SOLAR POLLINATOR HABITAT
WORKING FOR YOU

Solar energy is good for the environment. It can be even better when integrated with habitat that supports pollinators and biodiversity. Find out how to make solar pollinator habitat work for you and how Pollinator Partnership can help ensure that your project is successful.

POLLINATOR PARTNERSHIP

WHAT IS POLLINATOR FRIENDLY SOLAR HABITAT?

Pollinator-friendly solar habitat refers to co-locating deep-rooted and regionally appropriate native grasses, wildflowers, and non-invasive cover-crop plants, within solar sites, to provide multiple benefits for solar O&M, the environment, and surrounding communities.

Photo courtesy Fresh Energy

BENEFITS FOR THE SOLAR INDUSTRY

There is an increasing political and public call for the incorporation of pollinator habitat into solar installations. Many in the solar industry are answering the call and realizing the political, operational, and economic benefits.

Corporate

- Positioning as a leader in the industry
- Increased landowner and other stakeholder buy-in
- Decreased permitting time
- Reduction in environmental mitigation investments
- Impact Benefit Agreements
- Corporate social responsibility and community relations

Operational

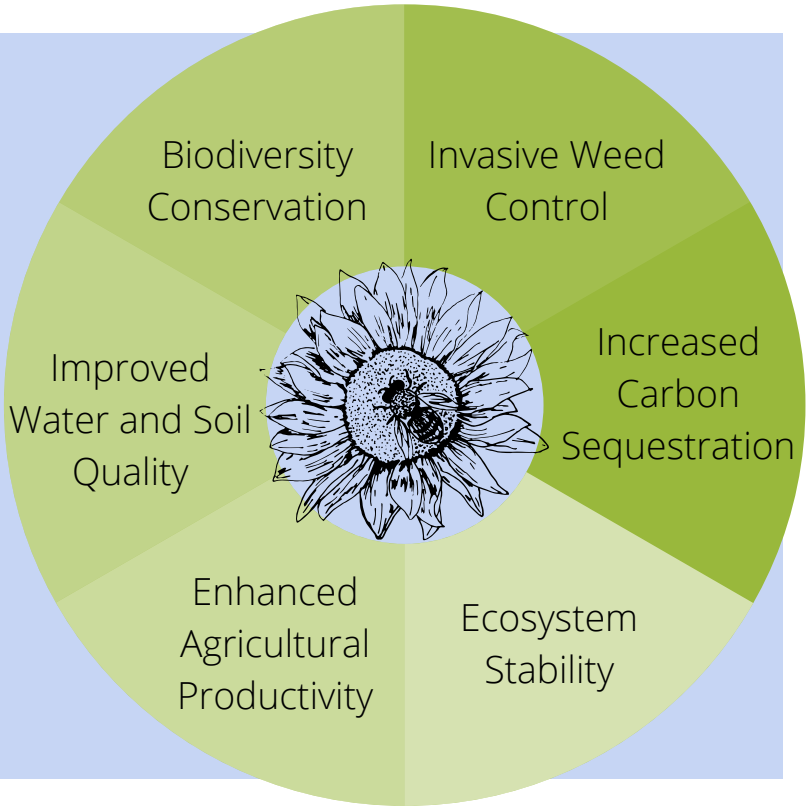
- Reduced mowing and weed control after establishment
- Increased PV efficiency, performance, and longevity from cooler microclimates
- Stormwater control
- Reduced erosion
- Reduced frost heave damage
- Decreased risk of damage from mowing machinery

SOCIAL, AGRICULTURAL, AND ENVIRONMENTAL BENEFITS OF POLLINATOR HABITAT IN SOLAR DEVELOPMENTS

Pollinators, including bees, butterflies, and hummingbirds are essential for crop production and natural ecosystems. Yet, populations are in decline.

Integrating pollinator-friendly vegetation into solar sites provides multiple agricultural, social, and environmental benefits.

Pollinator Partnership can help you communicate this in the surrounding community.



HOW IT WORKS

In addition to supporting pollinators and wildlife, pollinator-friendly vegetation provides erosion control and storm-water infiltration, while improving soil and water quality.

Courtesy Fresh Energy

Native plants have extensive root systems that can extend 10 to 20 ft. below the surface. In comparison, turf grasses, such as Kentucky bluegrass, have shallow root systems that only grow 3 to 4 inches deep.

POLLINATOR PARTNERSHIP

POLLINATOR PARTNERSHIP CAN HELP YOU

Transform this

Into THIS

Our Solar Consultation Team includes experienced plant and pollinator scientists that provide ongoing support for successful solar habitat. We are a non-profit organization with competitive rates and offer services for projects in the U.S. and Canada.

Literature Review: Comprehensive reports that include the most recent, science-based data on the benefits of pollinator habitat co-location, providing valuable information for solar energy permitting, stakeholders, and community relations.

Habitat Preparation and Implementation Plans: Site-specific project plans provide necessary timelines and guidance tailored to individual sites, including site preparation activities, planting, and early through long-term management.

Custom Seed Mixes: Seed mixes are designed to be cost-effective, provide pollinator value, and meet the requirements of a project's PV specs, geographic location, and unique environmental conditions. Seed procurement services are also available.

Research and Valuation: Monitoring vegetation establishment and pollinator communities provide documentation to understand and communicate the value of your solar habitat. We provide comprehensive monitoring plans and services.

Education and Outreach: Materials designed to showcase your plans and efforts, increase awareness, and support positive public relations including signage, PowerPoints, and print resources.

To Learn More:

email p2consulting@pollinator.org or **call (415)362-1137**.