

Best Practices for Climate Action Planning, Implementation, and Tracking
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Moderator:

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Speakers:

1. Noe Adalberto Martinez-Diaz, CivicSpark Fellow, Gateway Cities Council of Governments
2. Matthew Anderson, Environment Programs, City of Emeryville
3. Michael Steinhoff, Program Director, ICLEI-Local Governments for Sustainability

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***ClearPath -Inventory Management Tool
Framework for CAP Development***

ClearPath can be used for: Inventory, sector forecasts, and Scenario Planning. ClearPath has the ability to re-visit and rebuilt the inventory. Cities across the U.S. and all over the world are using this tool. It is helpful in CAP Development. There's an ability to Clone an Inventory and Update Records. ClearPath handles the biggest interaction between carbon intensity and activity.

Forecasting: BAU predictions, baseline scenarios

- i) In the Past-Spreadsheets model was used to collect data
 - ii) Everything Scales With Population Growth
 - iii) Inventory data defines "Forecasting Series"
 - iv) Forecasting series is combination Activity & Fuel Type
 - v) Emissions Growth can be 1 factor (activity only)
- Inventory-->Forecast-->Forecast1/intensity Change--> Intensity change Only-->Reduced Activity*

Forecasting Activity Units:

- Energy in MMBtu
- Transportation in VMT-allows us to look into towards transportation planning
- Drivers of Change in Activity Data

Forecasting -Good Practice:

- Testing multiple scenarios
- Once growth rates set up, run scenarios, export results and compare in Excel
- Growth rate assumptions based on multiple year data
- Forecast helper calculator to easily project numbers to see different scenarios

After finishing your inventory you can summarize the data and generate models based on different growth rates.

Matthew Anderson, Environmental Programs, City of Emeryville

Emeryville CAP 2.0 Implementation Process Case Study

Reason for CAP update? Old Climate action Plan was not aligned with the state legislation/targets
CAP 2.0 Included: GHG reduction targets, updated GHG inventory, mitigation action plan 2030 and adaptation action plan for 2030. Bay Area Consumption based Inventory was also included in the CAP 2.0.

Creation Process

- Review of potential measures
- National, state, regional, and local plans
- Look at regional and other existing CAP plan

Outreach to the Community:

- Three public workshops
- Online Survey
- Resident's Committee

Time required? --> One year for Emeryville but it depends on each city

Monitoring Plan Timeline:

- (Req.)- Compact of Mayors
- (Req.)- Full Reports every four years
- (OPT.)- Awards & recognition incentivize yearly reporting

Lessons:

- Adaptation and mitigation sections are both necessary
- LHMP adoption
- Coordination with other city plans
- Implementation Updates

Challenges:

- Funding
- Development/Impact fees (Parking fees, planning permit surcharge, etc.)
- Waste collection fee, UUTs
- Capital Improvement Plan allocations
- Managerial Support- multiple levels, recognition rather than requirement
- Staff time prioritizing by impact, Council direction, and economic viability

Noe Adalberto Martinez-Diaz, CivicSpark Fellow, Gateway Cities Council of Governments

Energy and Climate Action Planning with the Gateway Cities

- Providing support to the energy partnership, and support for Council of Gateway Cities

- Energy Leadership partnership helps cities with energy efficiency projects, technical support and the framework.
- Gateway cities received grant to build the framework for CAP
- Energy Leadership Partnership

Learning lesson: be creative in your involvement, some cities don't have the budget - Putting the information for resources together is critical

Gateway South East LA Region

- Linguistic isolation, low employment rates, poverty-looking at these lots of funding does not go to these communities. Funding is focused towards the cities that are already ahead in planning for Climate Change.
- Framework as a group for the Gateways cities is an important pathway to have these cities implement critical measures to fight with climate change.
- Collaboration between these cities becomes very important.

Q&A

Q for Noe Adalberto Martinez-Diaz: For the gateways cities is there an individual CAP or it's a group template?

A: IT's a framework that cities can use if they are interested in adopting CAP.

Q for Matthew: What top 5% measures Emeryville is taking as a whole community?

A: Transportation-Looking into EVs

Q for Matthew: How to you integrate LHMP to CAP 2.0? Are other Plans referenced?

A: Concurrent, LHMP is not adopted yet. LHMP is adding sections that are not part of the CAP. Working with different departments of the municipality. None of the other plans are updated, but CAP does reference other plans like, bike pad plan. Implementation is considered a living document, so instead of keeping on updating the plan itself we can go to the City manager with the update.

Q for Michael: If your city has purchased 100% renewable energy, than what are the attributes to emissions accounting protocol?

A: You have to use grid numbers, reason for that is that we want to look at the entire region and see how we can impact a larger change, and to be in the "trend" with the major market move.

