Common Ground
Collective Voice
Greater Impact
Statement of Purpose

Recognizing the urgency to decarbonize, we focus on impacts that are ambitious, scalable, equitable, and quantifiable.

Shift Zero starts from common ground – our alarm about the climate crisis – to work for common cause: a zero net carbon built environment for all members of our communities.

Recognizing the urgency to decarbonize, we focus on impacts that are ambitious, scalable, equitable, and quantifiable.
A Broad Alliance

Architects | Environmental Groups | Affordable Housing Advocates
Green Building Programs And Certifications | Sustainability Consultants
Technical Research Firms | Energy Efficiency Organizations
Engineering Firms | Trade Associations | Non-Profits
Businesses | Public Interest Groups
28 Member Organizations

350 Seattle
475 High Performance Building Supply
A&R Solar
American Institute of Architects Seattle
American Institute of Architects Washington Council
Balderston Associates, LLC
Built Green
Climate Solutions
Ecotope
Emerald Cities Seattle
Housing Development Consortium of Seattle-King County
ILFI South Sound Collaborative
International Living Future Institute
New Buildings Institute
Nicholson Kovalchick (NK) Architects

Northwest EcoBuilding Guild
Northwest Energy Efficiency Council
NW Energy Coalition
O’Brien & Company
Optimum Building Consultants, LLC
PAE Engineers
Passive House Institute of the United States
Passive House Northwest
Seattle 2030 District
Solar Washington
South Seattle Climate Change Action Network
Sustainable Connections
Washington Women for Climate Action Now
Definition of ZNC

**STEP 1: Maximize Energy Efficiency**
- Efficient building construction
- Efficient systems and appliances
- Operations and maintenance
- Change in user behavior

**STEP 2: On-site renewable energy**
- Maximize on-site renewable energy generation where practical

**STEP 3: Off-site renewable energy**
- Procure off-site renewable energy that is additional, local, equitable, and legally assigned to the building.
Action Priorities

1: 20 by 2020 Building Challenge

2: Property Assessed Clean Energy and Resilience (PACER) Financing

3: Roadmap to Zero Net Energy Code

4: ZNC Building Incentives for Local Jurisdictions (Toolkit Rollout)

5: Energy Performance Disclosure
Action Priority:
20 by 2020 Building Challenge

Get ahead of the carbon curve. Build tomorrow's buildings today.
20 by 2020 Projects

Leading the Market
20 by 2020 projects are leading our shift towards a carbon-sustainable future:

- Demonstrating cost-effective, scalable means to revolutionize building energy efficiency through Passive House construction
- Driving the improvements that decrease cost and increase adoption of deeply energy-efficient building
- Transforming buildings to be part of the climate solution

Check out the project gallery to learn more about the energy saving features, amenities and environmental benefits of these innovative buildings.
Action Priority:

**Property Assessed Clean Energy and Resilience (PACER) Financing**

Low-cost, long term financing for efficiency and clean energy investments in existing commercial buildings. Includes seismic, water conservation and other improvements.

- Local government and local lenders cooperate on loans secured by property tax obligation
- Debt stays with the building when sold, rather than the owner
Action Priority:

Roadmap to Zero Net Energy Code

Ensure state energy code is on a pathway to meet Washington’s mandate to reduce energy use in new and substantially renovated buildings by 70% below 2006 levels by 2031.

- Advocacy for key code proposals; longer term strategy and stakeholder coordination
Action Priority:

**ZNC Policy Toolkit Rollout**

- Resource for advocacy with local policy makers to incentivize ZNC buildings
- Highly Energy Efficient and ZNC Tiers: Apples to apples comparison of certifications and probable energy efficiency outcomes
- Matrix of recommendations based on context: urban, suburban, rural
Action Priority:

Energy Performance Disclosure and Upgrade at Point of Sale

- Visible value for home energy performance
- Supporting legislation that will create a mechanism for energy disclosure at the point of listing
Ongoing Activities

1: Policy Committee
   Tracking legislation and opportunities to engage

2: Engagement Committee
   Outreach, communications, and equity

3: Embodied Carbon and Refrigerant Liaisons
   Leverage expertise from outside groups, raise awareness of current tools and guidance
Thank you!

Rachel Koller, rachel@shiftzero.org
Possible Upcoming State Legislation

- Residential stretch code
- Commercial and residential reach code
- Building benchmarking and performance standards
- Code training and education
- Green building incentives
- Natural gas energy efficiency standard
- Appliance standards
- Allocations for key capital budget funds: Clean Energy Funds, EE & Solar Grants, ultra-high efficient affordable housing, weatherization
- Other?