

Zero Energy Ready Oregon (ZERO)

A coalition promoting the adoption of zero energy building codes



AGENDA

Who is Earth Advantage?

Why was ZERO formed?

What is ZERO doing?



earthadvantage
Better Buildings Now

**Single
Family
Certification**

**Multifamily
Certification**

Training

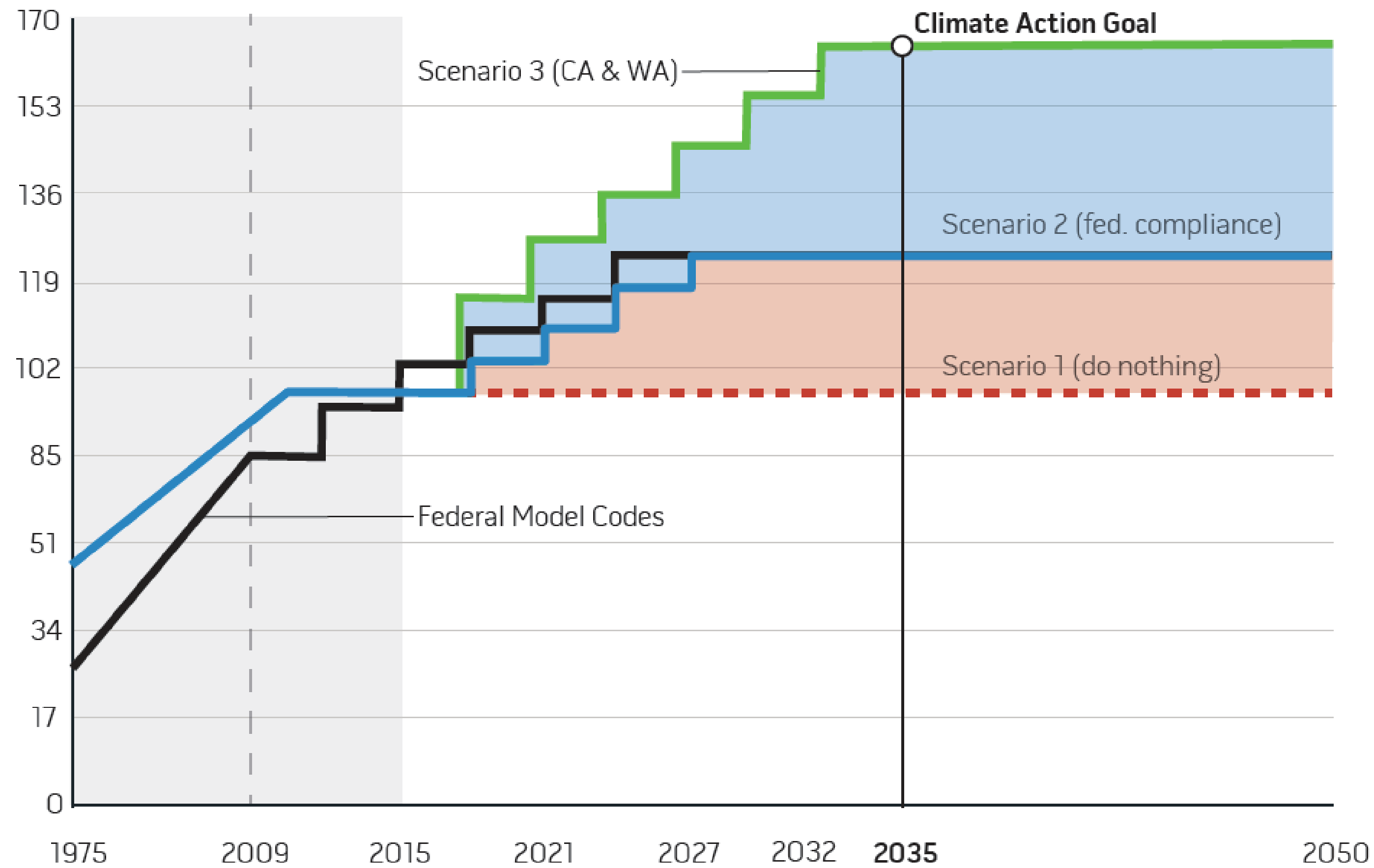
**Home
Energy
Score**

**Green
Building
Registry™**

**Energy
Codes**

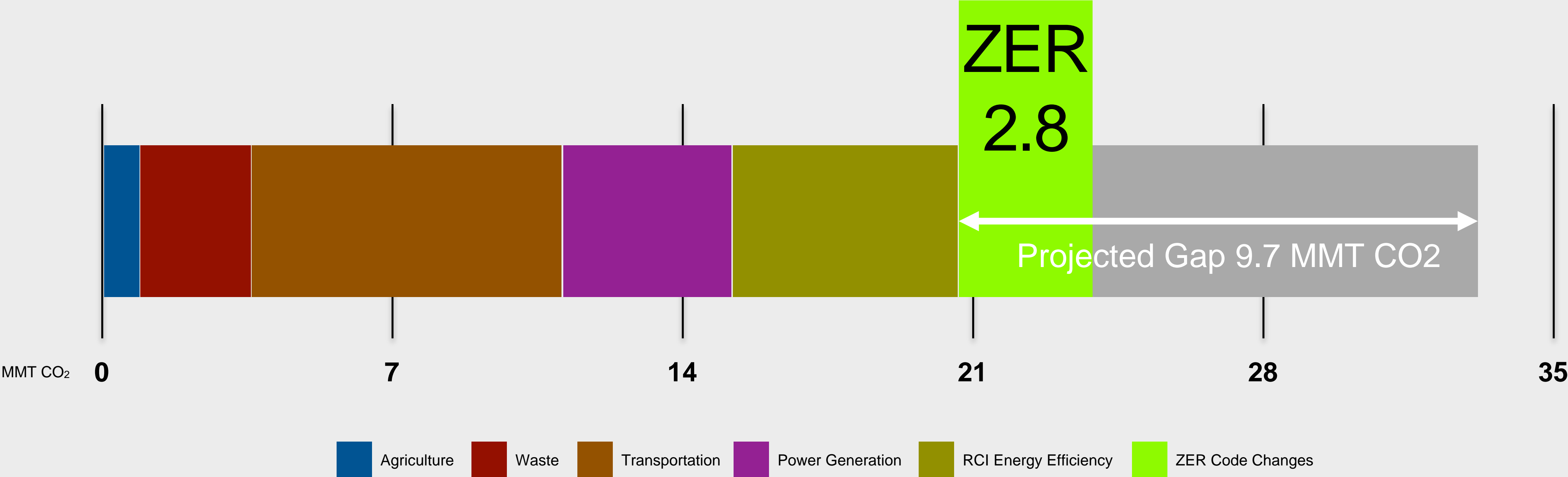


Building Code Energy Savings Projections and Opportunities in Oregon



Zero Energy Buildings & Oregon Climate Imperatives

ZE building codes help address Oregon's emissions reductions gap



Based on 2015 Oregon Global Warming Commission (OGWC) report to the Oregon legislature

Formation of ZERO: Objective

ZERO will work to create the conditions for every newly constructed or significantly renovated home or building in Oregon to be built to zero energy or zero energy ready standards by 2030.

Formation of ZERO: Approach

- Inclusive approach to participation.
- Recognize the benefit of collaboration to create greater impact.
- Proactively recruit diverse voices and perspectives - emphasize historically under represented communities.

Formation of ZERO: Definitions

Allows a variety of zero energy and zero energy ready certification standards to co-exist and coalition participate in influencing Oregon's construction industry.

Minimum Threshold Zero Energy Definition

“A home or building in which energy efficiency is maximized, the capacity to meet the building's energy needs with renewable energy sources has been enabled, and site and community based renewables are prioritized.”

FOCUS of ZERO: High Level Goals

Accelerate the adoption of policies in support of zero energy building practices

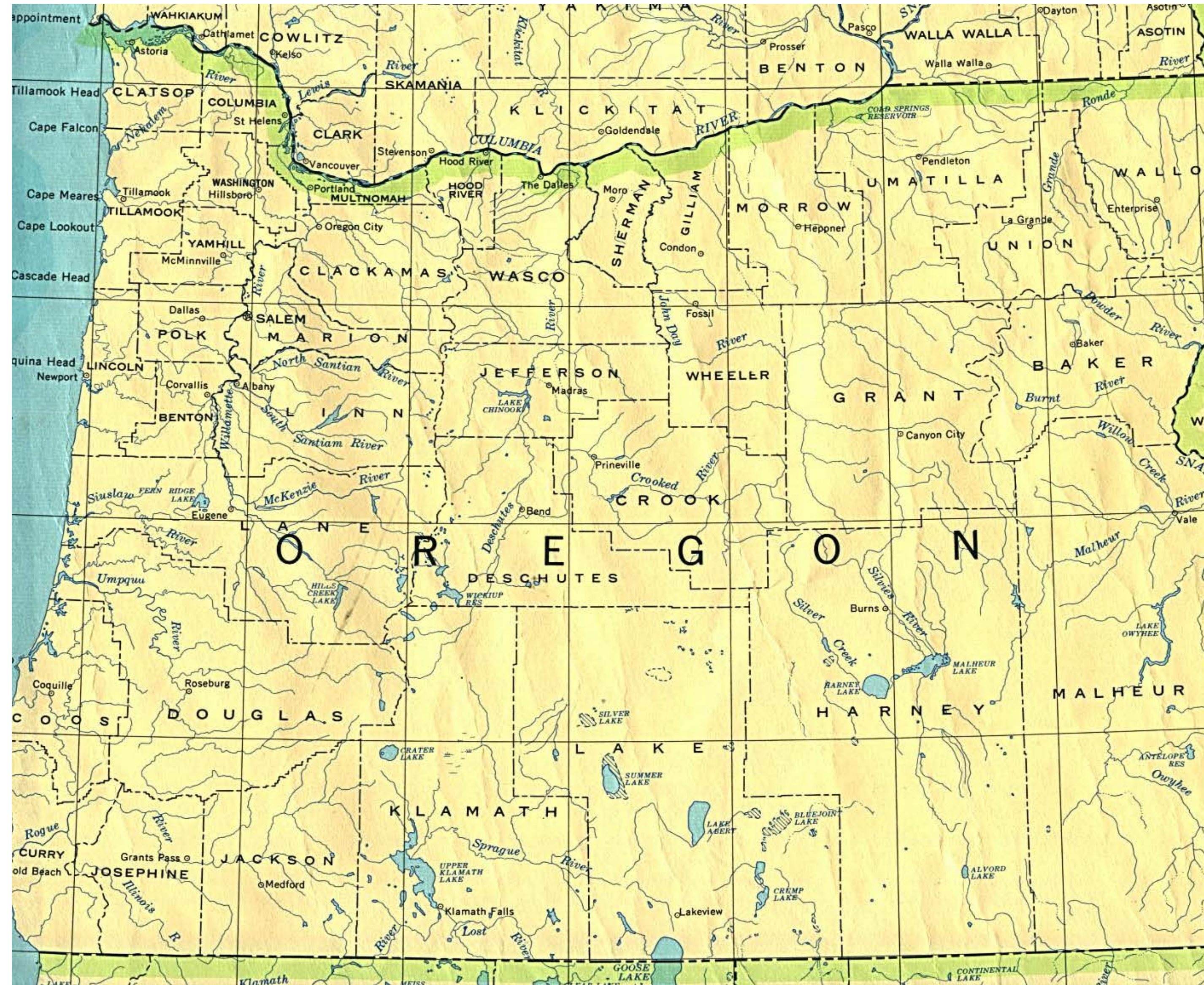
Create messaging that simplifies zero energy and instigates action

Focus on influencing local public awareness

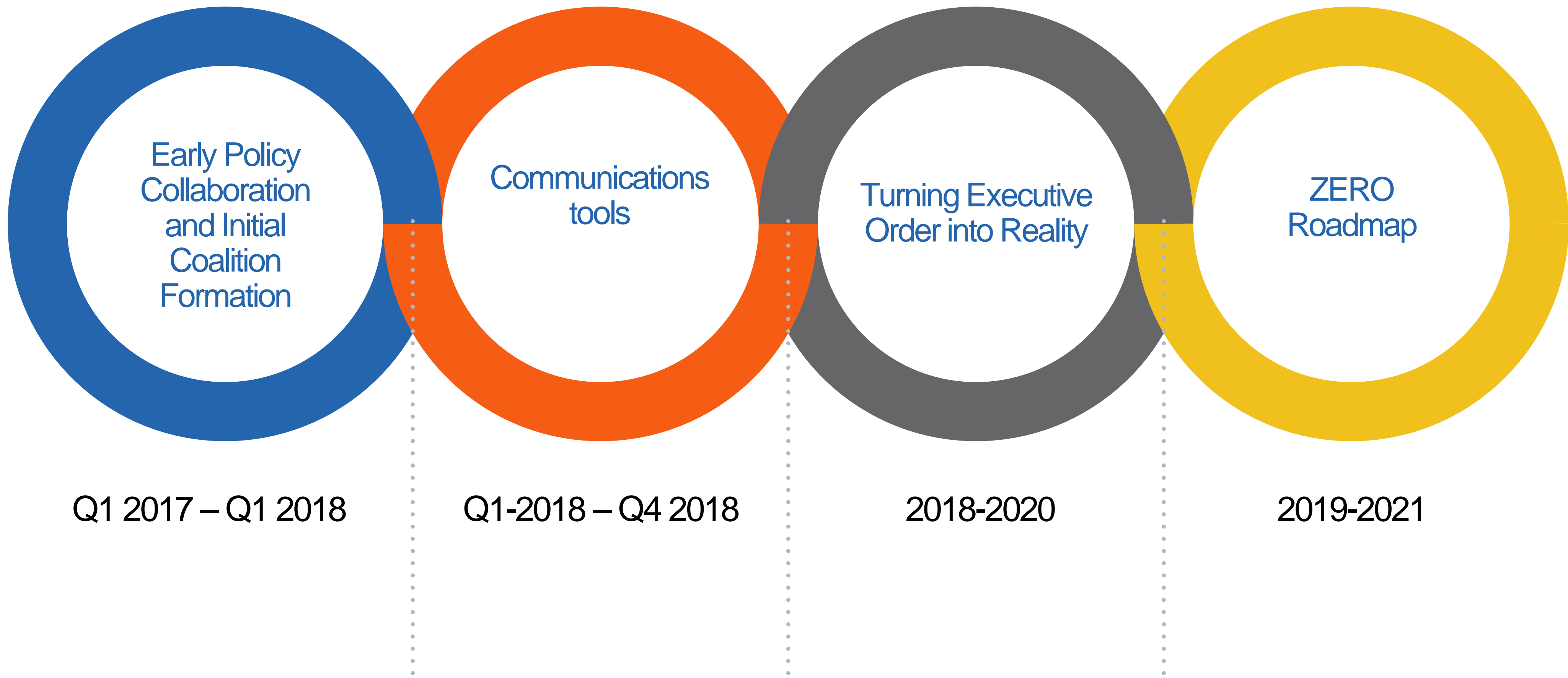


Specific Actions

- Coordinate and inform stakeholders on building code development
- Provide research, data, and analysis to code development participants
- Highlight zero energy market leadership
- Emphasize benefits to affordable housing and residents in underserved markets
- Develop unified messaging & communications

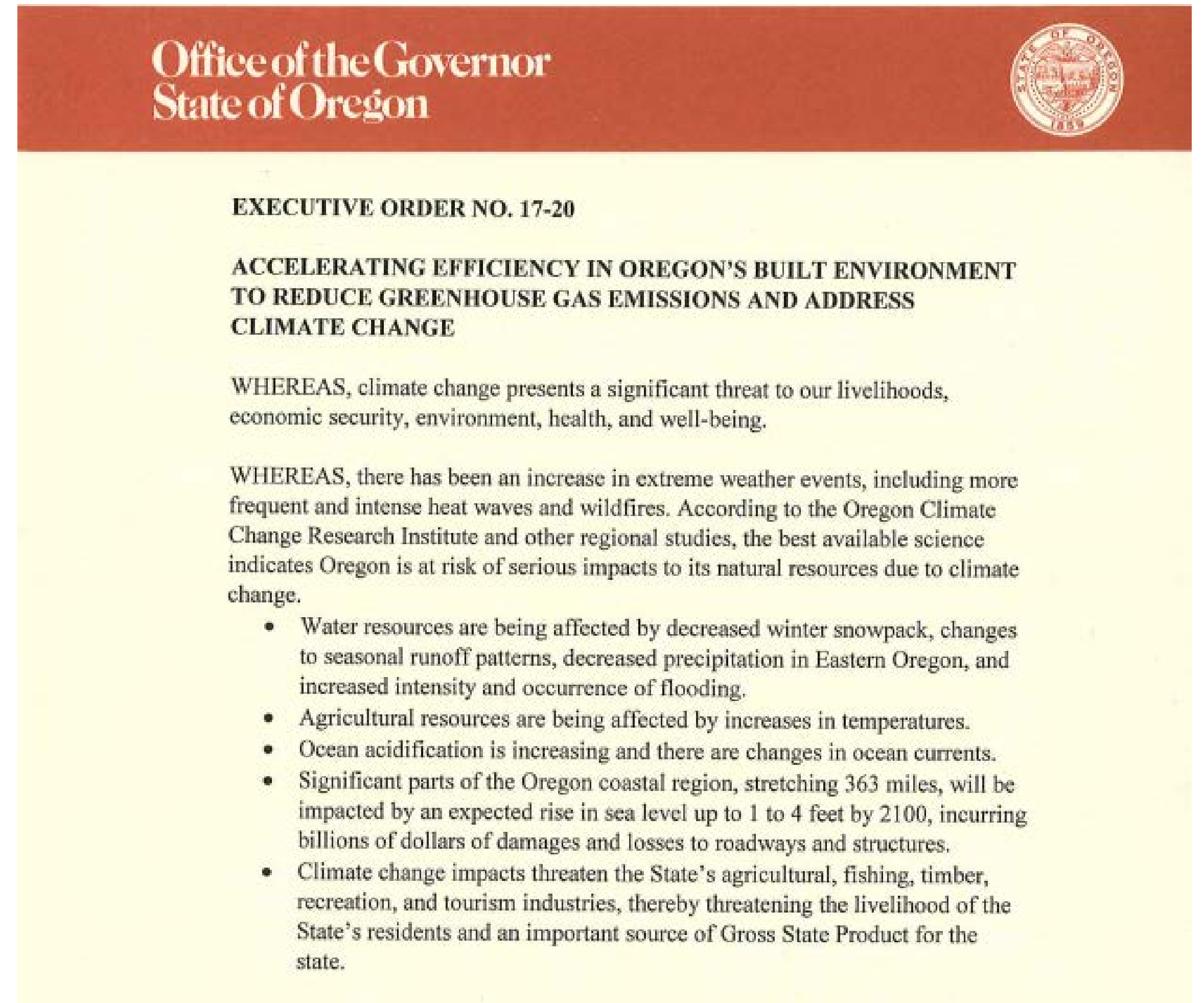


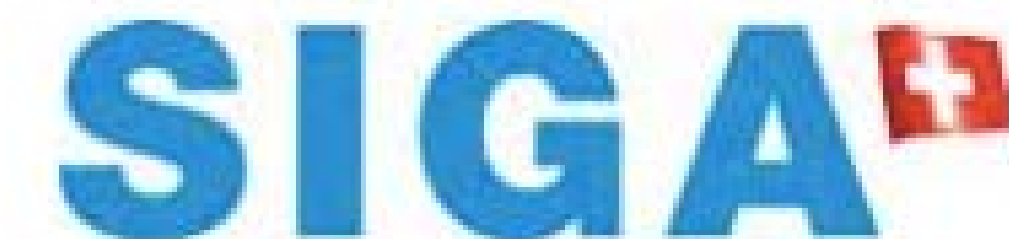
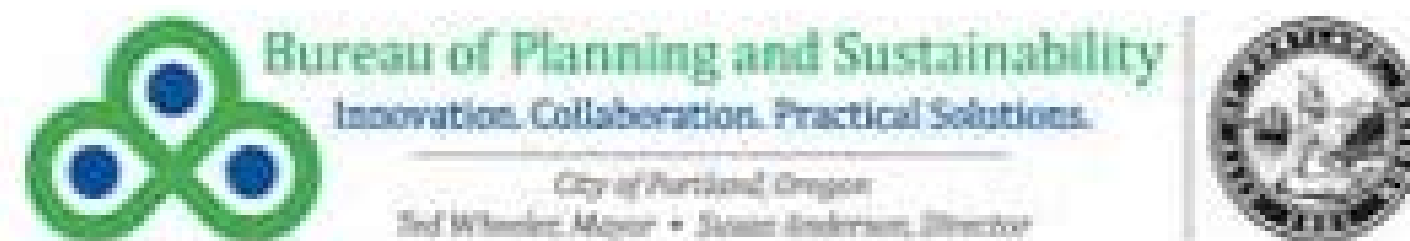
Zero Energy Ready Oregon Timeline



FOCUS of ZERO: Implementation of Executive Order 17-20

- 2018 Commercial Code Proposals
- Residential Code - define what US DOE Zero Energy Ready program standard "equivalency" means in Oregon
- Cost Analysis tool
- Support transparent and well-informed code development process
- Promote development of a new REACH code







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