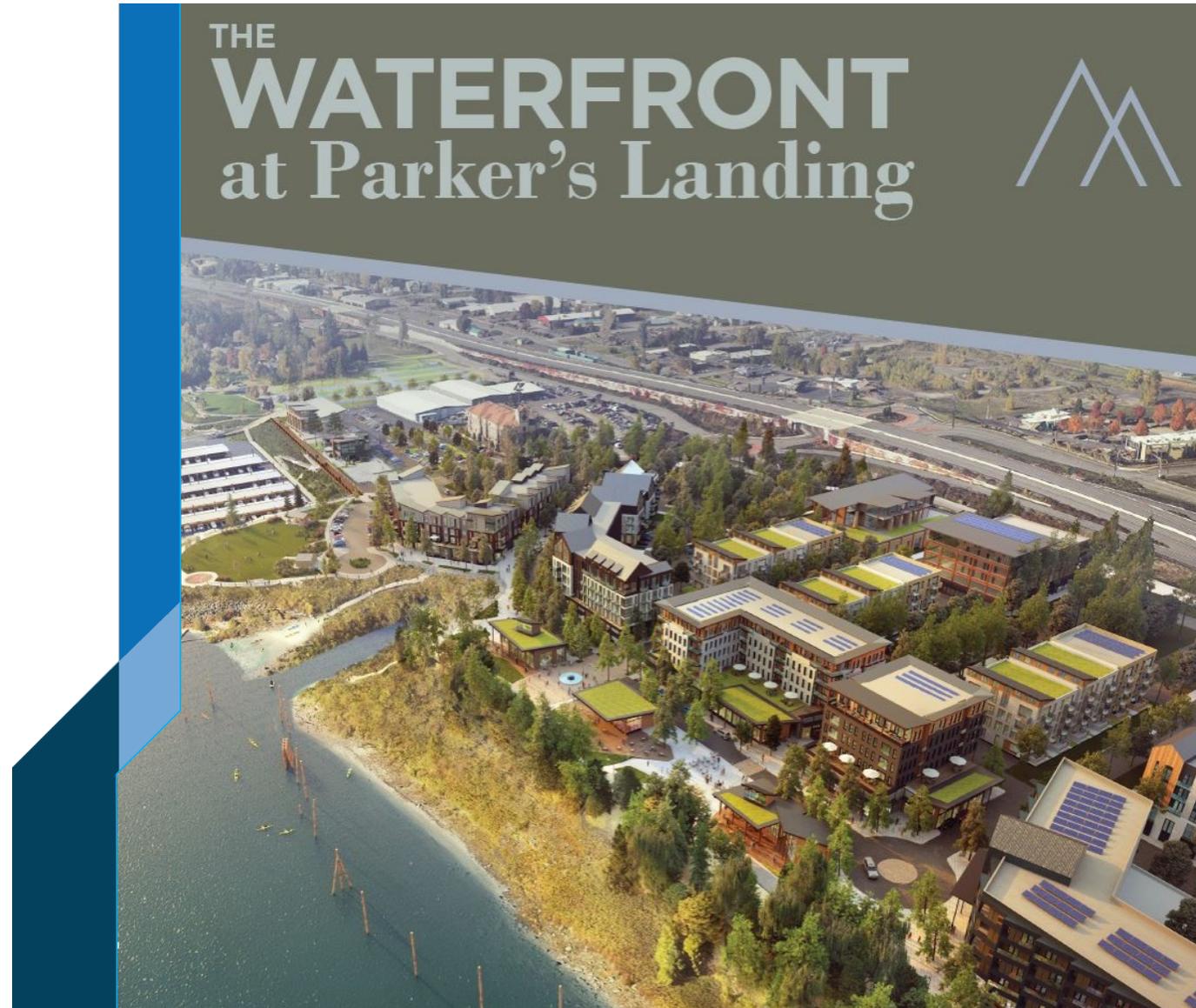


Port of Camas-Washougal



The Future

Mixed Use
Commercial and
Residential
Development



Guide Topics

- New Construction / Existing Buildings
- Building Energy Efficiency
- Building Electrification
- Onsite Renewable Energy
- Electric Vehicle Charging
- Building Electric Capacity



Existing Buildings and New Construction



Building Energy Efficiency

- Equipment Replacement
- Controls
- Lighting Efficiency
- Envelope Upgrades
- Utility Cost Sub-metering
- Marina Loads



Building Electrification

- Heat Pumps
- Cooking
- Electric Clothes Drying
- Process Loads



Onsite Renewable Energy

- Orientation
- Grid Interconnect
- Community Solar

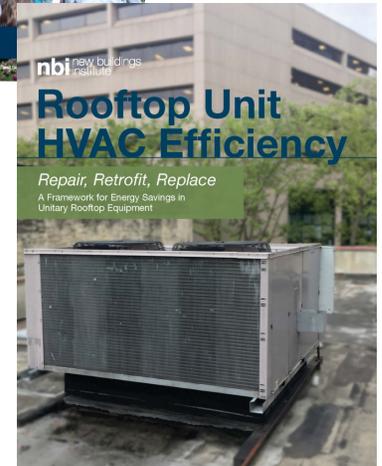
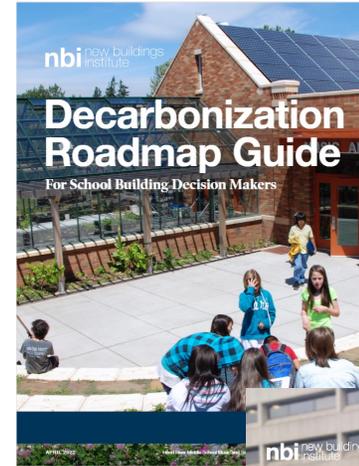
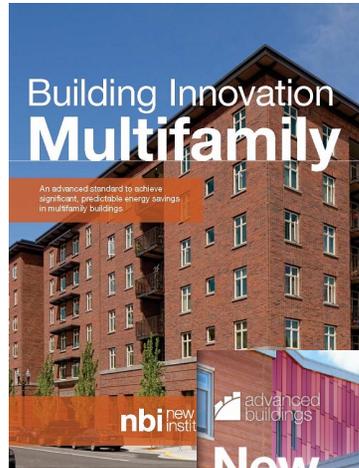
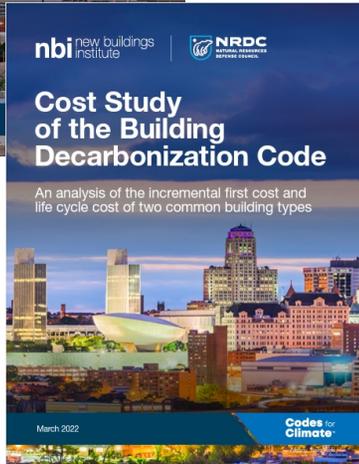
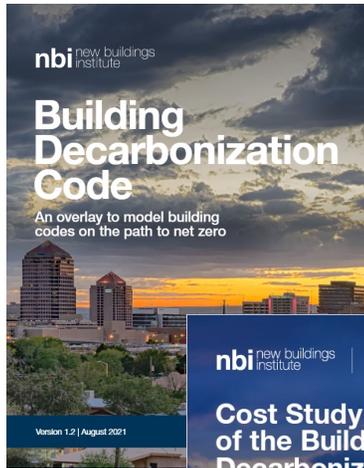


Electric Vehicle Charging

- Terminology
- Load Management
- Managing Charging Costs
- Choosing the Right EVCI
- Electric Boats & Planes



Additional Resources



Thank You!!

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