



2019

**Sustainable
Eau Claire Awards**

**Presented by the Sustainability
Advisory Committee**

June 5, 2019



City of Eau Claire

SUSTAINABILITY

Advisory Committee



World Environment Day

“Join us to Fight Air Pollution”



A Global Public Health Emergency

Air pollution is responsible for more deaths than other risk factors such as



Alcohol use



Physical inactivity

and these are the effects



50% of childhood pneumonia deaths are due to air pollution



Over 50% of household air pollution-related deaths globally occur in women and children



Exposure to polluted air contributes to asthma and heart disease

#WorldEnvironmentDay



Towards a Renewable Energy City

Local Responses



People Power



Zero Tail Pipe Emissions



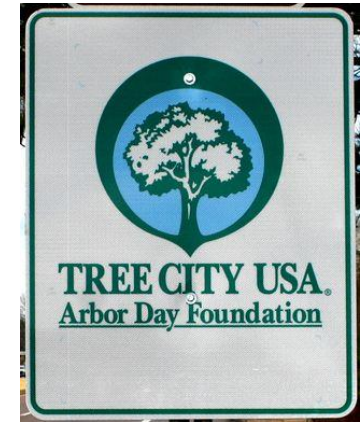
Sun Power



Tree City USA

Trees Matter

- Global forests removed about 1/3 of fossil fuel emissions annually from 1990 to 2007
- In one year, an acre of mature trees absorbs the amount of CO² produced by a car driven 26,000 miles.
- Trees properly placed around buildings can reduce air conditioning needs by 30% and can save 20–50% in energy used for heating.
- In Chicago, trees remove more than 18,000 tons of air pollution each year.
- One large tree can provide a day's supply of oxygen for up to four people.



Awards by



2019 Winners

- Energy: Renewables, Efficiency or Conservation – **Eau Claire Energy Cooperative**
- Environmental Education – **UWEC Watershed Institute**
- Environmental Education – **Eau Claire Citizens' Climate Lobby**
- Exceptional Natural Resources Steward – **Tree Purpose of Eau Claire**
- Exceptional Natural Resources Steward – **Eco Urban Timber**
- Sustainable City Staff – **Matt Staudenmaier**
- Exceptional Natural Resources Steward – **The Pablo Center**
- Student Leadership – **Austin Northagen**
- Sustainable Development – **Benny Haas**
- Green Products or Practices – **Eau Claire Downtown Farmers Market**

Energy: Renewables, Efficiency or Conservation— Eau Claire Energy Cooperative



EvergreenSM
YOUR ENERGY CHOICE FOR THE FUTURE

FreEV 
FREE Electric Vehicle Charging



Environmental Education – UWEC Watershed Institute



In Watershed Institute

Academic Offerings



Majors + Minors

Environmental Public Health (M)

Environment, Society + Culture ...

Environmental Science (m)

Public Health (m)

Experiential Learning

Highlighted Courses

Environmental Education – Eau Claire Citizens' Climate Lobby



Energy Innovation AND Carbon Dividend Act

THE BIPARTISAN CLIMATE SOLUTION

H.R. 763

This bill will drive down America's carbon pollution and bring climate change under control. It is:

EFFECTIVE



GOOD FOR PEOPLE



GOOD FOR THE ECONOMY



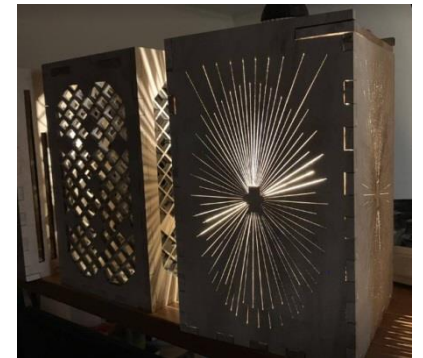
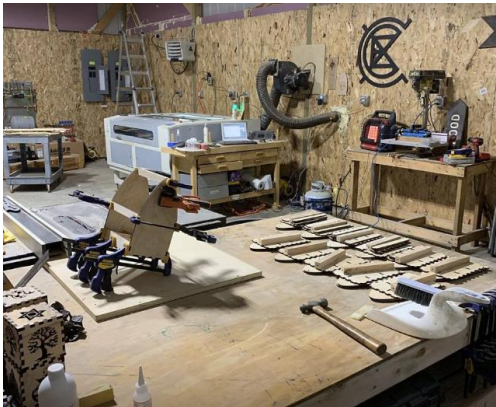
REVENUE NEUTRAL



Exceptional Natural Resources Steward – Tree Purpose of Eau Claire



Exceptional Natural Resources Steward – Eco Urban Timber



Sustainable City Staff – Matt Staudenmaier



URBAN WOOD NETWORK

Table 4. i-Tree Streets Analysis Results for Total Annual Benefits in the City of Eau Claire

Benefit Category	Energy Savings	Avoided and Sequestered Carbon Dioxide	Air Quality Benefits	Stormwater Runoff Reduction	Aesthetic and Other Benefits	Total (\$)
Annual Amount	\$710,744	\$91,122	\$110,849	\$656,571	\$806,057	\$2,375,343



Exceptional Natural Resources Steward – The Pablo Center



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