Clean Energy and Inclusive Job Growth

Stephanie Gowing
Green Business Advocate
Seattle’s Office of Economic Development

Stephanie.Gowing@seattle.gov
Seattle is Growing and Prospering
Since 2010, job growth in the city of Seattle has outpaced the metro and the nation.
But the prosperity has not been shared evenly.
Income growth 2007-2017

White: +$30K
Asian: +$28K
Latino: +$24K
Black: +$13K

Source: American Community Survey 1-year estimates. Not adjusted for inflation.
Seattle income by race

White households have the highest median income in Seattle, and more than double that of black households.

<table>
<thead>
<tr>
<th>Race</th>
<th>Median Household Income, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>$105,100</td>
</tr>
<tr>
<td>Asian</td>
<td>$95,800</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>$72,300</td>
</tr>
<tr>
<td>Multiracial</td>
<td>$67,900</td>
</tr>
<tr>
<td>Latino</td>
<td>$67,500</td>
</tr>
<tr>
<td>Native American</td>
<td>$63,900</td>
</tr>
<tr>
<td>Black</td>
<td>$42,500</td>
</tr>
</tbody>
</table>

Source: U.S. Census

JAMES ABUNDIS / THE SEATTLE TIMES
We have an opportunity: Clean Energy Jobs that provide a living wage
WA is 14th for Clean Energy Jobs.

Most of us want more diversity in clean energy.

We need cross sections of technology. How do we relate them?

Who are the other startups and businesses in clean energy?

How do I find the right funders for our company?

Clean energy is siloed.
"Where do I begin? It's too confusing.

This could be a bot! Embrace the hairball!

I want something I can easily edit my info.

Where are businesses and projects?"
Maped Outcomes with Resource Providers

https://www.kumu.io/StephanieGowing/clean-energy-resource-map#greater-seattle-area
2020: Expand & Support. Should you join the map?
2020: Launch the Connective

Goals:

• Increase industry purchasing and hiring from POC-owned businesses and youth of color

• Link underserved businesses to new markets
2020: Fossil Fuel Transition Study

Goals

(1) understand the potential impact to workers as the City acts to reduce reliance on fossil fuels;

(2) analyze where job growth is anticipated in clean energy, transportation electrification, and related industries;

(3) analyze growth occupations locally that might utilize the overlapping skills and competencies of these workers; and,

(4) the implications of the above for skills and workforce development policy/programs.
It takes leadership and well-crafted Policy.
Thanks!

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Extra Slides
Clean energy economy jobs are jobs that will be involved in

(1) the production, transmission and distribution of clean energy;

(2) increasing energy efficiency through the manufacturing of energy-saving products, the construction of energy-efficient buildings, and the provision of services that reduce end-use energy consumption; or

(3) environmental management and the conservation and regulation of natural resources.
DEMOGRAPHICS

The clean energy workforce is older, dominated by male workers and lacks racial diversity when compared to all occupations nationally.

Fewer than 20% of workers in the clean energy production and energy efficiency sectors are women, while black workers fill less than 10% of these sectors’ jobs.

Source: Advancing Inclusion through clean energy jobs. The Brookings Institution, April 2019.
**WAGES**

8% to 19% is how much more clean energy jobs exceed national averages in mean hourly wages.

Clean energy workers at lower ends of the income spectrum can earn $5 to $10 more per hour than other jobs.

**EDUCATION**

Many occupations within the clean energy economy tend to have lower educational requirements.

50% of workers attain no more than a high school diploma...

...yet earn higher wages than similarly-educated peers in other industries.

EnviroStars is a free, one-stop hub for Washington businesses to get information, help, and recognition for actions that protect their workplace, the community, and the planet. Led by a large coalition of cities, counties and utilities, EnviroStars links businesses to local environmental programs and incentives that can help them take green actions and get recognized for it.
Seattle's Emission Profile

- Passenger: 50%
- Residential: 14%
- Commercial: 18%
- Freight: 16%
- Waste: 3%