

BIODIVERSITY AND VEOLIA

Asia Edition



ABOUT THIS SPECIAL ISSUE

Discover the rich biodiversity thriving within sites in Asia that are managed by Veolia. From vibrant wetlands to urban green spaces, our sites host diverse species documented through citizen science initiatives and ecological assessments. Featuring photos submitted by our staff in the Asia Biodiversity Photo Competition and also data from local ecologists, this special issue highlights the unique flora and fauna living alongside our operations. Use it onsite to observe, identify, and connect with nature. Together, we protect ecosystems and inspire a sustainable future.

ABOUT VEOLIA

Veolia, a global leader in environmental services, works every day to build ecological security for the benefit of public health and the competitiveness of industries and regions. With 215,000 employees across five continents, working closely with local communities, and thanks to its cutting-edge technologies, the group cleans up pollution, reduces carbon emissions, and regenerates resources through concrete solutions that combine its expertise in water and water technologies, waste - including hazardous waste management, and local energy. In 2025, the Veolia group served 110 million people with drinking water and 97 million with sanitation, produced 45 million megawatt hours of energy, and treated 64 million tons of waste. Veolia Environnement (Paris Euronext: VIE, Fortune 500, SBF 120) generated consolidated revenue of €44.4 billion in 2025.

www.veolia.com

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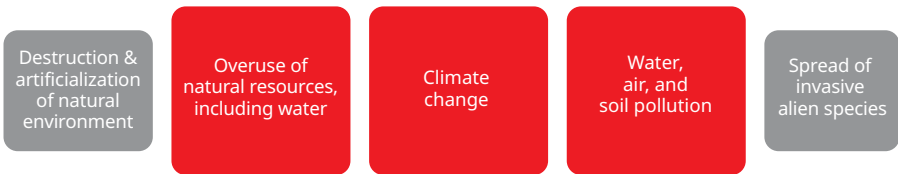
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OUR BUSINESS AND NATURE

Veolia's activities decarbonize, depollute, and regenerate resources. Consequently, these activities help preserve natural environments (water, air, and soil) and reduce three of the five pressures on biodiversity loss resulting from the activities of the company's municipal and industrial customers, namely overuse of natural resources, including water; climate change; and pollution.

While our activities enable us to reduce pressure factors on biodiversity, they are also strongly dependent on the proper functioning of the ecosystem services that nature provides. For instance, drinking water production depends directly on the proper functioning of the large water cycle, waste storage and composting and treatment of polluted soil utilising the structure and nature of soil, and its biological process to break down organic matters.



Veolia activities contribute to significant reduction in three of the five pressures on biodiversity identified by IPBES

BIODIVERSITY IN GREENUP, OUR STRATEGIC PROGRAMME

Veolia's multifaceted performance provides the direction for the Group's business activities, enabling it to find a balance between its five dimensions of performance – economic and financial, commercial, human resources, social, and environmental – to create the maximum sustainable impact. Depollution - Biodiversity is among one of the 15 multifaceted performance objectives in our strategic programme, GreenUp.



Veolia's Purpose



Veolia's first biodiversity report (2024)





OUR APPROACH

Veolia aims to transform the major sites it operates worldwide into biodiversity reservoirs. This involves dedicated action plans for the sites with the highest ecological potential, and more broadly, ecological management of the land assets under Veolia's control.

Use of zero phytosanitary products | 100+ sites

Ecological management for sites with green space >1 hectare | 50+ sites

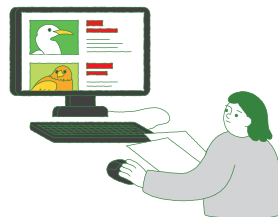
Improve the biodiversity and environmental footprints for sensitive sites | 7 sites

Actions in Asia targeted sites

ASIA INITIATIVES

Biodiversity monitoring & inventory: We conduct formal ecological assessments to monitor our environmental footprint and maintain a species inventory. To augment this data, we host a staff biodiversity photo competition; these employee observations provide valuable 'eyes on the ground' that complement our official findings.

Cultivating awareness: To build awareness and transparency around our ecological commitments, we host a variety of educational initiatives. These range from digital learning resources and hands-on workshops to deep-dive sessions with green space management experts.



THE TRANSFORMATION OF NIUKOUYU WETLAND



📍 Beijing, Mainland China BU



In partnership with Beijing Yanshan PetroChemicals, we revitalized a former industrial wastewater reservoir into the **Niukouyu Wetland Park**. Since 2017, by introducing high-purification aquatic plants, the water quality has naturally restored. Today, this flourishing sanctuary hosts **8 damselfly species, 19 dragonfly species, 56 plant varieties and over 140 bird species**, including the rare reed parrotbills and storks. Complete with bird-watching trails and leisure zones, the park serves as an eco-education hub, inviting the public to immerse themselves in the harmonious coexistence of humanity and nature.

FROM WASTE-TO-ENERGY PLANT TO GREEN SUSTAINABILITY PARK

📍 Chiayi, Taiwan BU



The Chiayi LuTsao waste-to-energy plant has shed its "NIMBY" (not-in-my-backyard) image, emerging as a pioneering model of industrial-ecological



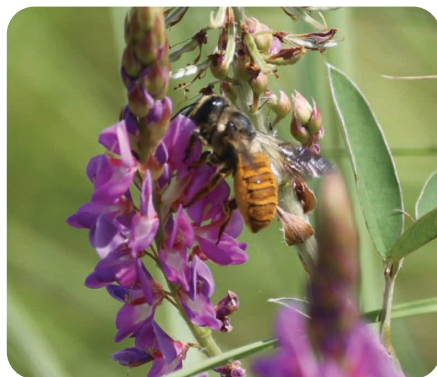
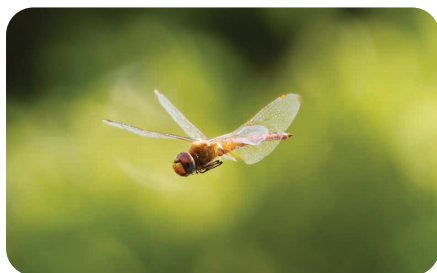
synergy. Following a NT\$1.4 billion upgrade, the site now serves as the Hebaoyu Green Sustainability Park, where circularity meets conservation and wellness. The park features ecological trails paved with eco-bricks repurposed from 80,290 tons of bottom ash, alongside a **3,000 m² habitat** restored to nurture **650 endemic *Chrysanthemum arisanense***. With wellness facilities powered by residual industrial heat and an environmental education center which has served over 4,200 citizens, the facility has evolved into a vibrant community hub where industry and nature flourish together.



RESTORING HABITATS AT LANDFILLS

📍 New Territories, Hong Kong & Macau BU

Hong Kong's landfills are evolving into vital biodiversity assets. The strategic restoration targets grassland, shrubland, and woodland habitats. The sites undergo active habitat management, invasive species control, and expert ecological monitoring, including the use of biological indicators such as oyster and algae. Through the baseline assessment, it is discovered that two of the landfills we operate support **over 300 plant species, 56 bird species, 72 butterfly species and 65 other pollinators**. Besides, the restored and active landfill teams are committed to biodiversity awareness raising with a record-breaking 420 entries from our employees in the Asia Biodiversity Photo Competition.



FROM BARREN TO GREEN: REIMAGINING AN INDUSTRIAL LANDSCAPE

📍 Ankleshwar, India BU



Before



After

At our hazardous waste treatment site in India, a **3,000 m²** barren patch was transformed into a thriving Miyawaki forest. Since 2023, our team has performed extensive soil treatments, densely planting **10,000 saplings across 40 indigenous species**. Inaugurated in January 2026, this resilient ecosystem now enhances biodiversity, air quality, and creates a cooler microclimate. This green retreat space also fosters employee well-being by providing a vital connection to nature within an industrial zone.

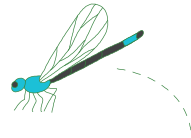
INTEGRATING NATURE'S RHYTHMS INTO UTILITY OPERATIONS

📍 Ishikawa Prefecture and Shizuoka Prefecture, Japan BU

In Japan, we are redefining environmental stewardship by integrating nature's own rhythms into our utility operations. In Kahoku city, grazing goats have replaced mechanical mowers and chemicals. By consuming the invasive *Coreopsis lanceolata*, they minimise carbon emissions and noise while naturally maintaining the landscape. Similarly, our Hamamatsu site utilises professional falconry to maintain operational order. Every two months, a master falconer and trained hawk patrol the facility, successfully deterring crows and pigeons through natural territorial balance.



OFFICE IN THE WILD, WILD IN THE OFFICE



Indonesia, Southeast Asia BU

At our Medan facility, an oriental forest lizard perches on a perimeter fence, a calm observer of industrial life. While in the Pasuruan facility, damselflies navigate our halls as natural regulators of insect population, while a camouflaged frog blending into a concrete wall illustrates nature's profound adaptability. We embrace these daily encounters through a culture of respectful non-interference, proving that ecological interconnectedness is not restricted to the wilderness. It thrives directly within our shared operational footprint — wherever we welcome it.



UNITED FOR THE COAST: EMPLOYEE-LED HABITAT PROTECTION

South Korea BU



Across 11 project sites, 191 employees have stepped beyond their professional roles to become guardians of the coast. Through year-round voluntary cleanup campaigns, they remove waste to protect local habitats and preserve the delicate balance of marine biodiversity. These meaningful, employee-led initiatives also cultivate a vibrant community pulse and a deep sense of shared purpose.

ASIA BIODIVERSITY PHOTO COMPETITION 2025

Award-winning entries and featured species curated from 1800+ submissions around Asia

Foxtail Barley*
Hordeum jubatum
📍 Harbin, China BU
📷 SUN Dedong

Typical Swallows
Genus Hirundo
📍 Weinan, China BU
📷 LI Hui

Firethorn
Pyracantha coccinea
📍 Ulsan, South Korea BU
📷 Jihoon KWAK

Holarctic Treefrogs
Genus Hyla
📍 Wonju, South Korea BU
📷 Jungyun KIM

Japanese Freshwater Crab
Geothelphusa dehaani
📍 Ehime, Japan BU
📷 Masaya FUJIURA

Palms
Family Arecaceae
📍 Delhi, India BU
📷 Sanjeev SAGAR

Goldenrods*
Genus Solidago
📍 Saitama, Japan BU
📷 Kazuki UMEDA

Fruit and Flower Chafers
Subfamily Cetoniinae
📍 Nagpur, India BU
📷 Krishna SEDANI

Hestina
Genus Hestina
📍 Tokyo, Japan BU
📷 Saori INAGAKI

Featured species:
Each species shown is native to its region and holds importance in local traditions or conservation.

- 1 Sacred Fig | Mohali, India BU
- 2 Indian Peafowl | Mohali, India BU
- 3 Five-striped Palm Squirrel | Delhi, India BU
- 4 Sacred Lotus | Nagpur, India BU
- 5 Sweet Olive | Chengdu, China BU
- 6 Reed Parrotbill | Beijing, China BU
- 7 Boreal Digging Frog | Binzhou, China BU
- 8 Yulan Magnolia | Changzhou, China BU
- 9 False Groundnut | North District, Hong Kong & Macau BU
- 10 Leafcutting bees | Tuen Mun, Hong Kong & Macau BU
- 11 Tailed Cupid | North District, Hong Kong & Macau BU
- 12 Richard's Pipit | Tuen Mun, Hong Kong & Macau BU
- 13 Flamegold Rain Tree | Taichung, Taiwan BU
- 14 Taiwan Blue-Magpie | Miaoli, Taiwan BU
- 15 Alishan chrysanthemum | Chiayi, Taiwan BU
- 16 Common Bluebottle | Taichung, Taiwan BU
- 17 Commas | Dangjin, South Korea BU
- 18 Amur Carp | Cheongju, South Korea BU
- 19 Palearctic Treefrogs | Wonju, South Korea BU
- 20 Korean Nut Pine | Ulsan, South Korea BU
- 21 False Bindweeds | Miyagi, Japan BU
- 22 Gaudy Grasshoppers | Chiba, Japan BU
- 23 Japanese Fire-bellied Newt | Shizuoka, Japan BU
- 24 Cherry Trees | Aichi, Japan BU
- 25 Coconut Palm | Medan, Indonesia, Southeast Asia BU
- 26 Felt Ferns | Medan, Indonesia, Southeast Asia BU
- 27 Forktails | Pasuruan, Indonesia, Southeast Asia BU
- 28 Common Southeast Asian Tree Frog | Pasuruan, Indonesia, Southeast Asia BU

BU: Business Unit of Veolia in Asia

White-crested Laughingthrush*
Garrulax leucolophus
📍 Singapore, Southeast Asia BU
📷 Mengyun LIM

Taiwan Barbet
Psilopogon nuchalis
📍 Kaohsiung, Taiwan BU
📷 Yinghui WU

Dwarf Ixora
Ixora williamsii
📍 Pasuruan, Indonesia, Southeast Asia BU
📷 Kiki WULANSARI

Variegated Croton
Codiaeum variegatum
📍 Island District, Hong Kong & Macau BU
📷 Rosetta LIN

Golden Shower Tree
Cassia fistula
📍 Tainan, Taiwan BU
📷 Ruiyi WANG

Small Carpenter Bees
Subgenus Ceratinidia
📍 North District, Hong Kong & Macau BU
📷 Jacky LAU

Captured by our employees and selected through online voting, these winning entries showcase the diverse range of species found across our facilities. The collection features a blend of native, naturalized, and invasive species*, reflecting both the beauty of our local landscape and also the ecological realities and challenges shared by the wider region.