SUPPLIERS PARTNERSHIP FOR THE ENVIRONMENT

# SP Pollinator Project Challenge

Webinar

October 5, 2022

# Introduction

- **Please use the "Q&A" window to ask question of our panelists.**
- **Please note this webinar is being recorded.**
- **A link to view the recording and a copy of the slides will be provided to all registrants in the coming days.**

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# Introduction

Since 2002, Suppliers Partnership for the Environment (SP) has been the leading forum for global automakers, their large and small suppliers, the US EPA and other government entities from around the world to work together to improve the environmental sustainability and business value of the global automotive supply chain


SP Members & Liaisons

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# Introduction

Looking forward, several of the world's largest automakers and suppliers have announced the next-generation of ambitious environmental sustainability goals aspiring to advance *positive* environmental, economic and community impacts through their operations and value chains.

As members of SP, industry environmental sustainability leaders are coming together to work toward a shared vision of an automotive industry with **positive** environmental impact.


Our Focus Issues

# Introduction

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Supporting industry dialogue and action on common definitions, tools, and resources for measuring and advancing carbon reduction efforts across the value chain on the path toward carbon neutrality.

**CARBON NEUTRALITY**

Facilitating deeper discussions and connections among SP members related to current and emerging environment, health and safety (EHS) issues impacting the automotive industry.

**EHS FORUM**

Supporting SP members in better understanding the rapidly changing ESG landscape and proactively preparing their organizations to address current and emerging ESG expectations.

**ESG LEADERSHIP**

Supporting OEM / supplier dialogue and education on emerging global product chemical compliance process management challenges and opportunities.

**GLOBAL PRODUCT CHEMICAL COMPLIANCE PROCESS MANAGEMENT**

Identifying, developing and advancing nature-based solutions as effective tools to improve climate resilience and pollution prevention, as well as provide human well-being and biodiversity benefits.

**NATURE BASED SOLUTIONS**

Working to move the automotive industry towards a circular materials economy by promoting collaboration amongst automotive manufacturers and suppliers to incorporate sustainable practices, processes, and materials in the production and content of vehicles.

**SUSTAINABLE MATERIALS**

Working to identify voluntary opportunities and best practices to minimize packaging waste and promote consideration of sustainable packaging materials.

**SUSTAINABLE PACKAGING**

Promoting information exchange on key challenges and opportunities related to end-of-life management of advanced EV batteries and identifying opportunities for strategic pre-competitive collaboration across the value chain to advance best practice in responsible management of such batteries in North America and beyond

**RESPONSIBLE BATTERIES**

Providing a structured process to assist companies of all sizes within the SP network to share innovative ideas and solutions that can address our member companies' significant environmental sustainability challenges and needs.

**TECHNOLOGY & INNOVATION**

Developing a sector-wide water stewardship program that is centered on a decision matrix and action plan that helps member organizations achieve excellence in their water stewardship performance

**WATER STEWARDSHIP**

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**Kevin Butt**
Toyota Motor NA

**Sam Qureshi**
WM

**Sara Cook**
Wildlife Habitat Council

# Our Speakers

# Our Vision

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- to demonstrate leadership as an industry by working together to create a connected corridor of wildlife habitat across our operations, and within the communities in which we operate, to create meaningful new habitat for migratory species of concern in North America such as the Monarch butterfly.

- to provide a platform to educate, engage and recognize actions of public and private stakeholders across the automotive value chain in implementing conservation projects that are individually meaningful, yet collectively groundbreaking.

# Why Pollinators

- Pollinators are critical to our ecosystem and are in decline globally, in part due to lack of habitat.
- Considering the position and scale of the auto industry's manufacturing footprint in relation to the annual migration patterns of pollinators like the Monarch Butterfly, there is an opportunity for the industry collectively to have a significant impact.
- Pollinator projects are a great first step for those just starting out with a conservation program. Pollinator projects typically are not complex or costly, they are scalable, and even very small projects can have a meaningful conservation impact.

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# SP Pollinator Challenge

- SP's Pollinator Project Challenge provides a platform to educate, engage and recognize the actions of groups across the automotive value chain in implementing pollinator conservation projects that are individually meaningful, yet have the potential to be collectively groundbreaking.

- A variety of large and small automotive companies have taken this challenge on. Collectively, participating companies have reported:
  - **200+ pollinator projects**
  - **2500+ acres of habitat**
  - **100+ projects on WHC certified sites**

- **<u>Together we can continue to grow this number!</u>**

# Introduction to WHC

## Helping companies help nature

WHC works at the intersection of business and biodiversity using a model that is focused on implementation, community engagement and supply chain.

# Business Case for Nature & Biodiversity

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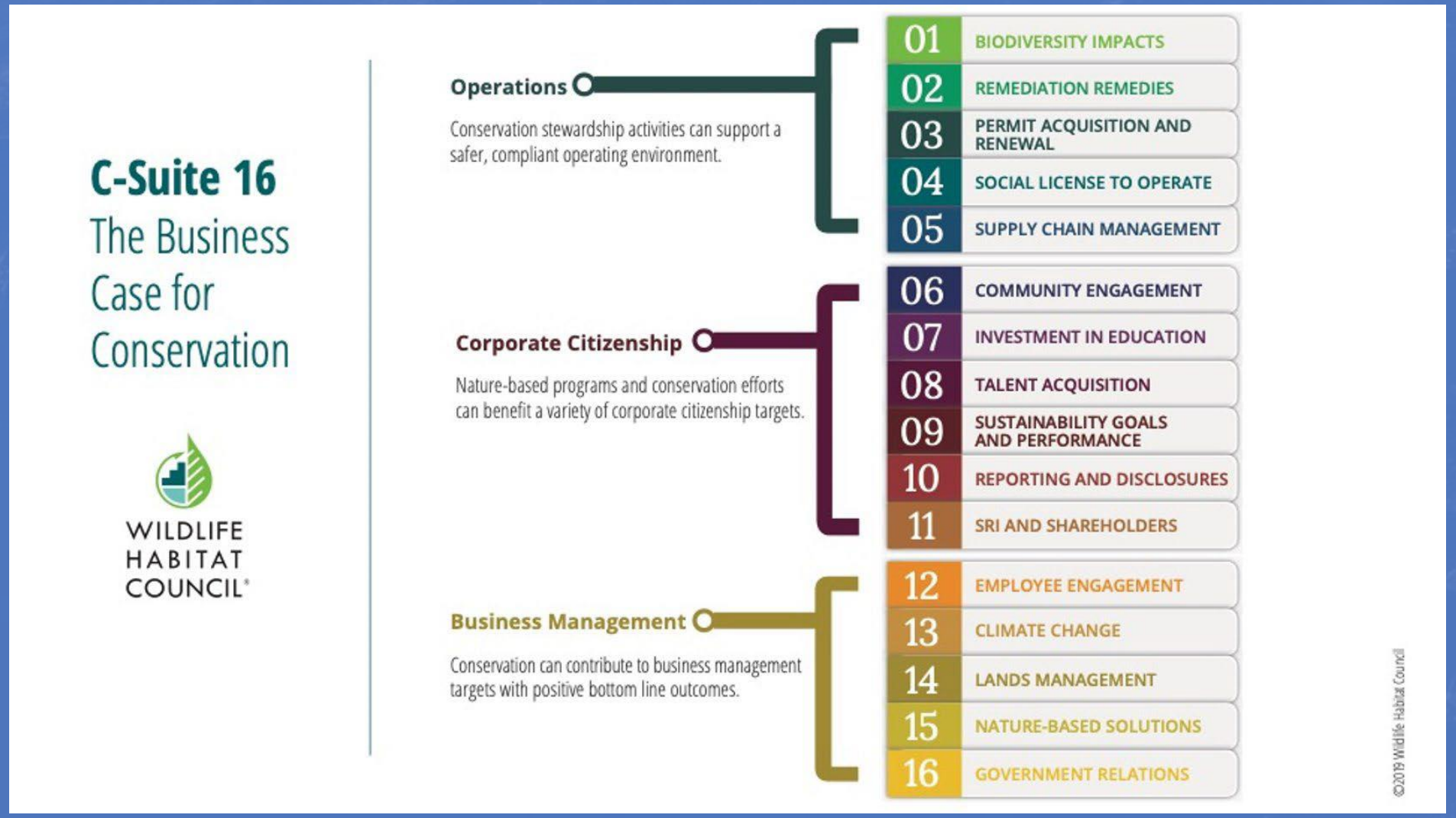


# Common actionable corporate biodiversity approaches tailored to needs and context

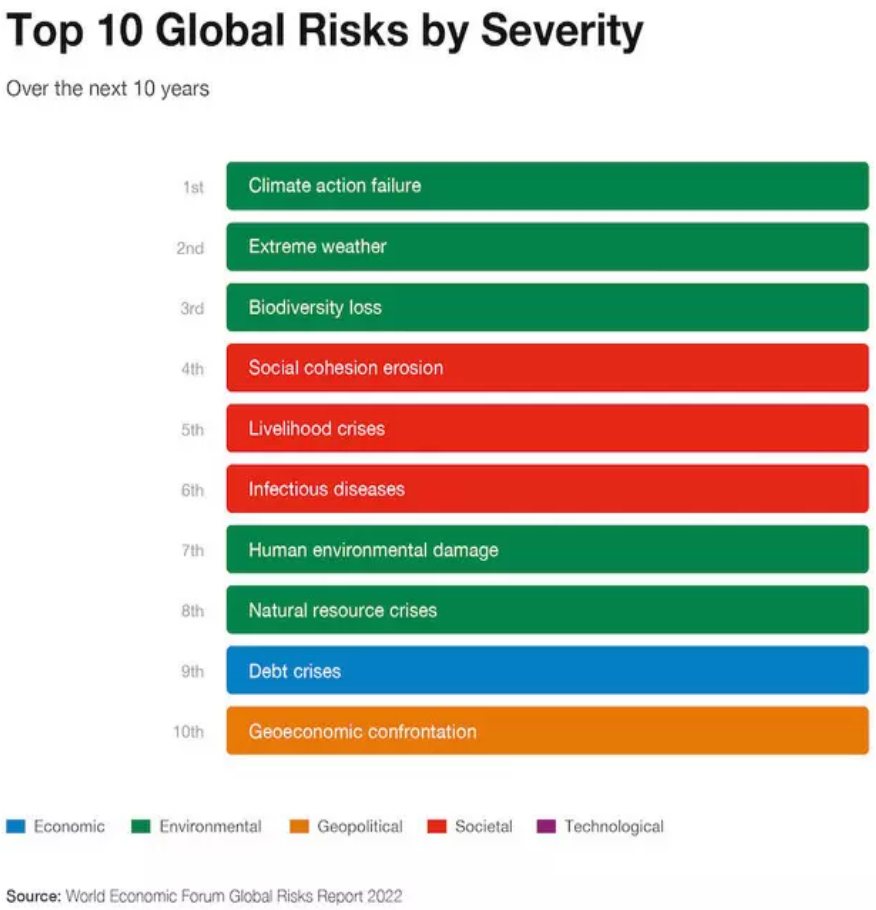
Strategic

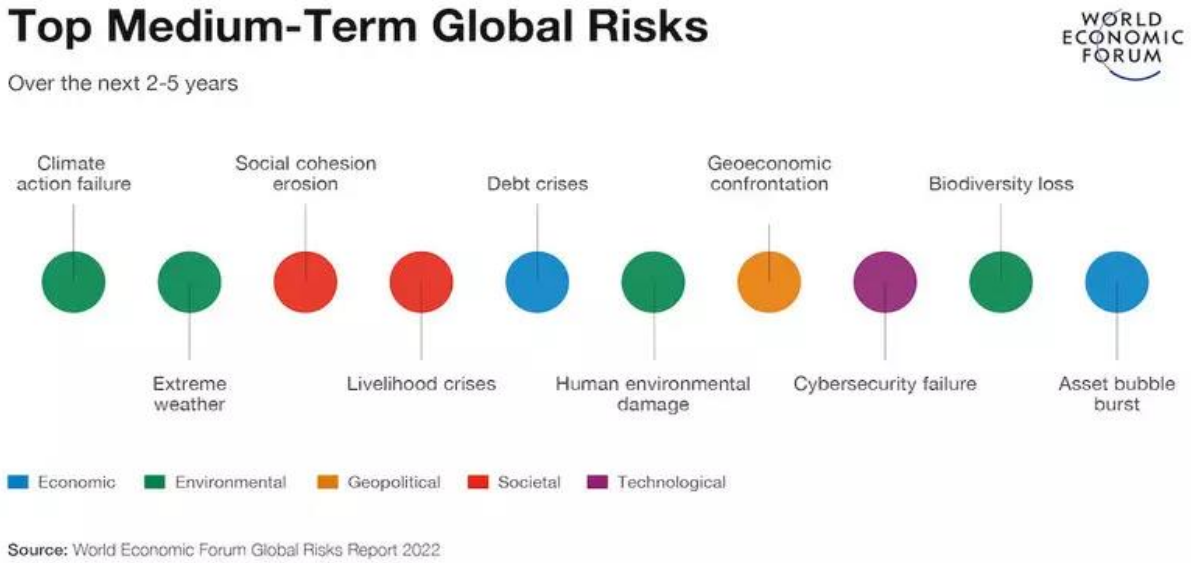
Tactical

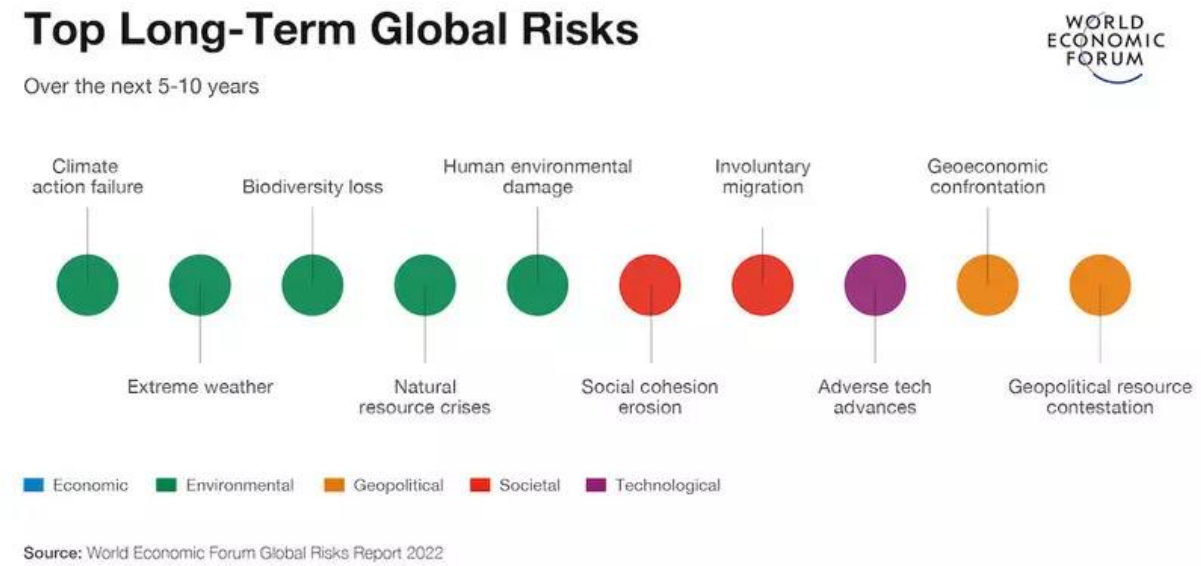
Grassroots

WHC

“The irreversible consequences for the environment, humankind and economic activity, and a permanent destruction of natural capital as a result of species extinction and/or reduction.”

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# Partnership for Success SP & WHC

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## Policy & Practice

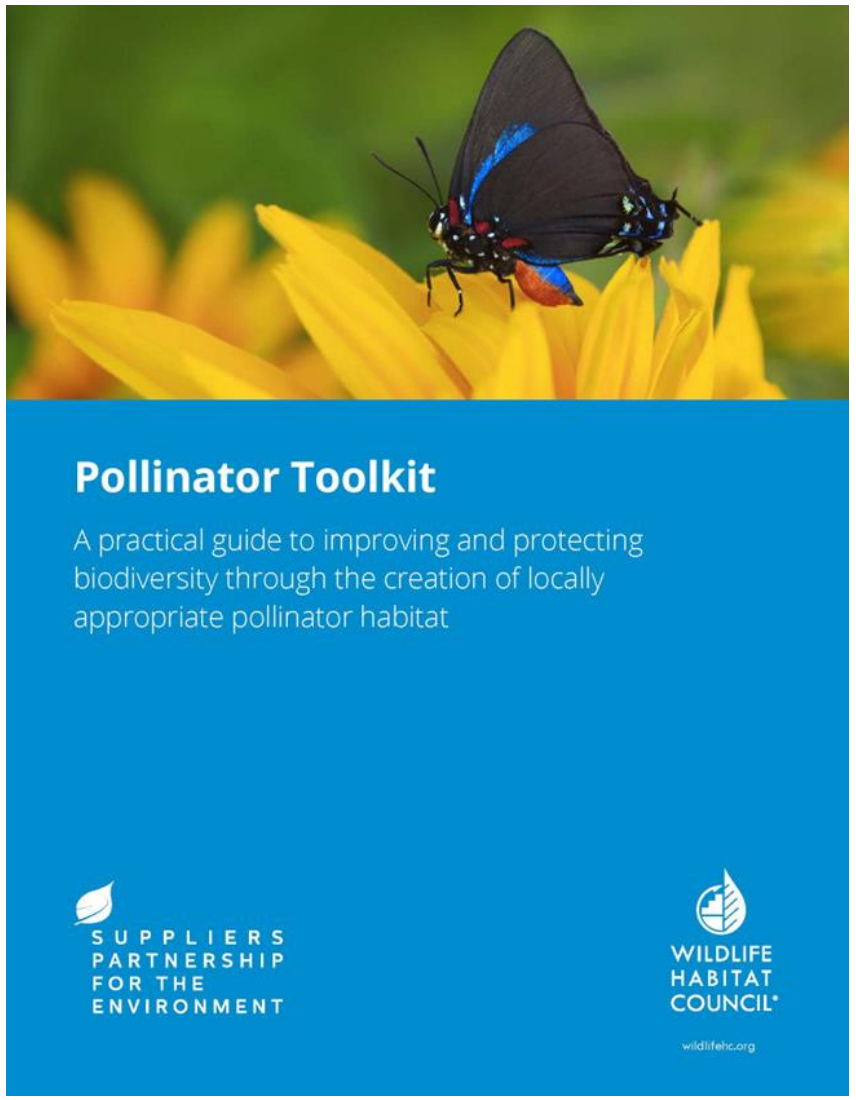
- Nature-based Solutions
- Pollinator Pledge

## Action-Oriented

- SP Pollinator Toolkit
- Company/Site-specific Support

# SP Pollinator Toolkit

Custom-designed tool for advancing SP members towards our shared goal of *measurable, scalable, industry-leading impact*, is the Pollinator Toolkit.



# SP Pollinator Toolkit

Toolkit guide project planning, including *design and project selection, monitoring and maintaining for success, and engaging stakeholders*.

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## APPENDIX A

Pollinator Project Selection Tool

WHC developed an outline for establishment and maintenance practices to assist Suppliers Partnership for the Environment members create or restore native pollinator habitat projects at their offices and facilities. The protocol herein is designed to be compatible with current operations, is scalable across facilities, and supports the SP Biodiversity Work Group pollinator initiatives by recommending pollinator habitat project options, including installation and maintenance practices to ensure success.

Determine the appropriate type of pollinator habitat project based on site conditions and available resources (discussed in Part One of the Toolkit). Then follow the implementation and maintenance table and associated monitoring and evaluation protocol (either A, B, or C), based on your determination.

### Project Selection Guide

| A: Pollinator Garden in Landscaping Beds | B: Pollinator Garden in Containers | C: Pollinator Grassland |
|---|---|---|
| • Patches of land <0.25 acres (e.g., open space near office entrance or site entrance sign, roadsides)<br>• New garden installation or updates to existing landscaping in high-visibility locations<br>• Commitment to at least bi-weekly maintenance in first growing season, and seasonal maintenance after<br>• Objective to improve visual aesthetic and demonstrated pollinator habitat through life cycle<br>• Plugs, pint/quart/gallon pots, and/or seedlings/saplings with moderate diversity – approximately $1-20 per plant or $8-$50 per 10 sq. feet. Budget for gardening tools and labor costs to prep, install, and maintain | • Accessible locations cannot be excavated to support plantings or landscape changes are not permitted<br>• New container installation or updates to existing planter boxes/pots<br>• Commitment to at least bi-weekly maintenance in first growing season, and seasonal maintenance after<br>• Objective to improve visual aesthetic and demonstrated pollinator habitat through life cycle<br>• Plugs and quart/gallon pots with moderate diversity – approximately $1-12 per plant or $1-$36 per 1-gallon container. Budget for gardening tools (e.g., small spades, gloves) and labor costs to prep, install, and maintain | • Large uniform lands > 0.5 acres (e.g., ROWs, swaths of mowed lawn surrounding buildings/structure)<br>• Maintenance activities not available more than once monthly, even during establishment<br>• Goal of integration of conservation site management into operations<br>• Objective of broad wildlife value acceptable (vs. specific high pollinator value)<br>• Pre-made base seed mixes with minimal diversity – approximately $120-$500 per acre<br>• Seeding equipment rental (e.g., native seed no-till drill) – from $10/acre<br>• Budget for labor costs to prep, install, and maintain |



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## Part Three: Management | Monitoring for Success

Documentation of project activities, monitoring of progress and outcomes, and evaluation of biodiversity projects is central to a robust and sustainable conservation program.

*Documentation of Activities*

Documentation of decisions, actions, and collaboration is encouraged during the planning, implementation, and long-term maintenance of any project. In the case of conservation programs targeting pollinators and their habitats, the following list includes recommended documentation SP members should capture for each project:

- Design and planning decisions and reasoning, including reliance on local or regional alignments
- Conservation objective
- Baseline habitat or species data, including scientific names, locations on site or within the existing habitat, and photos
- Species planted or seeded, with scientific names, location within project area, date installed
- Photos of habitat changes over time and of implementation activities and/or events
- Copies of source material used to inform the project, education and awareness activities, or about target species (e.g., receipts, alignment research, recommendations, meeting minutes, etc.)
- Maintenance records with dates, such as watering, weeding, and plant replacement
- Record of hours spent on planning and implementation efforts
- Monitoring protocols and the frequency of use to assess progress towards the conservation objective
- Monitoring data (discussed later in this section)



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## Part Four: Leveraging | Engaging Stakeholders

Successful programs rely on more than a financial contribution by companies - success is all about people.

Pollinator projects can be utilized to proactively engage stakeholders based on a wide variety of interests across various stages of project development. Active stakeholder engagement, referred to here as partnerships, can be internal or based on external collaboration. Inspiration for partnership opportunities is provided in Table 3.

TABLE 3: PARTNERSHIP OPPORTUNITY SUMMARY

| | Internal Stakeholders | External Stakeholders |
|---|---|---|
| Design & Planning | • Provide insight into what resources are available and help identify projects, as well as build implementation and maintenance schedules. | • Assist in defining conservation and education objectives that are meaningful to your community, region, or state; can help planning activities and support project selection. |
| Implementation | • Project-specific activities like planting and outreach events can be supported by internal volunteers. | • Provide credibility to project-specific activities and can support events, planting days, and education about conservation. |



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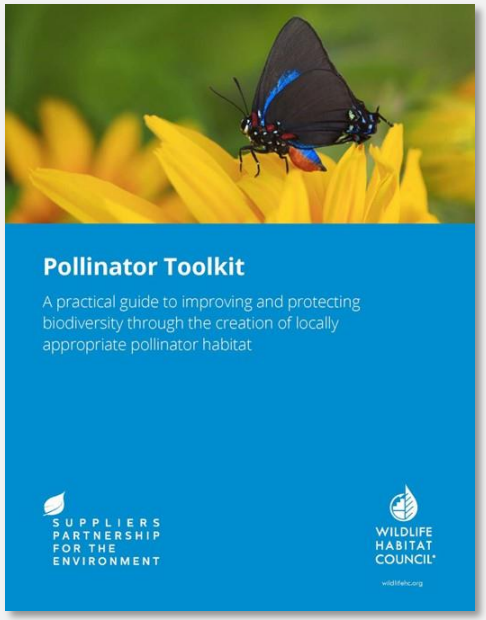
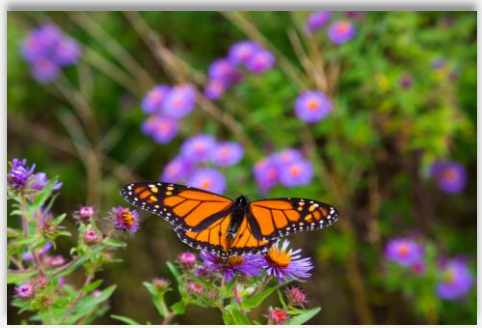
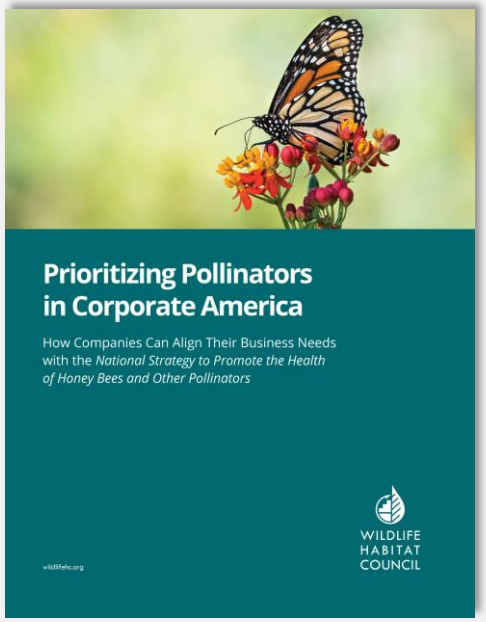
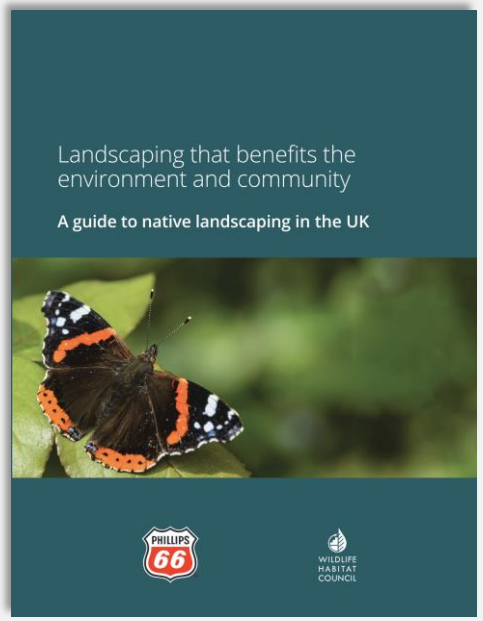
# Pollinator Project Resources

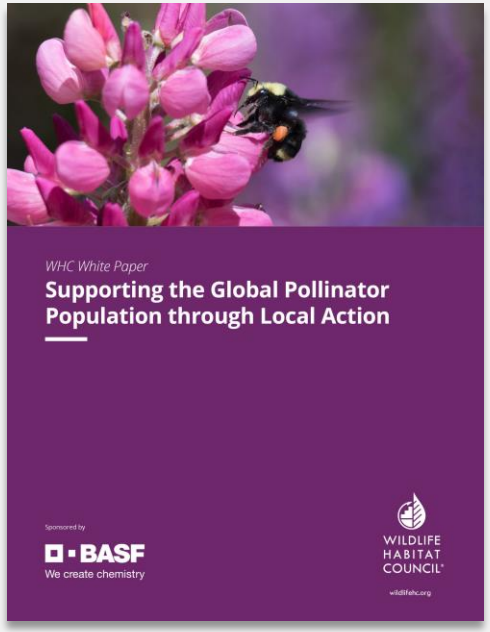


[Joining Forces with USFWS to Save Monarch Butterflies in the Southeast]





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# WM Bucks County Landfill

- Waste Management's Bucks County Landfill is a working landfill located just north of Philadelphia.
- The project team has designed a demonstration garden of 0.11 acres for pollinators and converted a 0.40-acre hay field into a wildflower meadow.
- The garden and meadow habitats are connected to other adjacent pollinator habitats and have served as a focal point for the local community to learn about, and engage in, pollinator conservation practices.
- The project team has carefully selected the conservation objectives by which success is measured. These include broad categories of promoting a healthy habitat for pollinators and increasing community awareness of pollinator conservation.

# Toyota Motor Manufacturing Texas

- Toyota's environmental objectives seek to ensure all their facilities operate in harmony with nature through promotion of biodiversity, conservation of pollinators, removal of invasive species and the education of their employees and local community.
- To support these objectives in San Antonio, there is a 76.36-acre native grassland managed to support native wildlife and pollinator species, a 0.7-acre landscaped pollinator garden and efforts to exclude the invasive feral hog.
- Education opportunities for the local community are provided through Earth Day events, an outdoor pollinator demonstration garden and engagement with local partners.

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# How to Get Started

**Step 1: Join the SP Pollinator Challenge.**

We invite companies in the automotive value chain to consider signing on to the SP Pollinator Challenge and volunteering to work to implement/expand a pollinator project at one (or more!) of your sites within the next 12-months.

We understand that not every project will be successful, but ask that you commit to *try it* and report back on your results.

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# How to Get Started

**Step 2: Use the SP / WHC Pollinator Toolkit.**

SP worked with the Wildlife Habitat Council (WHC) to develop a practical step-by-step guide to improving and protecting biodiversity through the creation of locally appropriate pollinator habitat.

This freely available toolkit provides practical information to support pollinator communities with a garden or a grassland habitat enhancement activity suitable to many automotive sites.

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# How to Get Started

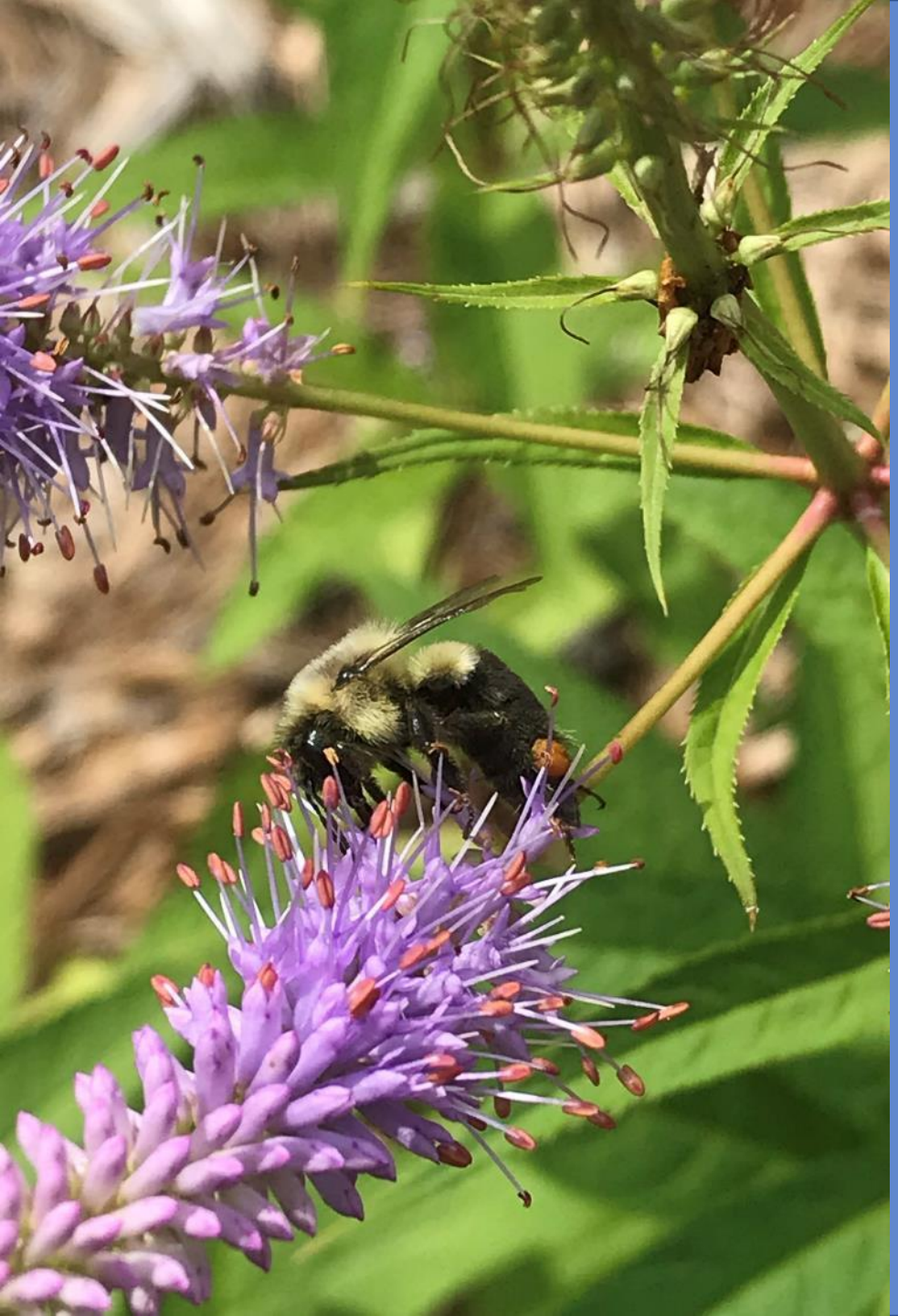
## Step 3: Report on Your Pollinator Project

Already implemented a pollinator project at one of your sites?

Use SP's simple web-form to report new / updated pollinator project results for a single site. A downloadable template is available for use in reporting on projects across multiple sites.

Project reports are accepted on a rolling basis.

**New data for 2022 projects is requested to be submitted by January 15, 2023.**



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# Take the Challenge

**Working together we can implement conservation projects that are individually meaningful, yet collectively groundbreaking. Please join us!**

**Learn more and get started at: https://www.supplierspartnership.org/pollinator-project-challenge/**

# Questions?

**As a reminder:**

- Please use the “Q&A” window to ask question of our panelists.