

# Hillsboro Sustainability Task Force Meeting Summary

June 18, 2019, 2:00 - 5:00 PM

## Intel Ronler Acres/RA2 Campus

2501 NE Century Blvd., Hillsboro, OR 97124

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Attendees: Hugo Hamblin-Agosto, David McIlroy, Linda Everett, Tom Arnold, Jason Robertson, Heather Robinson, Mac Martin, Steve Callaway, Kristel Griffith, Jeff Pazdalski, Anthony Martin, Fawn Bergen, Nina Carlson, Kya Dillon, Troy Gagliano, Bob Grover, Adam Haslam, Mia Hocking, Makena Krause, Dacia Bakkum.

Absent: Carol Brown, Laura Schaefer, Ryan Stee, Emily McBroom.

Guests: Anisha Ladha, Carly Riter, Anthony Roy, Roger Kainu

## Summary

### Welcome

Task Force Chair, Heather Robinson, welcomed the group and asked for a round of introductions.

### Intel Presentation + Tour

A big thank you to Fawn Bergen and Anisha Ladha for hosting the meeting!

Fawn and Anisha shared information about Intel's environmental sustainability goals and provide a tour of Intel's cafeteria, waste collection area, and new EV chargers. Below is some of the information that was shared.

- Intel's first Oregon campus opened in 1974 in Aloha and has been here for 45 years
- Intel is the largest private employer in Oregon
- With more than 20,000 employees, Ronler Acres effectively functions as a city within a city
- Intel has spent more than \$40B in capital investments and has donated \$44.5M to schools and area nonprofits
- Since 2014, Intel employees and retirees have contributed 1.6 M volunteer hours
- 50,000 employees have donated time globally
- In Oregon alone, 10,000 employees have donated 330,000 volunteer hours and \$2.3M to charities
- Intel also supports programs like "She Will Connect" to help more girls connect to STEM learning opportunities and tech employment (which resulted in a 400% increase in STEM enrollments for girls in the company's Oakland pilot project)
- Intel had a banner year in 2018, generating \$70.8B in revenue

- The company has expanded beyond microchips into areas such as autonomous driving, 5G networks, artificial intelligence and virtual worlds
- Intel currently uses 71% renewable energy across all its global operational sites (100% in the US and EU and 25% in Israel) and is the largest green power purchaser in Oregon
- The Ronler Acres campus hosts approximately 5 acres of wetlands, trails, gardens and native species
- Since 2008, Intel has recycled 75% of its waste products
- Intel offers recycled coffee grounds for use in personal composting
- Intel has made efforts to reduce dining waste such as sourcing “imperfect produce” for meal prep; replacing one-time use dishware with reusable dishware and setting up dishware return stations throughout the offices; donating leftover edible food and tracking food prep waste. The company influences supply chains by demanding conflict-free mineral sourcing and bondage-free labor
- The company has returned more than \$14M in fees to workers who paid that money to other parties to secure employment
- Intel is participating in four water restoration projects (Wapato Lake, Bowers Rock Side Channel, Horseshoe Lake, and Middle Deschutes) in Oregon (2 are complete and 2 are in progress) and will be starting a fifth project soon
- Intel’s 2020 environment goals include:
  - Reduce direct greenhouse gas emissions by 10 percent on a per unit basis by 2020 from 2010 levels
  - Design all new buildings to a minimum LEED Gold Certification between 2010 and 2020 (the new building in India is certified LEED Platinum; D1X in Hillsboro is LEED Gold; 17.4 million square feet in 48 buildings are LEED certified – about 26% of all space Intel operates in)
  - Increase the energy efficiency of notebook computers and data center products 25% by 2020 from 2010 levels
  - Reduce energy use by 4 billion kWh between 2012 and 2020
  - Zero hazardous waste to landfill by 2020
  - Achieve a 90% recycled rate for non-hazardous waste (achieved 2 years early)
  - Achieve 100% green chemical screening
  - Restore 100% global water use by 2025 (currently restoring about 80%)

For more information visit [exploreintel.com](http://exploreintel.com), [intel.com/responsibility](http://intel.com/responsibility), and [intel.com/water](http://intel.com/water).

### **Energy Spotlight: Home Energy Score Update**

Anthony Roy with Earth Advantage and Roger Kainu with the Oregon Department of Energy (ODOE) shared information about the Portland’s Home Energy Score (HES) program and some background on ODOE’s early involvement.

- Oregon’s energy code is the highest in the country
- In 2009, ODOE facilitated a task force to research scoring systems and create administrative rules for a mandatory or voluntary scoring method; the task force chose a voluntary scoring method and requires the use of USDOE approved software

- In 2013, legislation directed the creation of licensing for energy assessors; ODOE is directed to adopt by rule a home energy performance scoring system; ODOE created a stakeholder panel after rulemaking allowing in-market systems to operate through 2015 while under review
- From 2014-2019 stakeholder panel meetings were held to define the necessary steps to support accurate and consistent scoring systems; the state adopted panel recommendation for one scoring system as fully approved in Oregon (USDOE Home Energy Score); the panel approved scorecards for the Eugene Water and Electric Board and the City of Portland and also approved a state-wide scorecard
- An HES provides an estimate of a home's energy consumption and cost and provides comparable information for prospective home buyers and cost-effective solutions for improving the home's efficiency
- HES focuses on a home's assets (HVAC, insulation etc.) not consumption as that varies from household to household
- HES benefits include climate action, consumer protection, economic and community development
- HES are obtained and published at time of listing – not time of sale
- The Portland Home Energy Score program just completed its first year of operation
- The goal is to provide multiple benefits including climate action, consumer protection, economic development and community development
- At the time of listing a home for sale, the City of Portland requires homeowners to: 1) Obtain an HES from an authorized assessor; 2) Include the HES in the MLS listing or other online listing service; 3) Provide copies of the report to all agents and prospective buyers
- All single family homes, townhomes, and duplex/multiplex units are required to obtain an HES in Portland at the time of listing; owners of stacked units (apartments) are not required to obtain an HES
- In Portland in 2018, there were 143 authorized HES assessors, 101 HES assessment companies and 8,774 homes were scored
- The cost of a home energy assessment is \$125-\$200 and take 1-1.5 hours to complete
- There were some initial concerns that requiring an HES would affect real estate transactions but there have been no negative changes as a result of the new requirements
- HES are valid for 8 years after issue; if the HES is to be used again in a new listing after two years from the initial assessment date, a new HES is required so that current energy rates and carbon emissions factors are used in calculating the score; energy rates and carbon emissions factors are updated annually

### **Partner Survey Update**

Jason Robertson shared a brief overview of the current progress report and related highlights.

- Of the 58 actions in the Environmental Sustainability Plan, 44 (76%) are Implemented Ongoing, 6 (10%) are Implemented One-Time, 2 (4%) are Started and only 6 (10%) are Not Started
- One-time actions include E18 – transit oriented development policies, RC5 – smart water meter installations, RC13 – irrigation conservation incentives, RC16 – backyard burn ban, RRR11 – reduced permit fees and RRR12 – waste salvage and recycling
- Action that are designated Not Started include E12 – convert biogas to natural gas for fleet use (CWS), RRR10 – incent building deconstruction (City), RRR13 – green building/energy-efficiency kiosk (City) and

RRR14 – adopt rate structure to incentivize food scrap collection (City Council will discuss at the 6/18 Council meeting)

- The City of Hillsboro is now purchasing 100% of energy from green sources
- The City will be participating in a new PGE Green Tariff program which will begin in 2021
- The Hillsboro Chamber and PCC are collaborating on creating mechatronics training
- The WTA and Columbia Sportswear are piloting a new bike share program
- CWS added more than 1,000 acre feet of water to local streams including McKay and Dairy Creek last summer
- Green Business Advisors assisted 268 Hillsboro businesses in 2018
- More than 400 households participated in Eat Smart, Waste Less which encourages people to reconsider habits when planning meals, grocery shopping, and storing food (50% Spanish-language)
- The Hillsboro Water Department now offers free home water audits to residential customers and recently completed a 10 year project to exchange over 25,000 “manual read” meters with new Automated Meter Reading (AMR) meters.
- Washington County Solid Waste and Recycling assisted 8 multi-family communities representing approximately 1,000 Hillsboro households
- YAC Sustainability Shopping Initiative is the model for a statewide ordinance under development in the Oregon legislature
- Amelia’s was featured as one of 117 Hillsboro businesses participating in the food scrap collection program
- Reed’s Crossing storm water facility was constructed as a community rain garden park

#### **Plan Update and Annual Work Program Calendar**

- July 2019 – Indicator updates
- October 2019 – Annual report, Hillsboro 2035 data, Task Force meeting at Hillsboro Public Works
- November 2019 – Annual report presentation to the Hillsboro City Council
- December 2019 – Joint Hillsboro 2035 Oversight Committee + Sustainability Task Force meeting
- January-March 2020 – Indicator planning
- April 2020 – Task Force meeting at Jackson Bottom Wetlands
- May 2020 – Community workshop
- June 2020 – Task Force meeting at Fern Hill Wetlands
- October 2020 – Task Force meeting at Sun Power
- November 2020 – Annual report & updated Environmental Sustainability Plan

Jason said the ESP plan update would begin in earnest later this year once community input is collected from the 2035 Community Plan update process. Heather Robinson shared an updated “Materials Management” worksheet outlining current indicators and project underway, as well as additional challenges and considerations that need to be addressed during the update process.

**Member Updates**

- Pollinator Palooza is on Saturday, June 22, from 10am – 2pm at Jackson Bottom Wetlands
- The Hillsboro City Council will vote to adopt a resolution designating Hillsboro as Bee City USA affiliate
- The Hillsboro City Council is also considering a food scrap collection program

**Public Comment**

None.

**Next Meeting**

October 10 – Hillsboro Public Works Facility (11-2 PM)