

## COUNCIL WORK SESSION MINUTES

**October 18, 2021 – 4:30 p.m.  
4th Floor Conference Room– City Hall**

A Council work session was held for a presentation by the Sustainable Environment Advisory Committee (SEAC) regarding adoption of a resolution encouraging practices by the City of St. Joseph and all residents, businesses and other organizations to reduce greenhouse emissions.

Attending: Mayor Bill McMurray and Councilmembers Brenda Blessing, Madison Davis, PJ Kovac, Russell Moore, Brian Myers, Marty Novak, Kent O'Dell and Gary Roach.

Bryan Carter, City Manager; Chris Connally, Police Chief; Kenny Cordonnier, Interim Fire Chief; Mary Robertson, Asst. to City Manager/Communications & Public Relations Manager; and Paula Heyde, City Clerk.

Mayor Bill McMurray called the meeting to order.

Bryan Carter, City Manager, said the meeting is a lead up to a resolution that is on the agenda at tonight's Council meeting to encourage practices by the City of St. Joseph and by all residents, businesses, and other organizations to reduce greenhouse emissions. He gave some background on the SEAC and how the resolution came to be.

Diane Waddell, SEAC Chairperson, Dr. Dawn Drake, Whitney Lanning, and Andrea Cole gave a power point presentation on the "Green Energy Opportunity "GEO" Team" (copy attached).

Councilmember Madison Davis said he does not want climate impact be a top priority on any decision they are considering. Mr. Carter recommended that the word "top" be removed from Section 3 of the proposed resolution if that is a concern.

Councilmember PJ Kovac suggested that everyone watch the YouTube video called "Planet of the Humans" by Michael Moore.

Mr. Carter said the budgetary reality is that we can't always pursue what will be the most energy efficient or the newest technology.

The meeting adjourned at 4:58 p.m.



Minutes transcribed by Paula Heyde, CMC, City Clerk.

A lightbulb is centered in the image, with its glass part filled with a pattern of green leaves. The background is a dense field of similar green leaves. A white horizontal line is positioned above the text.

GREEN ENERGY OPPORTUNITY  
"GEO" TEAM

OCTOBER 18, 2021



## Statement of purpose

The committee comes from a Resolution which states:  
*Resolved, That the City of Saint Joseph continue to expand on innovative environmental programs to reduce greenhouse gas emissions.*



### Goals

- Rethink, Refuse, Reduce, Reuse, Recycle
- Plant and nurture trees and native plants
- Decrease single-use plastics
- Encourage and support businesses which model environmental sustainability
- Seek to reduce pollution of our water resources
- Promote sustainable stewardship of historic buildings including adaptive reuse
- Encourage the City of St. Joseph and all residences, businesses and other organizations to improve energy efficiency to decrease greenhouse gas emissions.

## GEO Team (Green Energy Opportunity) initiated by SEAC

### Stakeholder Groups

Community Action Partnership  
NAACP  
MWSU  
Business - (Boehringer Ingelheim)  
Union — (Teamsters)  
St. Joseph Community Foundation  
Individual environmental advocates

### Advisory/Consultants

Missouri American Water  
Spire  
Evergy  
Schneider Electric  
Missouri Department of Conservation (Private Land  
Consultant)

### City of St. Joseph

Historic Preservation  
Public Works  
Public Health Department

Special thanks to Mayor McMurray for supporting initiation of the Team  
Special thanks to Mr. Bryan Carter for guidance with the Resolution

# The Costs of Climate Change

Dr. Dawn Drake, PhD – MWSU



Image from: [News | newspressnow.com](https://www.newspressnow.com)

- Global impact
- Impacts to a river city
- Investing in our parks, trails, and green spaces
- Positive returns on investment

## Protecting our citizens

Whitney Lanning –  
Executive Director, CAP St. Joe

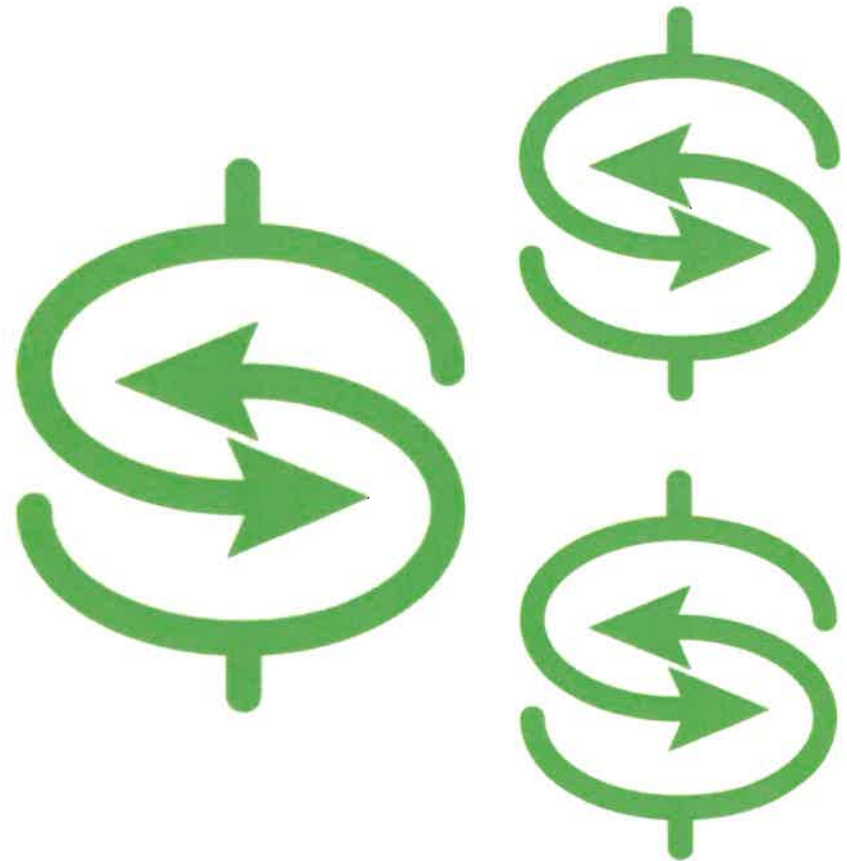
- Protecting the most vulnerable
- Impacts to our low income neighborhoods
- To reduce and prevent public health issues



## Next Steps - Future work

Go green, save money

Andrea Cole –  
Senior Specialist Quality  
Boehringer-Ingelheim Animal  
Health, St. Joseph



# Green Initiatives – Boehringer-Ingelheim

## 100% Renewable Wind Electricity

- Effective January 2021
- Agreement with Tradewind Energy, Inc.
  - Cimarron Bend III Windfarm in Kansas
- Reduces St. Joseph's total carbon footprint by more than 70%

## Optimization of Generator Runtimes

- Runtimes reduced from ~45 minutes each week to ~45 minutes each month
- Reduced generator diesel fuel usage by about 75%

## LED Lighting Installations

## PDW Solar Panel Installation

- Solar panel used to provide nearly 20% of building's energy

## Recycling Efforts

- Site recycles approximately 44% of total waste
- Recycled materials include the following:
  - Wood
  - Paper
  - Plastic
  - Cardboard
  - Electronics
  - Metal
  - Universal Waste –Batteries and Lamps



Image courtesy of <https://www.power-technology.com/projects/cimarron-bend-wind-farm-kansas/>

