

# Regional Sustainability



South Bend Joint Common Council Committee Meeting

2/27/2019



## MACOG's Vision

- Advance the Region's economic vitality,
- Enhance quality of life,
- Build strong sense of place,
- Expand opportunities that attract and retain talent.

## How?

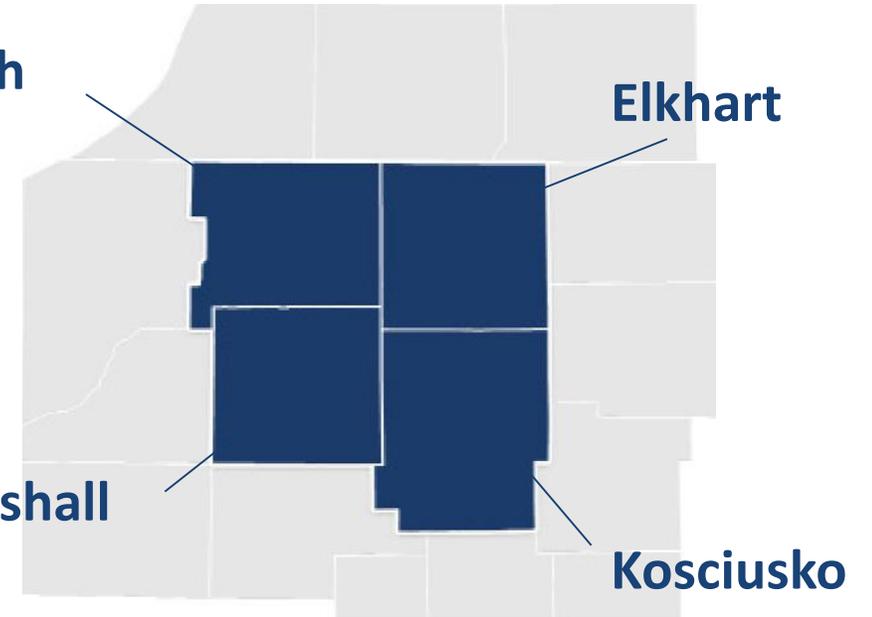
*By studying and attempting to resolve interlocal issues:  
Transportation, transit, economic development, environment, etc.*

St. Joseph

Elkhart

Marshall

Kosciusko



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Leah Thill  
Environmental Planner



# TRANSPORTATION



# TRANSIT



# COMMUNITY DEVELOPMENT



# SUSTAINABILITY

# *Sustainability*

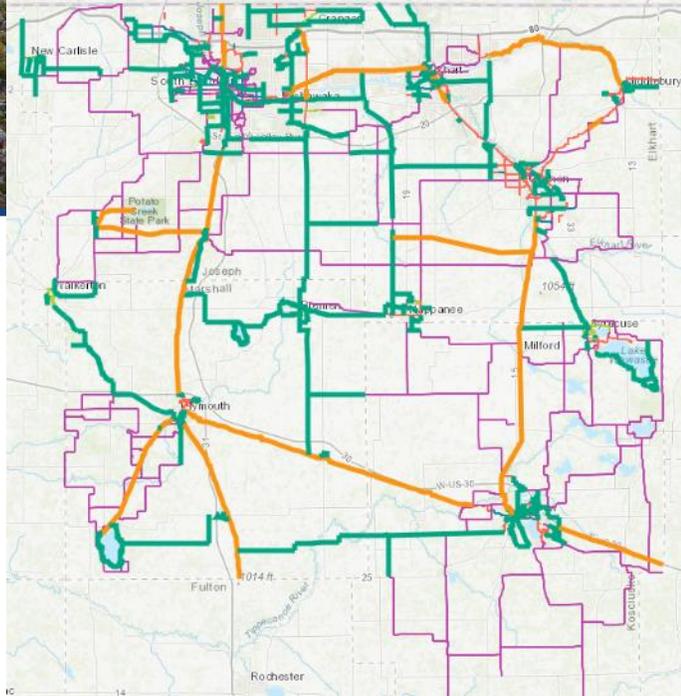
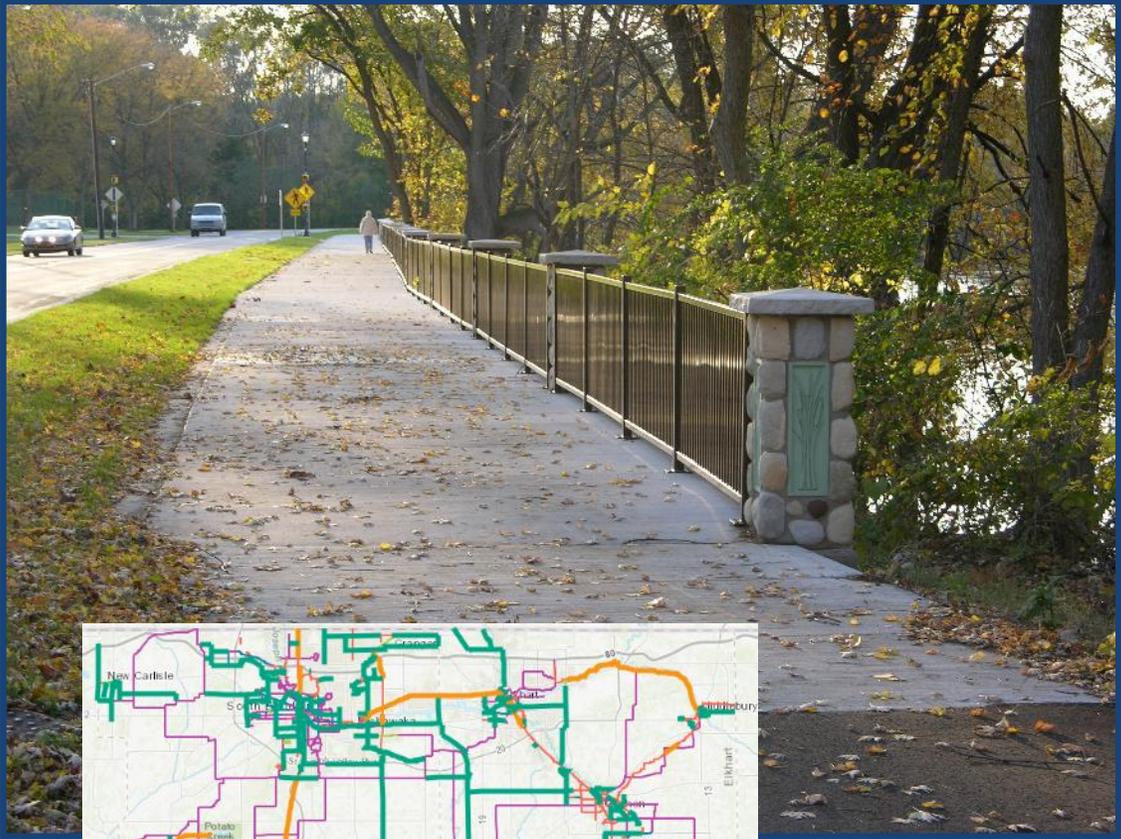
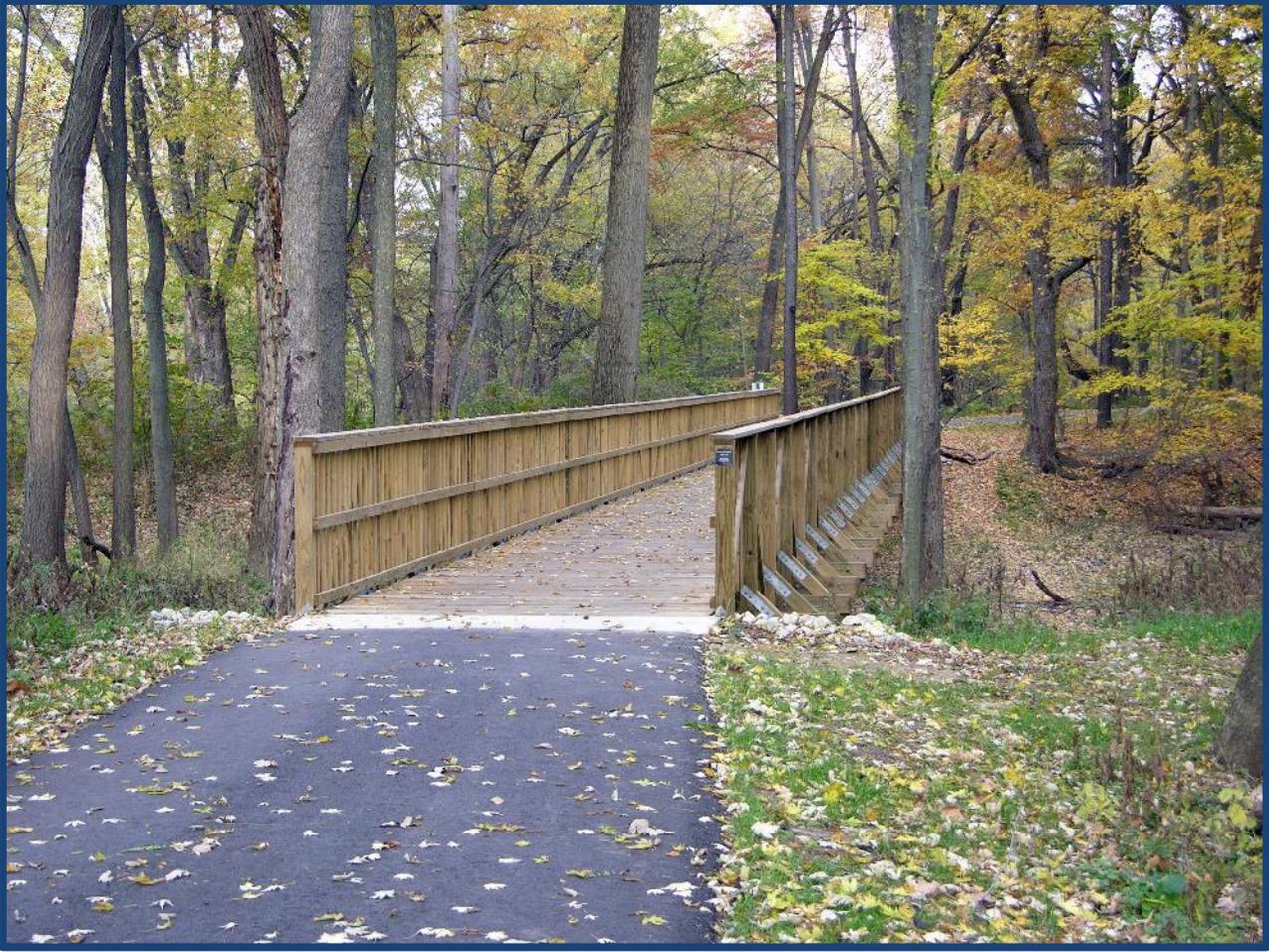
- Transportation
- Air
- Energy - Solar
- Water - SJRBC
- Land



# Transportation: Air Quality Improvement Projects



# Active Transportation

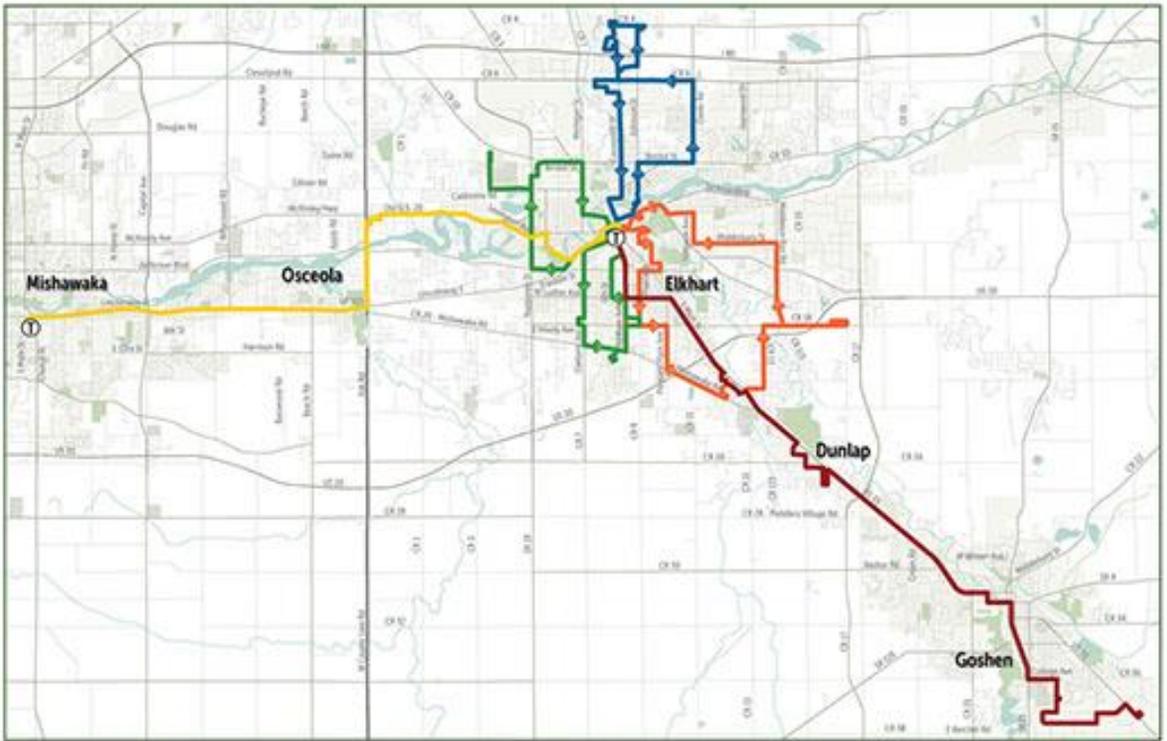


<http://www.macog.com/activetransportation/>

# Active Transportation: Regional Trail Branding / Walk to School Day



# Transportation: Public Transit



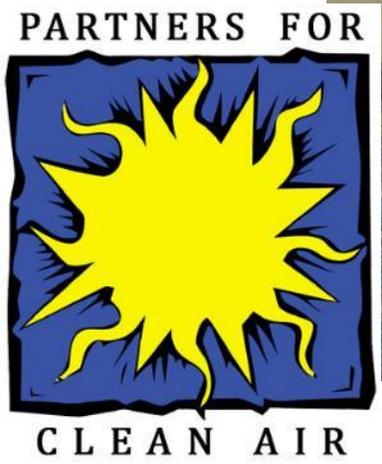
# Transportation: Alternative Fuels, Advanced Vehicles



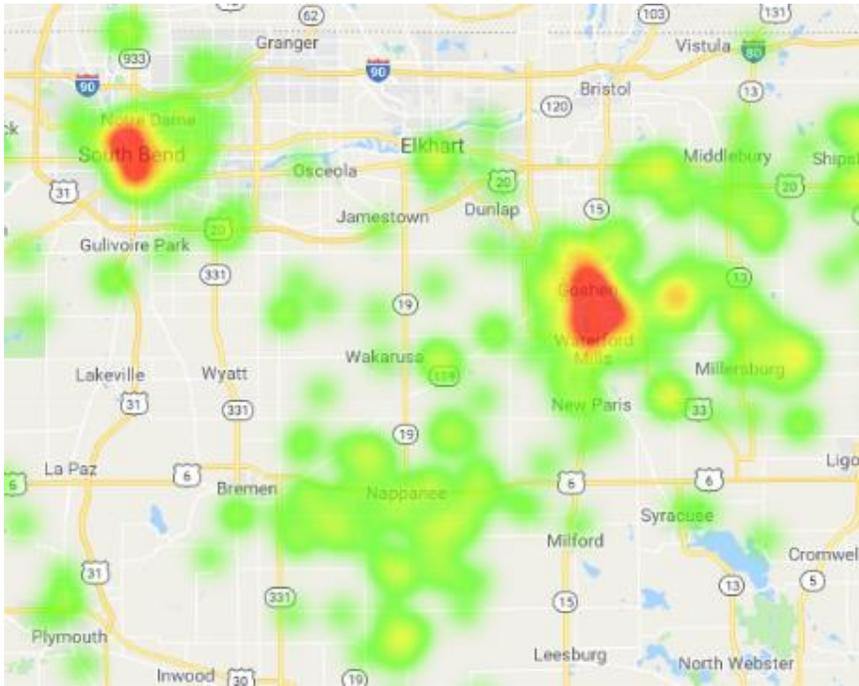
# Air - Partners for Clean Air



Air Quality Index (AQI) Values	Levels of Health Concern
0 to 50	Good
51-100	Moderate
101-150	Unhealthy for Sensitive Groups
151-200	Unhealthy
201-300	Very Unhealthy
301 to 500	Hazardous



# Clean Energy – Solar



<https://www.sirensolar.org/solar-map>

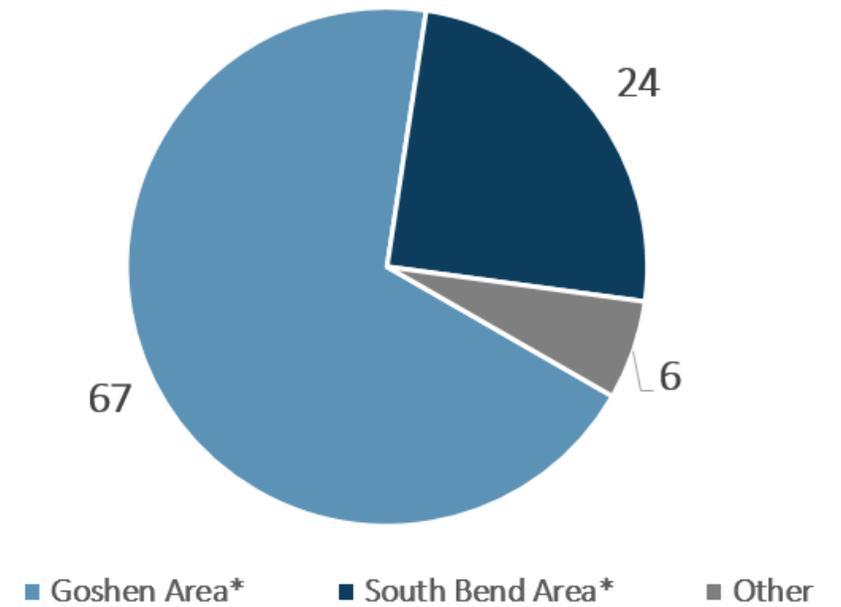


# SOLARIZE

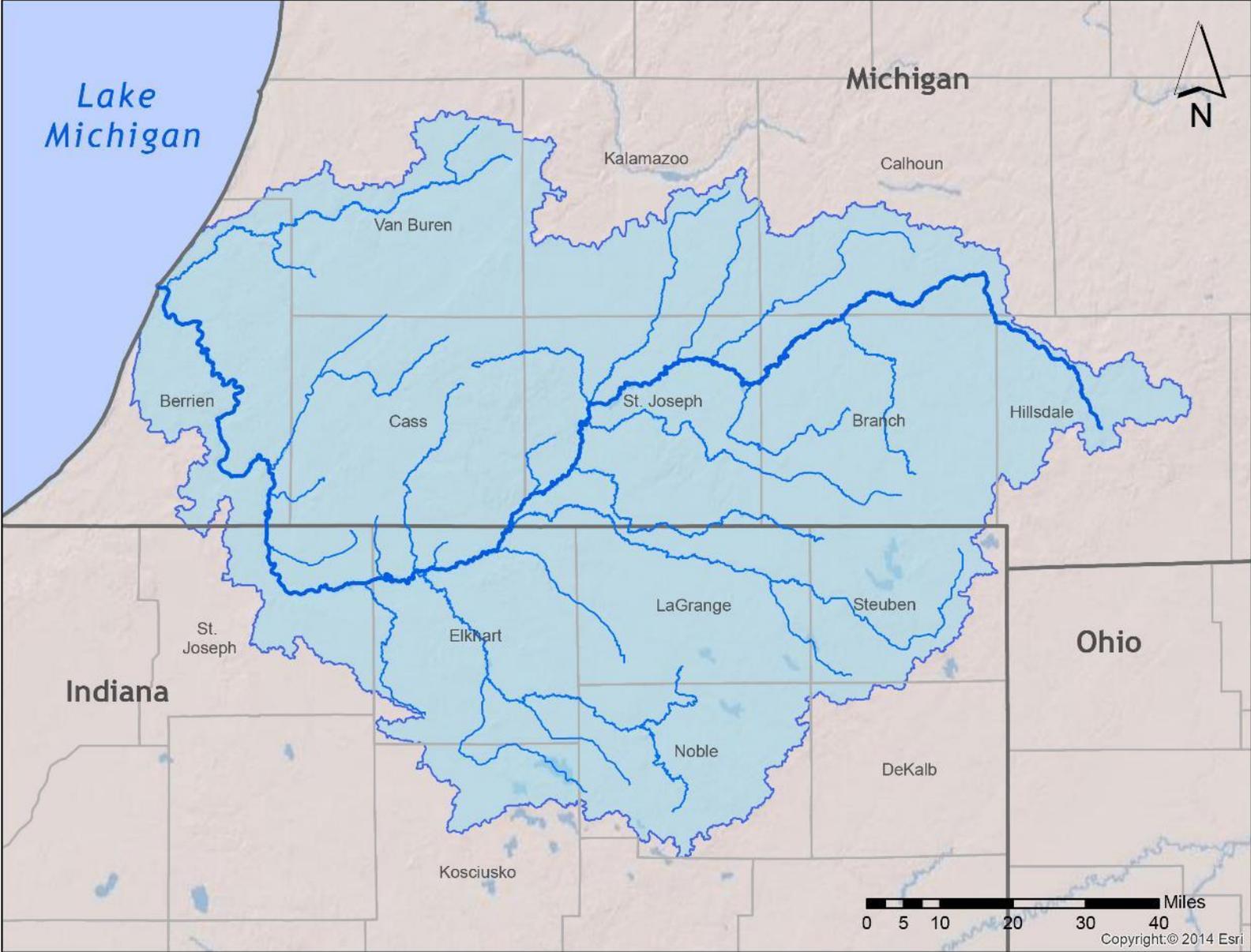
Northern Indiana



Number of Installed Projects, by Location



# Water – St. Joseph River Basin Commission



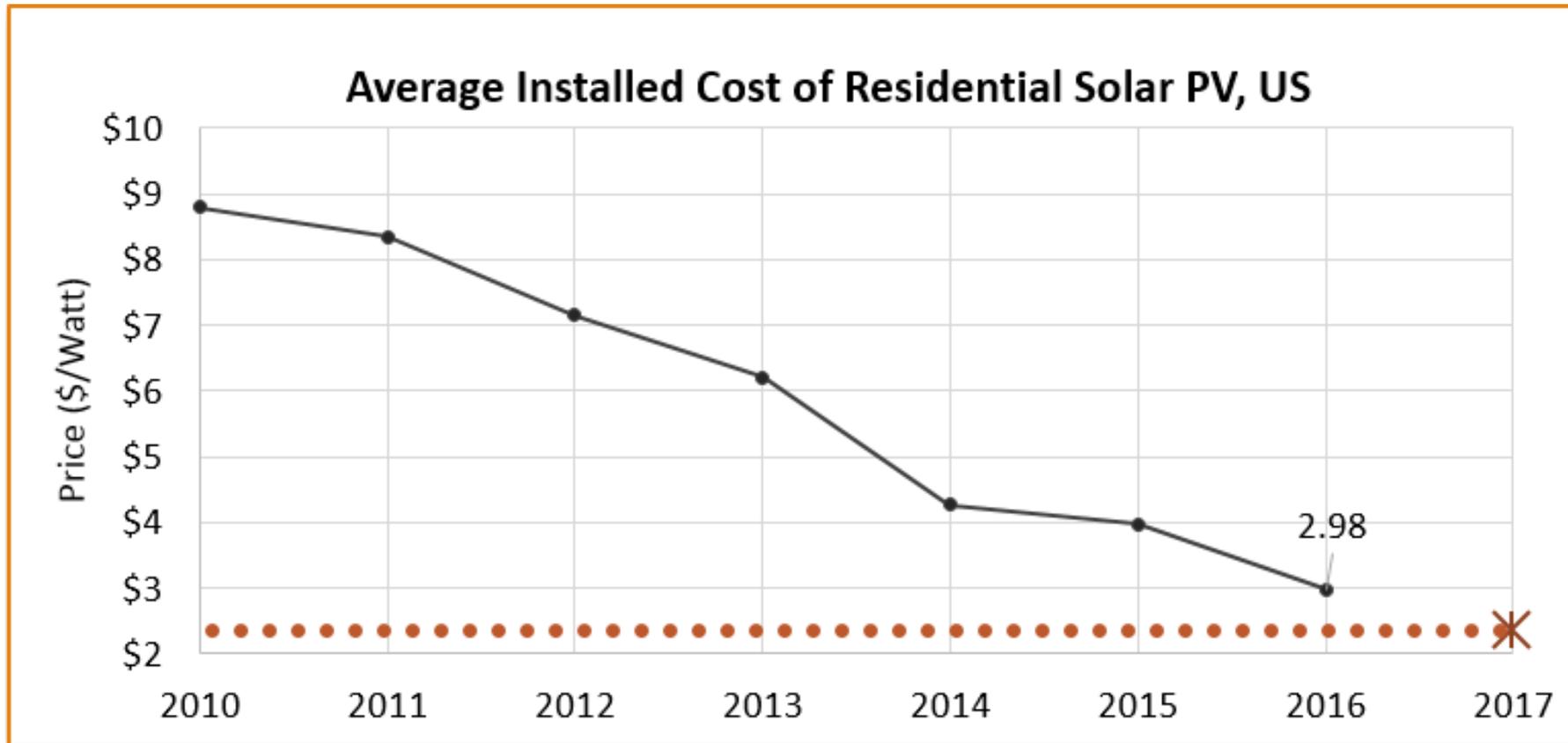


An aerial photograph of a city, likely Grand Rapids, Michigan, with a blue color overlay. The image shows a dense urban area with various buildings, streets, and green spaces. A blue triangle points downwards towards the center of the image.

# Appendix

# The cost of solar is now within reach for many people.

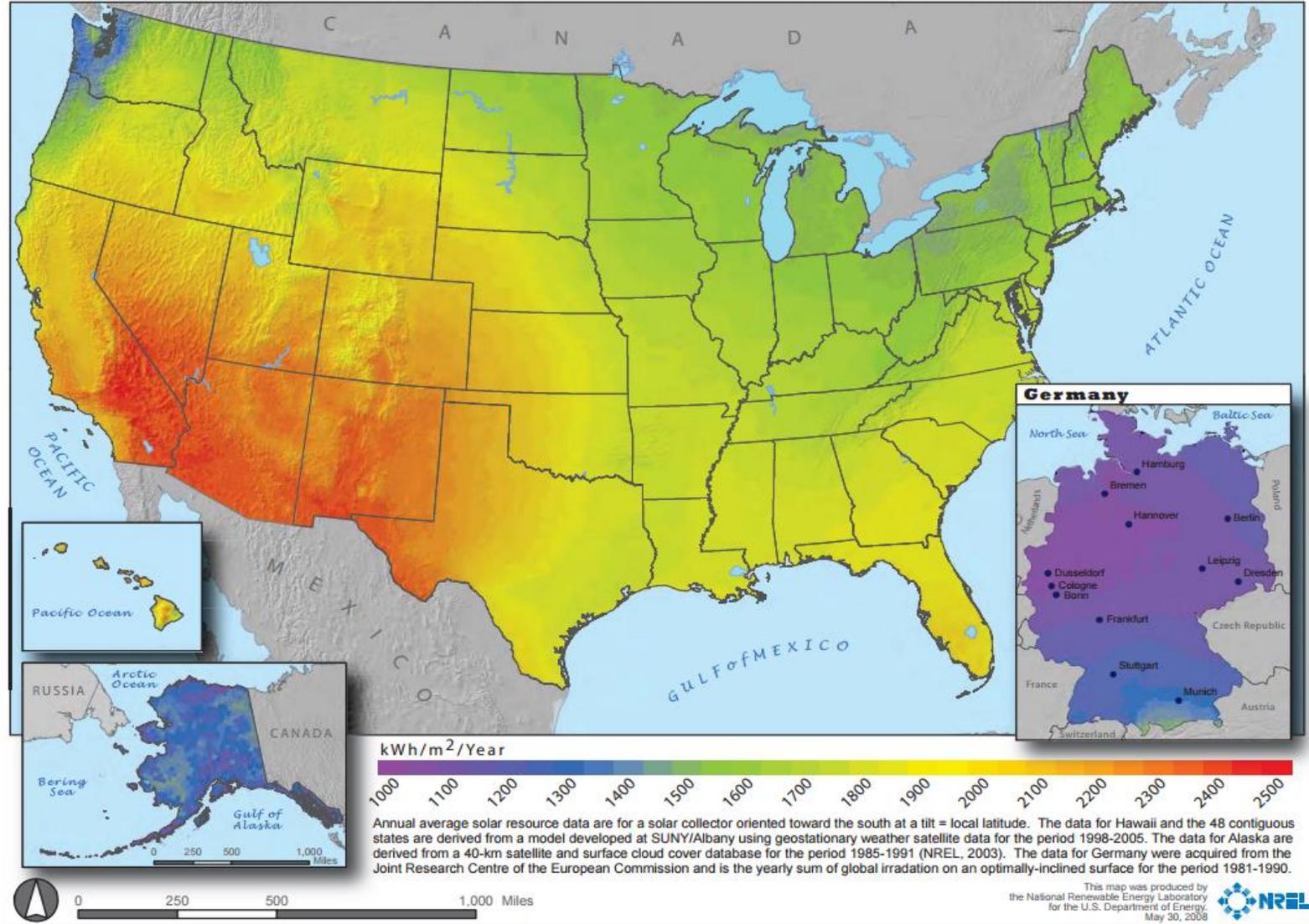
Isn't it too expensive?



Avg. National Price, Q3 2016: \$2.98/W (SEIA)

Solarize Price for 5kW  
Standard Panel: \$2.35/W Performance: \$2.58/W

# Photovoltaic Solar Resource : United States and Germany



Source: National Renewable Energy Laboratory