

## SUSTAINABLE TRANSPORTATION FORUM

WHEN: April 11, 2016

TIME: 8:00 A.M. – 11:30 A.M.

WHERE: Interisland Terminal Conference Center  
300 Rodgers Boulevard  
7<sup>th</sup> Floor of the Interisland Terminal or  
top level of the Interisland Parking Garage  
Honolulu, HI 96819

WE ENCOURAGE CARPOOLING & SUSTAINABLE MODES OF TRANSPORTATION ☺

### AGENDA

8:00 A.M. REGISTRATION – [32 in attendance](#)

8:15 A.M. WELCOME & INTRODUCTIONS

8:30 A.M. UPDATES –

[Director Fuchigami articulated what Sustainable Transportation means to him. This would include energy savings such as in photovoltaic and lighting. Water conservation such as with water scalping, which is being implemented at all division of the DOT in reference to Chapter 36-41, HRS. As such he seeks your assistance to invite others who have an expertise in these areas.](#)

[http://www.capitol.hawaii.gov/hrscurrent/Vol01\\_Ch0001-0042F/HRS0036/HRS\\_0036-0041.htm](http://www.capitol.hawaii.gov/hrscurrent/Vol01_Ch0001-0042F/HRS0036/HRS_0036-0041.htm)

#### 1. TRANSPORTATION ALTERNATIVES PROGRAM (TAP)

- Hawaii Department of Transportation (DOT) –  
[Deputy Director Sniffen, named Blayne Nikaido as the DOT TAP coordinator and that \\$2.9 million has been obligated which is a sufficient amount of projects for this year. A question was raised if a TAP timeline could be provided once a project was selected and Mr. Sniffen said he would get back to the forum.](#)
- Oahu Metropolitan Planning Organization (OahuMPO)-  
[Randolph Sykes named Amy Ford Wagner and Chris Clarke as new hires. OahuMPO is also recruiting for a TAP Coordinator. He also noted that Oahu MPO will be meeting on April 13, 2016 to discuss long range TAP and work plan.](#)

#### 2. DEPARTMENT UPDATES & NEW HIRES

- DOT – Bicycle Coordinator, TAP Coordinator, Definition of “Sustainable Transportation”-  
[Deputy Director Sniffen seeks a planner to be the Bicycle Coordinator and has about a month before selecting this position. See notes above re: TAP coordinator and definition of Sustainable Transportation.](#)
- DBEDT- Hawaii State Energy Office-

Veronica Rocha - Renewable Energy Branch Manager, Hawaii State Energy Office (HSEO) - is in the process of recruiting an Energy Analyst to help facilitate the implementation of the Hawaii Clean Energy Initiative (HCEI) Transportation Energy Analysis Report tactics. She is hoping the new hire will be on board by July 2016.

Regarding the 22 primary tactics identified in the (HCEI) Transportation Energy Analysis Report, we plan to contact select stakeholders and begin discussions with partners who are interested in getting involved and or helping to lead on the implementation of the tactics. We expect to do begin these conversations by the end of May. We had intended to start this effort earlier but were delayed due to legislative session commitments. Also, we are not going to start with all 22 primary tactics identified in the report. Instead, we will pursue the implementation of the tactics in a phased approach starting with vehicle miles traveled (VMT) and electric vehicle (EV).

Breanna Rose outlined the 6 goals of the Aloha + Challenge dashboard: 1. Clean Energy Transformation, 2. Solid Waste Reduction, 3. Natural Resource Management 4. Local Food Production and Consumption 5. Smart Sustainable Communities 6. Green Workforce and Education. She also shared information about the International Union for Conservation of Nature (IUCN) World Conservation Congress on Sep 1-10, 2016. <https://dashboard.hawaii.gov/aloha-challenge>

- OahuMPO- See notes above.

### 3. LEGISLATIVE

- DOT- Highway Fund-  
Director Fuchigami thanked those who supported S.B. 2938 to address the needs of the Highway Fund which is now being considered in H.B. 2086 which appropriates \$37,000,000 in general funds to the state highway fund. While this was Blue Planets, Mode Share Planning bill which the DOT supported. Blue Planet recognizes the importance of addressing the needs of the Highway Fund. Participants suggested:
  1. To better explain what's in it for us.
  2. Include factors of inflation into the bill.
  3. Taking it out of the hands of elected officials by formulating automatic increases to the fund.
- DBEDT- Legislative update  
Margaret Larson, Energy Analyst, HSEO provided updates on clean transportation related legislation which HSEO submitted testimony on and engaged in dialogue and education regarding *but not limited to*; H.B. 2221/S.B. 2515 Electric Vehicle (EV) legislation, proposing to add penalties/fines and enforcement to EV parking requirement, and H.B. 2239/S.B. 2950 which authorizes the public benefits fee to be used to install and upgrade electric power infrastructure to facilitate the use of EVs- this legislation was a recommendation which came from the Act 164 EV Charging Multi-Unit Dwelling (MUD) Working

Group. Act 164, 2015 established a Working Group within the Department of Business, Economic Development, and Tourism, to: (1) Address the installation of EV charging systems at MUDs; (2) Examine the issues regarding requests to MUDs for the installation of EV charging systems; and (3) Report findings and recommendations, including any proposed legislation, to the Legislature. The final report can be found, <http://files.hawaii.gov/dbedt/annuals/2015/2015-act-164-installation-of-ev-charging-stations.pdf>, and HB2080 to expand the definition of EV to include fuel cell vehicle. HSEO also submitted testimony and had fruitful discussions with stakeholders regarding the consideration and approach to setting clean transportation goals per HB 2085/SCR 144.

- Blue Planet – Modes of Transport  
Shem Lawlor, continued to promote the use of alternative modes of transportation and reduce Hawaii's dependence on fossil fuels for its transportation and hopes the Legislature will address both Mode Share Planning and the Highway Fund in H.B. 2086.
- Other(s)- Opportunity for participants to discuss other legislative matters

#### 9:30 A.M. PARTICIPANT FORUM UPDATES

- Biodiesel Update by Pacific Biodiesel by Kelly King  
Provided an update on S.B. 2652 which establishes a five-year renewable fuels production tax credit applicable to taxable years beginning after 12/31/2016. Repeals the ethanol facility tax credit. Repeals the renewable fuels production tax credit on 12/31/2021. Establishes an organic foods production tax credit applicable to taxable years beginning after December 31, 2016. This bill is now in conference committee. She also spoke about the food fuel model at Waiwa and fuel capacity with Hawaiian Electric Company (HECO).
- Bike/Pedestrian Funding Action Plan Summary by Daniel Alexander  
Spoke about working with the DOT and other partners to increase pedestrian and bicycle funding and maximizing TAP resources.
- Renewable Energy Action Coalition of Hawaii's Planning Process Oriented to a Goal of 100% Renewable Energy for Transportation by Erik Kvam  
Provided an overview of his presentation which was enclosed in our previous email on April 8, 2016, that a holistic plan to reach Hawaii's energy goals requires consensus. He identified 3 decision makers:
  1. Electric utility and customer
  2. Transportation agency and taxpayer
  3. Private business and customer

Various Participants raised concerns and suggested to amend/provide a disclaimer to Erik's model and as a result, an amended presentation is attached for your information.

Director Fuchigami appreciated Erik's foresight and informed participants that the State aims to lead the way despite the financial cost of leading by example.

Chris Yunker, DBEDT said, HSEO is developing a model to analyze Hawaii's energy eco-system and the interdependencies between energy sectors such as transportation and electric sector to better inform policy and near term actions that support a roadmap towards energy independence.

PARTICIPANT FORUM FOLLOW-UP DISCUSSION RE: GOALS BRAINSTORMS & NEXT STEPS? [See attached photo of the poster board notes.](#)

The Forum briefly discussed the items below:

### **Sustainable Transportation Forum Goals Brainstorm (from January 8, 2016):**

#### **Short-Term Goals:**

1. Set statewide goals
2. Educate the public on changes (ongoing)
3. Elevate safety and health as a priority
4. Set mode goals

#### **Mid-Term Goals:**

1. Performance measures to pick projects (from goals)
2. Integrate tourism into the transportation plan
3. Set mode-shift strategy and measures

#### **Long-Term Goals:**

1. Move from car movement to people movement
2. Annually track progress on projects/program
3. Shift from SOV to active transportation
4. Coordinate land use and transportation
5. Better county and state coordination

#### *Parked:*

1. Bus role in renewable goal
2. Coordinating renewable fuel production for public vehicles

### **Follow-up Survey Question via email:**

*"If the state is putting together a set of statewide goals (not HIDOT specific goals, but overall ground/marine/aviation transportation goals) – what are the top two goals you think should be included?"*

- Mode shift / Mode Shift / Mode share targets / Develop mode shift plans to attain zero growth in VMT from current levels by 2025 / Set Mode Goals / Set mode-shift strategy and measures / Shift from single occupant vehicle.
- Holistic sustainability (versus looking at vehicles/fuels or even transportation in its own silo) - e.g. the ability of EVs/Fuel Cell Electric Vehicles etc. to provide grid services such as energy storage.
- People served / trip efficiency (enabling more trips for more reasons, but over shorter distances / less time)

- Integrating land-use into all decision-making
- *80% reduction in GHG emissions by 2050 compared to 1990 levels*
- Explanation: IPCC data states that keeping below a 2c global increase in temperature will require approximately 40-70% global reduction in GHG by 2050. It is well understood and accepted that developed Countries should achieve these levels sooner. Many cities (and a few States) around the US & developed world have begun to target the 80% goal and have made substantial progress.
- Decreasing dependence on oil in air transportation (i.e. explore ferries between islands).
- Benchmarks for reduction in fossil fuel use for ground/marine transportation
- Supporting and prioritizing *locally* produced renewable fuels that provide jobs, energy security and other economic benefits to Hawaii
- Fossil fuel / energy efficiency targets
- Eliminating dependence on imported fuel for public vehicle fleets
- This requires data gathering for baseline assessment and needs and procurement analysis for vehicle typologies (police, fire, etc).

**Survey Respondents:** Ed Noma, Ben Trevino, Ben Sullivan, Kelly and Bob King, Asia Yeary, Aki Marceau and JoAnn Yukimura

During the discussion, the following events were highlighted:

1. VERGE, Asia Pacific Clean Energy Summit, June 21-23, 2016  
For more: <https://www.greenbiz.com/events/verge/honolulu/2016>
2. IUCN, World Conservation Congress, September 1-10, 2016  
For more: <https://hawaii.iucnworldconservationcongress.org/>

Participants divided into 4 groups to discuss who else should be included in the Forum. While there were several suggestion, the top three from each group are listed below:

GROUP A Identified: Sierra Club, Hawaii Transportation Association and HECO.

GROUP B Identified: Complete Streets working group, Expert in Water Reclamation and Experts in public / private financing for implementation.

GROUP C Identified: Military Affairs Council, Outdoor Circle, Airlines and Maritime Transportation.

GROUP D Identified: Office of Planning, City and County Department of Planning and Permitting, and HECO.

11:30 A.M. -END

Next meeting to be determined sometime around the VERGE event.