

HUMBOLDT REGIONAL

Climate Action Plan



Humboldt County Board of Supervisors
Meeting of May 11, 2021



Purpose of Today's Report

- Provide a high-level introduction to the Humboldt Regional Climate Action Plan
- Update Board of Supervisors on CAP activities to date, current status, and projection of upcoming milestones

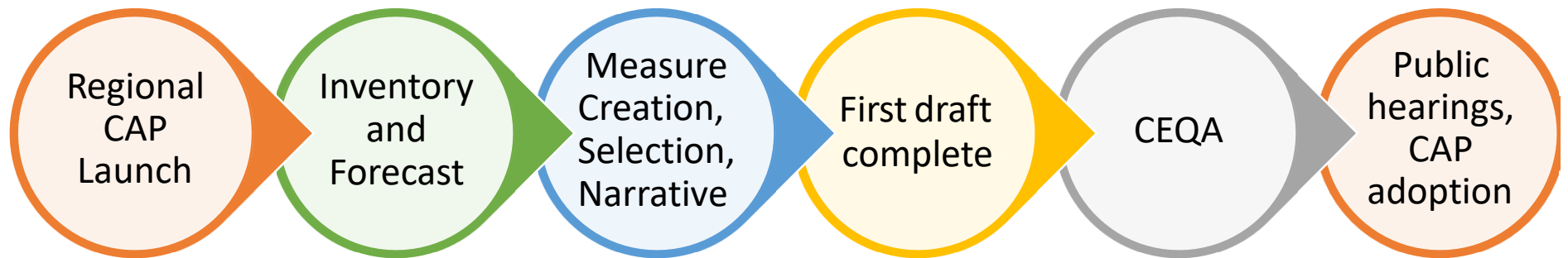
An aerial photograph of a coastal region, likely Humboldt County, California. The image shows a large bay or estuary in the center, surrounded by green hills and mountains. A coastline with waves is visible in the foreground. The text is overlaid on the image.

Project Goal

**A regional Climate Action Plan,
adopted by each jurisdiction, to reduce
greenhouse gas emissions throughout
Humboldt County**

High-Level Timeline

Fall 2018



Fall 2021



CAPS & CEQA

The State CEQA Guidelines (Section 15183.5) allow the GHG impacts of future projects to be evaluated using an adopted plan for reduction of GHG emissions, provided CAP meets several requirements:

- GHG inventory and forecast
- GHG reductions target
- Quantified GHG reductions measures
- Implementation and monitoring plan

CAPs & CEQA

| “Qualified” CAP | Non-Qualified CAP |
|--|---|
| <ul style="list-style-type: none">• Projects can “tier” off of CAP’s CEQA document for GHG analysis• Requirement to implement, monitor and update• ??? | <ul style="list-style-type: none">• No tiering of GHG analysis• No requirement to implement, monitor or update• ??? |



State GHG Targets

2020: 1990 levels (AB 32)

2030: 40% below 1990 levels
(SB 32)

2045: Statewide carbon
neutrality by 2045 (net zero;
EO B-55-18)

A photograph of a forest floor. In the foreground, a large, weathered log lies horizontally, partially covered in moss and small green plants. The background is filled with tall, slender trees, their trunks creating a vertical pattern. Sunlight filters through the canopy, creating dappled light on the forest floor.

**Recommended
Humboldt County Target**
40% below 1990 levels by 2030

2015 County-Wide Inventory



2015 County-Wide Inventory

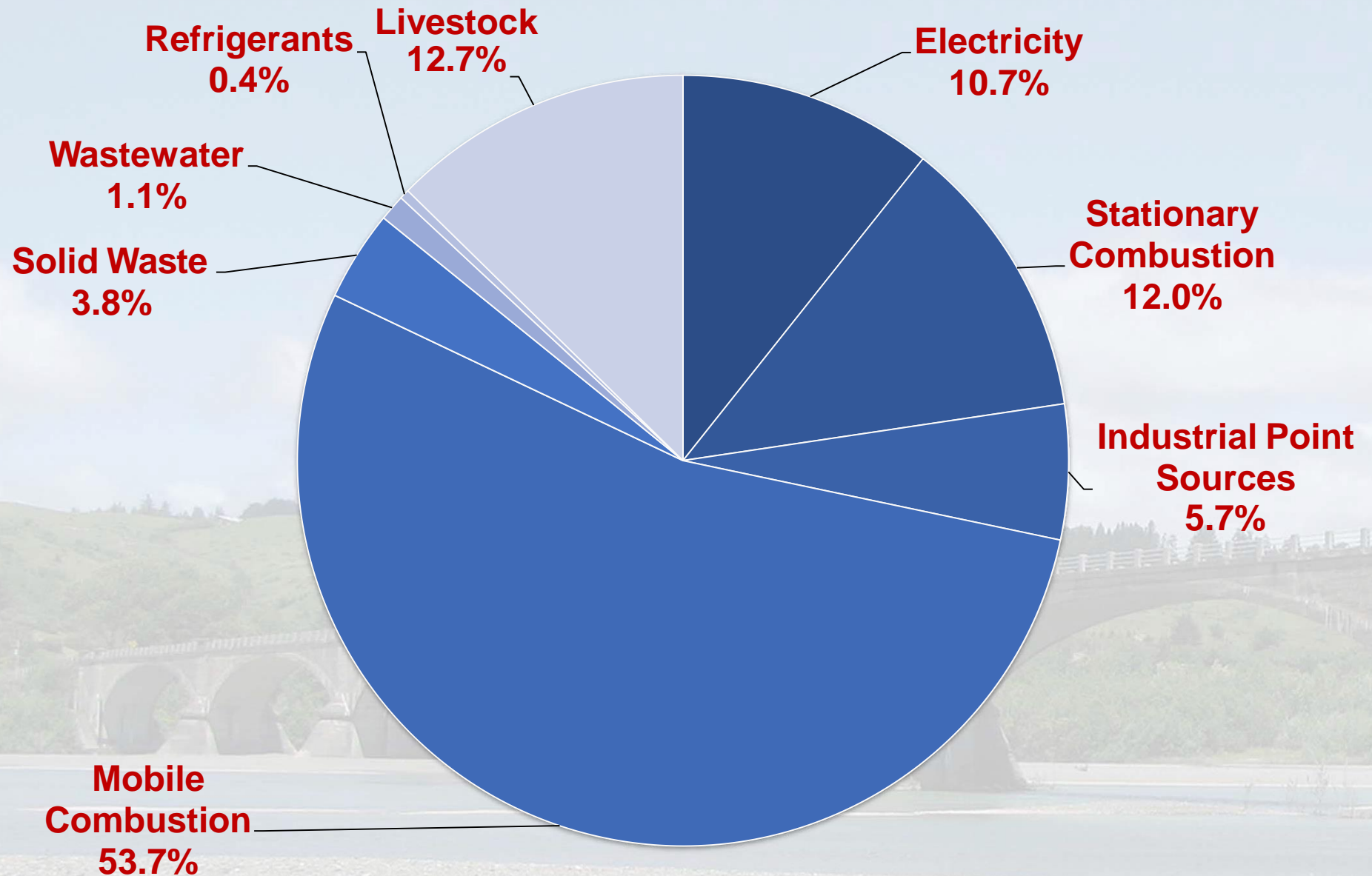
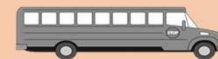
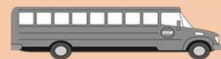


Figure 13 from draft CAP



Land Use Planning

Low-Carbon Transportation



Efficiency of Buildings and Facilities



Renewable Energy Generation



Waste Prevention, Reduction, Diversion



Carbon Sequestration

Sample GHG Reduction Measures

- Increase density of development
- Add additional bike lanes
- Promote electric vehicles
- Mode switching
- Increase use of low-carbon liquid fuels (i.e. renewable diesel for vehicles that can't be electrified)
- Switch from natural gas to electricity in buildings
- Increase energy efficiency of buildings

Sample GHG Reduction Measures

- Assist with zoning and implementation of small renewable energy development
- Support RCEA RePower Humboldt goals
- Promote forest and agricultural land stewardship
- Reduce construction and event waste
- Expand greenwaste programs

Timeline for CAP Drafting and Review

Complete measure selection spreadsheets and participate in iterative process

Jan/Feb

Review admin draft CAP and provide feedback

March/April

Feb/March

Participate in target selection meeting

May/June

Publish draft CAP, engage developers and other stakeholder groups who haven't participated in public workshops

Monthly meetings with jurisdictions

Timeline for CAP Review & Adoption

Coordinate public workshops to present draft CAP

May/June

Begin CEQA review

June/July

Jurisdictions lead local CAP adoption meetings

Nov/Dec

June

Review implementation and monitoring strategies

Nov/Dec.

Complete CEQA process

- **Monthly meetings with jurisdictions**

A large, weathered bronze statue of a fisherman stands on a rocky shore. The fisherman is depicted with a long, full beard, wearing a wide-brimmed hat and a heavy, textured jacket. He is leaning over the side of a wooden boat, holding a fishing net that is draped over the boat's edge. The background shows a calm body of water, a small white boat docked at a pier, and a cluster of buildings on the far shore under a clear sky. The entire scene is overlaid with a semi-transparent grey filter.

Thank you!