

# Commitment to Nature Positive

U.S. West Nature  
Positive Services





# What is Nature Positive?



Our world must not only become net zero, but also **nature positive**, for the benefit of both people and the planet.”

— G7 Nature Compact 2021



By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people.”

— 2022 Kunming-Montreal Global Biodiversity Framework

Nature has been elevated as a global priority, given the clear link between the biodiversity and climate crises. Nature Positive means going above and beyond minimizing impacts. A nature-positive approach enriches biodiversity, stores carbon, enhances resiliency, supports food and water security, and protects clean water and air.

Businesses and organizations are aiming to become Nature Positive to limit long-term risks and unlock potential opportunities. In the finance sector, the new taskforce on nature-related financial disclosures will help direct investments towards a nature-positive future.

- Create business value
- Engage stakeholders and measure sustainability performance
- Safeguard business dependencies by enhancing climate and biodiversity resilience
- Introduce potential revenue opportunities with the emergence of nature and biodiversity markets
- Meet disclosure and reporting requirements e.g., Taskforce on Nature-related Financial Disclosures (TNFD), Science Based Targets Network (SBTN)
- Change management

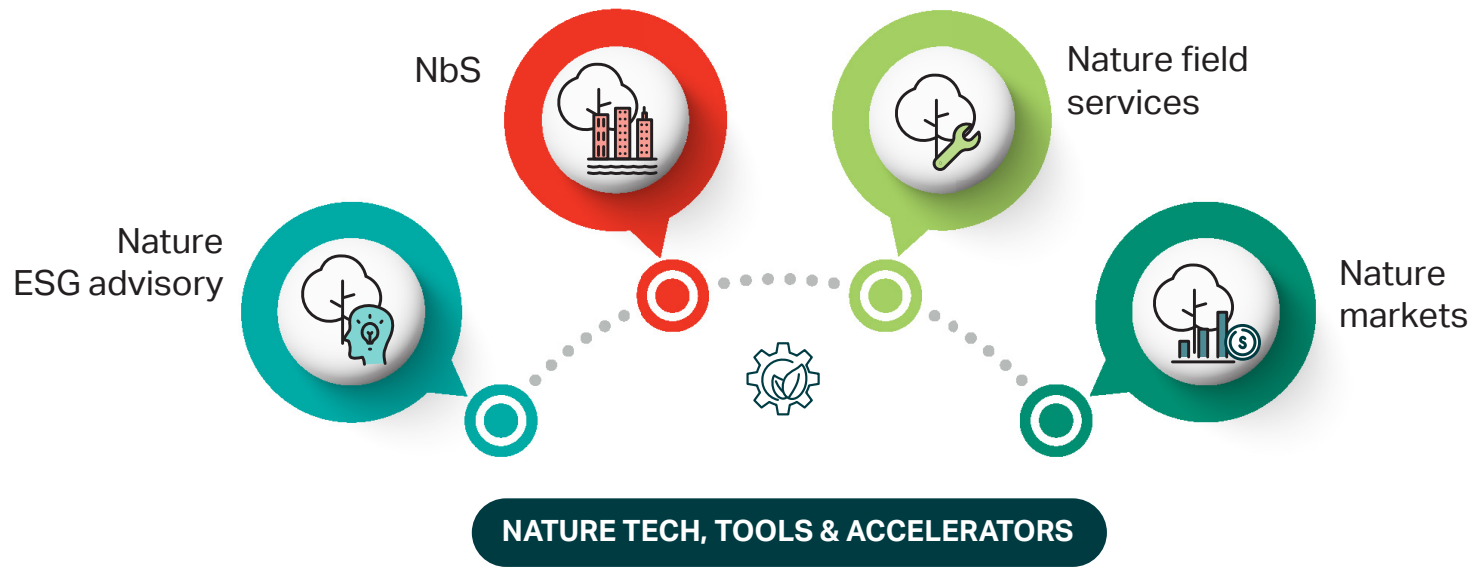
**WE ARE HERE TO HELP.**



# How do we help you become Nature Positive?

## Nature Positive as a Service

Both organizations and projects can be nature positive — AECOM has a strong track record of delivering nature-positive outcomes, and our multidisciplinary teams are recognized industry leaders, delivering guidance in this field. Our nature-positive services are grouped into four main categories, **nature environmental, social, and governance (ESG) advisory**; **nature-based solutions (NbS)**; **nature field services**; and **nature markets**. All our services are supported by development in nature technology and tools.



## Nature ESG advisory

We support our clients in their journey to becoming nature positive, undertaking assessments and analysis to help them identify impacts, risks and dependencies on nature. Once identified, we help our clients prioritize and plan to help their organization become resilient for the future. We are teaming with clients to undertake disclosures (e.g., TNFD, SBTN) and to help them on the ground — baselining, assessing impacts and facilitating ecosystem restoration.

## Nature-based solutions

We employ NbS to solve complex problems such as climate hazards and impacts using nature to enhance resilience while also storing carbon and benefiting biodiversity through habitat restoration. In the U.S. West, AECOM has a strong track record in designing and implementing wildlife crossings, habitat restoration, regenerative agriculture techniques, as well as urban NbS such as green storm water infrastructure.

## Nature field services

AECOM has decades of experience in nature field services, including environmental and biodiversity baselining, monitoring and evaluation, using both traditional field techniques and modern technology, such as eDNA, bioacoustics, remote sensing and artificial intelligence. Depending on our client's project, we can advise what to target through data collection, balancing the right effort alongside cost and deploying nature tech where appropriate. Our nature field services can be applied to all nature-positive services.

## Nature markets

Nature markets are emerging around the world, either as part of national or regulatory schemes, or through voluntary markets, allowing investment to flow into nature conservation and restoration. AECOM's global expertise in already established markets like Biodiversity Net Gain in the U.K., and membership to organizations such as the Biodiversity Credit Alliance, puts us in good stead to assist our clients in engaging with these emerging nature markets. We are helping clients develop financial systems as part of nature-positive initiatives, as well as advising on and setting up restoration projects that could be used to generate credits.



# Nature-positive solutions and biodiversity



## Biodiversity Assessment and Plan

Client: Confidential  
Location: Washington

AECOM is supporting the client on preparing a biodiversity management plan to align with their organization’s Biodiversity Vision which includes net positive biodiversity language. AECOM performed field surveys and vegetation mapping and assessment as part of the biodiversity management plan. AECOM is also supporting the client with identification of potential conservation opportunities, partnerships with local indigenous group, and partnerships with local land stewardship organizations.

### Services include

- Biodiversity management plan
- Biodiversity assessment



## Texas Coastal Resiliency Master Plan

Client: Texas General Land Office (GLO)  
Location: Texas

AECOM has been supporting the Texas GLO on multiple iterations of the Texas Coastal Resiliency Master Plan since 2017 and recently completed the 2023 Plan. The Resiliency Master Plan is an ambitious planning effort to restore, protect, and enhance more than 367 miles of coast, and 3,300 miles of bays and estuaries for the State of Texas. The Resiliency Master Plan emphasizes shoring up the coast by using nature- and infrastructure-based projects that are reviewed by a Technical Advisory Committee of over 200 coastal experts and stakeholders. The recommendations made in the Resiliency Master Plan are backed by current findings on Texas coastal environments, storm surge and relative sea level rise predictions, economic benefits, and ecosystem services, among others.

### Services include

- Facilitation of stakeholder engagement and collaboration
- Coastal modeling
- Climate change adaptation planning



## Natural Capital Asset Register and Revenue Generating Opportunities

Client: Nuveen  
Location: California

AECOM is supporting an agricultural client with large land holdings by identifying opportunities for generating nature-based site-specific revenue from multiple properties within their sustainable agriculture portfolio.

The approach for this work is multi- faceted and includes conducting a modified natural capital assessment (Ecolite Assessment). The Ecolite Assessment encompasses an asset register which evaluates the current state of natural capital assets present on site to provide a baseline. This informs what management changes and landscape modifications could positively impact natural capital and generate income. The outcome identifies the full suite of opportunities for the site including revenue generation opportunities, presented in a tiered system, with the potential for logical benefits, and avoided costs.

### Services include

- Natural capital accounting



## Crimson Solar Project Nature-Positive ESG Opportunities

Client: Recurrent Energy  
Location: California

AECOM is supporting Recurrent Energy, a wholly owned subsidiary of Canadian Solar Inc., with the identification of ESG opportunities for the Crimson Energy Storage Project and Cobalt Solar Project. AECOM provided Recurrent Energy with a report identifying ESG opportunities that are specifically nature-positive, and focus on options that Recurrent Energy can perform on site-rather than offsetting biodiversity loss with enhancements elsewhere. The nature-positive ESG opportunities were identified as high-level recommendations, with timelines and preliminary cost estimates. Also presented at a conceptual level within the report are natural capital assets, which could bring financial benefits to Recurrent Energy and Canadian Solar through a direct revenue-generating stream or other economic incentives.

### Services include

- Nature ESG advisory
- Natural capital accounting



## Highway 17 Wildlife Crossing Project

Client: Midpeninsula Regional Open Space District  
Location: California

AECOM is serving Midpeninsula Regional Open Space District on a wildlife connectivity project in California at an area identified by the California Department of Fish and Wildlife as a top priority barrier to wildlife movement in California. This project will allow for critical genetic exchange for a variety of animals including mountain lions. The project also provides regional trail connectivity through a pedestrian overpass separated from the wildlife crossing. Significant improvements for drivers are anticipated related to highway safety and reduced costs associated with wildlife-vehicle collisions. Project design features include large culvert-style undercrossing, directional fencing, wildlife escape ramps, and noise barriers. AECOM provided conceptual design, visual renderings and landscape simulations, field surveys, technical report writing, and environmental permitting support for the project.

### Services include

- Biodiversity planning
- Advance mitigation planning
- Ecological design and implementation



# Nature-positive solutions and biodiversity *continued*



## Review of Nature Related Frameworks

Client: Asia-based Energy Supplier  
Location: Texas

AECOM is supporting an energy supplier in developing strategic sustainability framework emphasizing nature and aligning with the TNFD, the SBTN and alignment with Ipieca principles of climate, nature, people and sustainability.

AECOM provides this support through a nature-related framework evaluation matrix and support report.

### Services include

- Strategic nature-related sustainability framework



## Cleveland National Forest Powerline Projects Restoration Services

Client: San Diego Gas & Electric (SDG&E)  
Location: California

AECOM is providing comprehensive restoration services for SDG&E's multi-phased Cleveland National Forest Powerline Replacement projects, which includes replacement of approximately 1,400 existing wood poles with fire-resistant steel poles and associated improvements along 19 transmission and distribution lines in eastern San Diego County. Services included preparation of the Habitat Restoration Plan and Special-Status Plant Salvage and Relocation Plan, permit compliance, collection of pre-construction baseline data, native seed procurement, special-status plant assessments, data management, technical oversight during construction activities, and coordination with the U.S. Forest Service. Project included seed collection and seeding of temporary disturbance areas for restoration and stabilization, supported by our in-house collection services.

### Services include

- Fire resiliency and restoration
- Seed collection



## Biochar Impacts on Grassland and Forest Rehabilitation Projects

Client: Midpeninsula Regional Open Space District, East Bay Regional

AECOM is serving clients on new projects which aim to study the utility and ecological safety of applying biochar and other organic amendments such as compost on California grassland and forest ecosystems undergoing restoration. Biochar amendment is being evaluated for its potential to sequester carbon as well as provide other ecosystem benefits such as improvement of native plant re-establishment. These long-term studies will monitor the influence on biochar amendment on native seeded and resident grassland species as well as soil chemical and physical properties over time. Soil carbon sequestration potential of biochar application will be assessed as a natural carbon removal technology. This project also helps the client to find solutions to more sustainable waste management pathways by diverting organic and biomass waste and byproducts from landfills..

### Services include

- Regenerative agriculture design
- Sustainable waste management



## Bolinas Lagoon North End Restoration

Client: Marin County Parks and Open Space District  
Location: California

AECOM conducted phases I and II of the North End Wetland Enhancement Adaptation Project, which is a long-term project with the goal of better understanding climate change effects of sea level rise and developing conceptual designs to implement NbS to alleviate flooding of County and State roadways, improving riparian and creek functions, enhancing wetland habitats, and allowing for future expansion of Bolinas Lagoon as sea level rises.

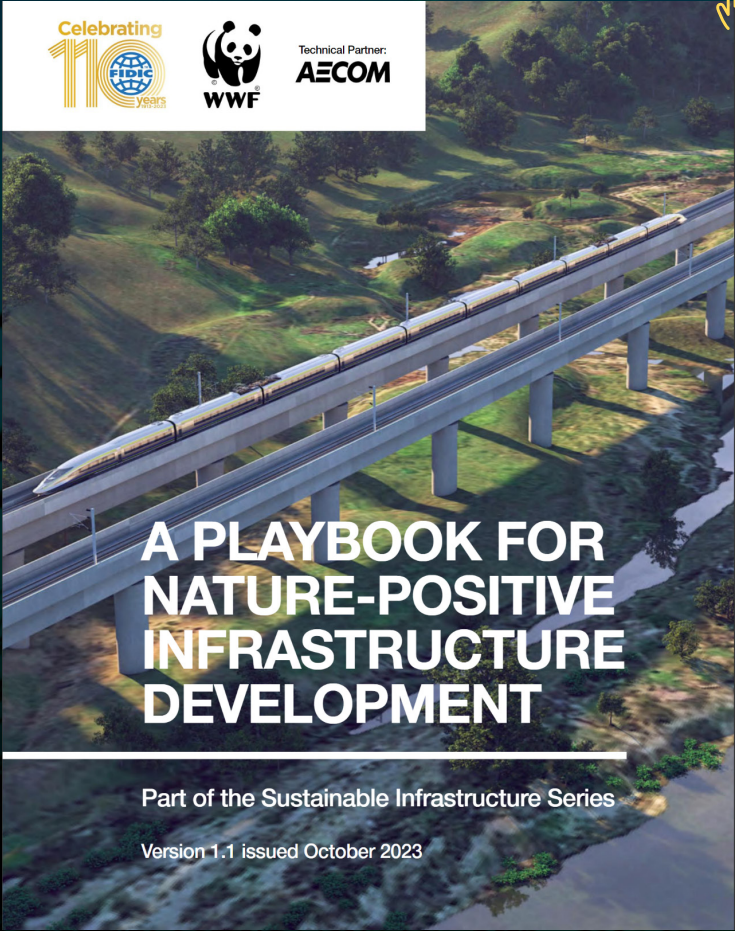
### Services include

- Climate change adaptation planning
- Ecological design





# Partners in nature positivity



## WWF and FIDIC, Nature Positive Infrastructure: Playbook for Nature Positive Infrastructure Development

AECOM was the technical partner working with FIDIC, the International Federation of Consulting Engineers and the World Wildlife Fund on the Playbook for Nature-Positive Infrastructure Development. This playbook was developed as a guide for infrastructure practitioners to identify and select potential solutions for their projects by presenting a number of example case studies that relied on NbS or that incorporated green and green-grey infrastructure solutions.



## The Nature Conservancy, Promoting Nature-Based Hazard Mitigation through FEMA Mitigation Grants

AECOM developed guidance documents, trainings and case studies for The Nature Conservancy to help implement NbS to mitigate natural disasters. The guidance document considers coastal flooding and wildfire risks.



## About AECOM

AECOM is the global infrastructure leader, committed to delivering a better world. As a trusted professional services firm powered by deep technical abilities, we solve our clients' complex challenges in water, environment, energy, transportation and buildings. Our teams partner with public- and private-sector clients to create innovative, sustainable and resilient solutions throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. AECOM is a Fortune 500 firm that had revenue of \$16.1 billion in fiscal year 2024. Learn more at [aecom.com](https://aecom.com).