Sustainability Task Force
Ad-hoc Committee

A sub-committee of the Sustainability Task Force
Vice Mayor Schwab, Chair

Meeting of October 20, 2008 – 3:00 p.m. to 5:00 p.m.

Council Chamber Building, 421 Main Street, Conference Room No. 1

AGENDA

1. **Discussion on the Task Force's Presentation at the "This Way to Sustainability IV" Conference**

    CSU, Chico, the Associated Students of CSUC, Butte College, and the Associated Students of Butte College will be hosting the "This Way to Sustainability IV" Conference at California State University, Chico Campus November 6-9, 2008. The Task Force has been asked to present a session at 1:30 p.m. on Thursday, November 6, 2008 at the conference and the Ad-Hoc Committee will discuss what to present at the meeting.

2. Reports and Communications -

    a. ICLEI request of City to beta test new web-based Climate and Air Pollution Planning Assistance (CAPPA) software (more information is attached).

3. **Business from the Floor –** Members of the public may address the Committee at this time on any matter not already listed on the agenda, with comments being limited to three minutes. The Committee cannot take any action at this meeting on requests made under this section of the agenda.

4. **Adjournment** – The meeting will adjourn no later than 5:00 p.m.

Members:

Jason Bougie	Tom DiGiovanni	Chris Giampaoli	Ken Grossman
Amelia Gulling	Jon Luvaas	Dr. Scott G. McNall	Jim Pushnik
Tami Ritter	Ann Schwab, Chair	Jim Stevens	Scott Wolf
Julian Zener			

2008 This Way to Sustainability IV Conference Information

Hosted by CSU, Chico, The Associated Students of CSU, Chico, Butte College and The Associated Students of Butte College ~ at California State University, Chico Campus.

- **Featured keynotes;** please click here
- **Conference speakers;** please click here
- **Conference program;** Thursday, Friday, Saturday

Register Now!

- **We are accepting applications for exhibitors until October 13;** please click here
- **Become a sponsor;** please click here
- **Highlights from last year's conference;** please click here
- **Students volunteer here**

Purpose: The conference provides a forum to discuss issues that are relevant to our region, our community, and our faculty, staff, and students. We seek to develop common ground to help build a sustainable society; one that balances economic, environmental and social needs. We have an exciting list of keynote speakers and plenary sessions. We seek your ideas and proposals for workshops, seminars, posters, and facilitated discussions on these major themes:

- Taking Action: Policy actions by municipalities, counties, as well as community and campus-based groups.
- Food and Agriculture: Nutrition, organic agriculture, maintaining the viability of the family farm, protecting farmland.
- The Green Economy: Preparing yourself and retooling for the green economy, investing in the green economy, certifying your business as green, and managing for sustainability.
- Sustainable Solutions: Future technologies in building, transportation, and energy production.
- Cultural, Ethical, and Spiritual Issues: Stewardship and religion, cultural differences, nature as a refuge.
- Teaching Sustainability: K-12, college, fostering sustainable behavior, changing behavior on campus and in the community.
- Images of the Natural World: Art, music, poetry.

CAPPA Decision Support Tool

Climate and Air Pollution Planning Assistant

ICLEI will launch the Climate and Air Pollution Planning Assistant (CAPPA) tool in winter/spring 2009 to assist local government leaders in developing customized plans for reducing climate and local air pollution. CAPPA's support will be based on the collective advice of local governments throughout the ICLEI network. The tool will be publicly available in both a web interface and downloadable Excel edition, and will greatly speed the development and adoption of climate action plans and, fostering faster, prioritized implementation of emissions reducing actions.

Update: Users Needed for Web CAPPA Beta Launch!

ICLEI is excited to announce a beta launch of the web-based version of CAPPA. The beta test will began on October 15 with 40 local government participants. ICLEI members wishing to participate should email cappa@iclei.org. >> Learn More

What CAPPA Provides

CAPPA provides a comprehensive, customizable and expandable library of emissions reduction strategies relevant for local government audiences, as well as decision support capability to assist local government users in identifying strategies for inclusion in their own emissions reduction plans. CAPPA will be available to local governments in both online and downloadable Excel formats.

CAPPA provides information and quantification tools for over 100 distinct emissions reduction strategies. Default assumptions regarding average degree of implementation and resulting performance of each strategy are based on real-world data from other U.S. communities and a variety of expert sources.

How to Use CAPPA

Browse the Library
There are two ways to use CAPPA: browse a library of emissions reduction strategies, or develop a customized emissions reduction plan.

Browse the Library
Users may browse through the library of emissions reduction strategies to explore a specific strategy of interest. Each strategy is featured on a unique page within the library containing a description of the strategy; links to resources and examples of implementation by other communities; calculators enabling analysis of emissions reduction potential, costs and benefits; and information on how the strategy tends to perform from the perspective of several key decision criteria.

Develop a Plan
Users may also develop a customized emissions reduction plan focused on either government operations or the community as a whole. This plan can be optimized around any of six pollutants (greenhouse gases, NOx, SOx, CO, VOCs, PM10). The user is able to enter emissions inventory and target data, customize assumptions regarding potential degree of implementation and expected performance of each strategy if applied locally, express the degree to which several decision criteria are

valued, and generate a custom list of potential emissions reduction strategies drawing from these inputs and the tool's assumptions about the performance of each strategy.

CAPPA Starting Point

CAPPA is designed to assist with the identification and analysis of near and medium term emissions reduction strategies. It is intended to provide a starting point for selecting strategies to include in a government operations or community-scale reduction plan. It is not intended to replace a more complex analysis utilizing more detailed emissions source data and advanced models needed for estimating costs and benefits associated with complex strategies (e.g., whole-building energy retrofits and land use/transit planning decisions).

All results from CAPPA should be vetted and analyzed appropriately before adoption as an emissions reduction plan. All default assumptions contained in this tool regarding the degree of implementation, costs and resource impacts, and performance factors for each strategy should be customized to the user's local circumstances.

Version 1.0 of CAPPA will be released in winter/spring 2009.

ICLEI is proud to announce the winners of its Decision Support Tool Challenge!

The following local governments received free registration to the 2008 ICLEI Local Action Summit for submitting surveys that detailed 10 or more greenhouse gas reduction measures:

- Charlottesville, VA
- Hillsborough County, FL
- Las Vegas, NV
- Nashua, NH

- Whatcom County, WA

Local governments were asked to tell us about their experiences implementing greenhouse gas reduction measures. The collected information will be included in the Decision Support Tool database, which will assist local governments in creating their local climate action plans. Along with free registration, ICLEI recognizes Charlottesville, Hillsborough County, Las Vegas, Nashua and Whatcom County as Core Research Partners of the Decision Support Tool. Their contribution will be noted within the tool upon its release. The data provided by each Core Research Partner will make the tool more robust and effective for all ICLEI members.

If you did not have a chance to submit a survey in 2007, click here to contribute data on local climate action measures that will be included in future versions of the Decision Support Tool.

CAPPA Log-in

CAPPA Beta Launch: Local Government Users Needed

October 1, 2008

ICLEI is excited to announce a beta launch of the web-based version of the Climate and Air Pollution Planning Assistant (CAPPA). The beta test will began on October 15 with 40 local government participants. There are a limited number of spots to access the beta version of Web CAPPA.

ICLEI members wishing to participate should e-mail cappa@iclei.org.

Please include the name of your local government and the name, title, e-mail address, and telephone number of the person(s) who will be using the tool.

More About Web CAPPA

Web CAPPA is based on the Preview Edition of Excel CAPPA that was released in June of this year. Web CAPPA is built in the Salesforce.com platform, which connects it directly to ICLEI's internal database and the ICLEI-USA website. In the future this will allow users to have the option to publish data directly to the web, share data and collaborate in the creation of regional climate action plans, receive real-time updates on strategies as CAPPA is updated, and contribute data on completed measures directly to the ICLEI database.

Overview of the Beta Launch

- Participation in the beta test will be on a first-come, first-serve basis.
- Members who are not included in the group of 40 local government beta testers of web CAPPA can request to receive a copy of the Excel Preview Edition.
- The beta test will run from October 15 through January 15, 2009.
- A webinar to introduce users to the tool will be given on Tuesday, October 21.
- In order to make sure we learn from the beta test and gather information that can be used to make CAPPA better, we ask that local governments only volunteer if they have the time to put the tool through its paces during the test period.
- At the conclusion of the test period, feedback on web CAPPA will be collected through online surveys and phone calls.

On the Horizon

At the conclusion of the beta test of Web CAPPA, ICLEI will be making a final round of updates before releasing version 1.0 of the tool. All ICLEI members can expect to be able to begin accessing web CAPPA in spring 2009.

ICLEI is continuing to work with the U.S. EPA to ready Excel CAPPA for its version 1.0 release. Based on feedback that we have received from users of the Preview Edition we will be making modifications to some of the individual strategy calculators, improving the user interface, and updating some of the emission coefficients. The official release of Excel CAPPA will happen in winter/spring 2009.

Why Two Platforms?

By now you will have noticed that ICLEI has developed an Excel and a web based version of CAPPA. Each platform has its strengths, which are described below.

Excel CAPPA
The release of an Excel version of CAPPA enabled ICLEI to bring the tool to an initial group of beta users in a timely manner
ICLEI staff and users alike can quickly and easily update and customize Excel CAPPA because it is in a platform that many are familiar with

Web CAPPA
Web CAPPA is built in the Salesforce.com environment, which connects the tool directly to ICLEI-USA's internal database and website. Many additional features are possible for CAPPA in a web environment. ICLEI has designed web CAPPA such that in the future users will be able to:

- Publish data directly to the web
- Share data and collaborate in the creation of regional climate action plans
- Access state or regionally specific versions of CAPPA. A California version of Web CAPPA will be developed in 2009.
- Receive real-time updates on strategies and upgrades to the tool as ICLEI makes changes to CAPPA
- Contribute data on completed measures directly to the ICLEI database

At the time of the version 1.0 launches of Web CAPPA and Excel CAPPA, the informational content of the two platforms will be nearly identical. As additional features of Web CAPPA are enabled, the two tools will begin to diverge.

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