



Veolia's Biodiversity Policy

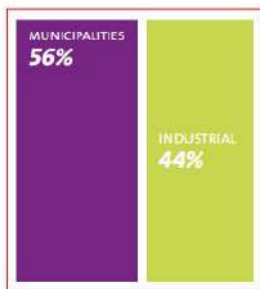
From Corporate Commitment to On-Site Implementation

VEOLIA GROUP GLOBAL OVERVIEW - OUR 3 MAIN BUSINESSES

REVENUE BREAKDOWN



BREAKDOWN OF THE GROUP'S CUSTOMER BASE



Internationally present, serving both municipalities and industries, Veolia operates across 3 main business lines.

1



WATER

111
million people supplied
with drinking water

98
million people connected
to wastewater systems

3,879
drinking water production
plants managed

3,198
wastewater treatment
plants managed

2



WASTE

43
million people provided
with collection services
on behalf of municipalities

65
million metric tons
of treated waste

572,834
business clients

861
waste processing
facilities operated

3



ENERGY

42
million MWh
produced

49,037
thermal installations
managed

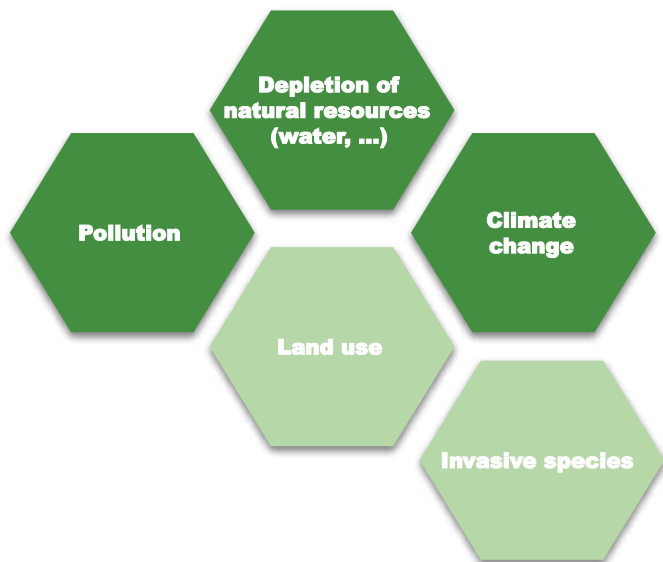
604
heating and cooling
networks managed

2,043
industrial sites
managed

Biodiversity is at the heart of our activities :

Veolia's activities globally reduce pressures on biodiversity

Veolia's activities contribute to significant reductions in three of the five pressures on biodiversity identified by IPBES ("IPCC of biodiversity").



Source : IPBES

- **Waste collection and treatment** to limit the dispersal of urban and industrial pollution into soil, bodies of water, and the atmosphere
- **Wastewater treatment and reuse activities** to maintain water quality, watercourse levels and protect resources
- **Development of centralized urban heating networks** with monitoring and certified biomass selection to reduce environmental impact
- **Production and sale of recycled organic fertilizers** as part of sustainable agriculture to balance ecosystems

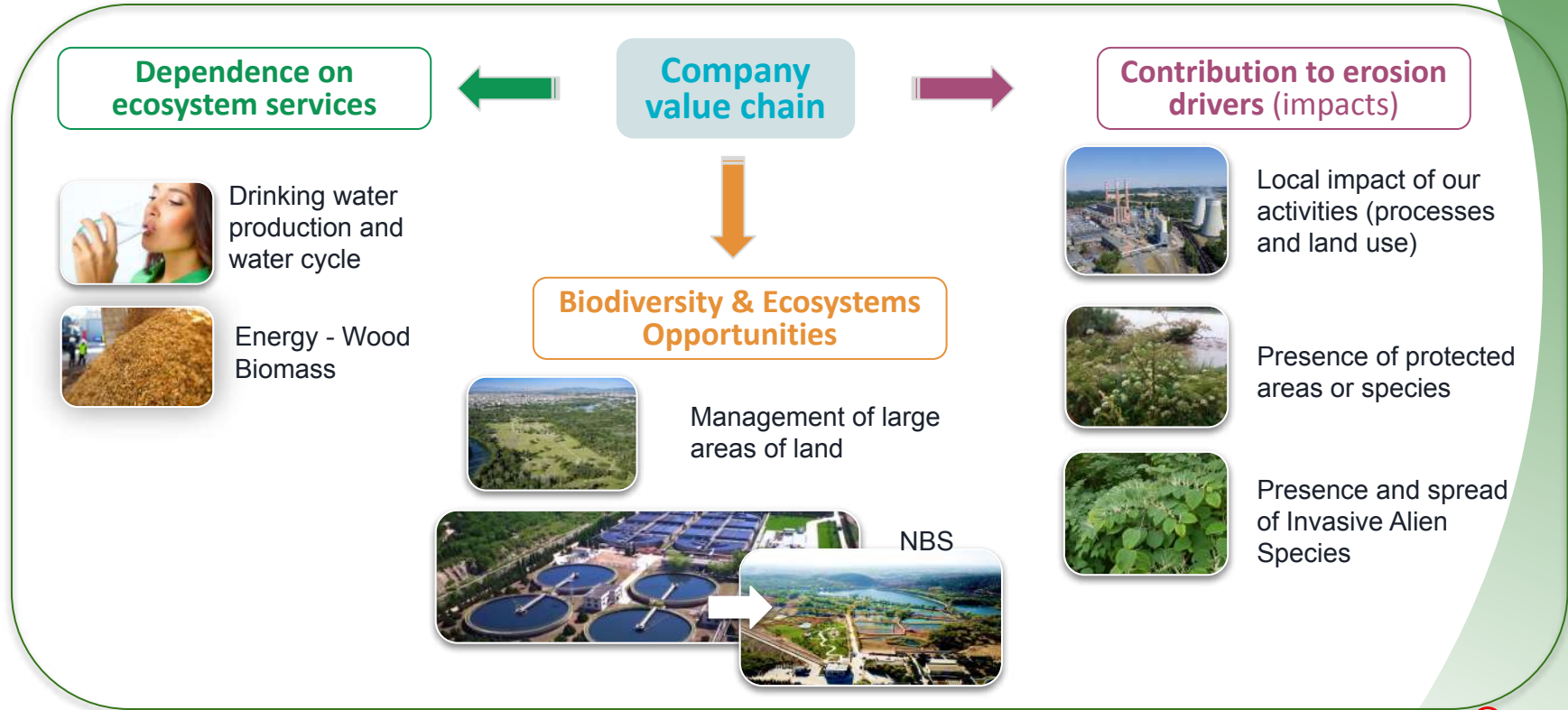
2030 AMBITIONS



+50% of revenue Water technologies and Hazardous waste treatment
+12 Mt hazardous & polluting waste treated

Biodiversity is at the heart of our activities :

Veolia's interdependence with nature





Veolia's biodiversity commitments

OUR COMMITMENT MULTIFACETED: PERFORMANCE

Veolia's **Purpose** is the compass that guides its strategic choices and activities, reflected in a commitment to multifaceted performance that creates value for all stakeholders.

Veolia is committed to placing the same level of attention and demands on its economic, financial, commercial, human resources, social and environmental performance.

This commitment guides us in how we support our **customers**, seeking the most effective solutions in technical and economic terms, but that also have a positive impact for people and the regions.

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La biodiversité dans la Performance Plurielle de Veolia

- Decarbonization : scope 1 and scope 2
- Decarbonization : transformation of our assets
- Sustainable management of water resources and resource preservation
- **Depollution / Biodiversity**



Group's main KPI :

85 % progress on action plans aiming to improve the ecological footprint of “sensitive sites” by end 2027 (~160 sites)



Veolia's commitments to biodiversity

DEPOLLUTING AND PROTECTING ENVIRONMENTS AND BIODIVERSITY



WHAT ARE THE GROUP'S ACTION PRIORITIES?

- Deploy **action plans** to protect and promote biodiversity at sites with high ecological stakes operated by the Group (known as 'sensitive sites').
- Adopt **nature preservation and restoration practices** everywhere, such as the elimination of phytosanitary products and ecological management across all sites.
- **Innovate** for our clients by promoting nature-based solutions and developing biomonitoring tools.
- **Raise awareness and involve** all the Group's stakeholders in its approach to protecting the environment and biodiversity.

Veolia's operational strategy : commitments and actions to preserve and restore nature for our customers

Protecting biodiversity on operational sites



- Veolia requires all sites that it operates to introduce **more virtuous practices for biodiversity**, irrespective of their sensitivity level:
 - **a zero-pesticide policy**
 - **ecological management** on sites >1 hectare of green space.
- **More than a hundred sites** worldwide identified as the most **sensitive** in terms of the richness of local ecosystems or the type of activity are subject to an **action plan following an assessment of their biodiversity footprint**

With our stakeholders



> Commitment since 2018, renewed in 2024

> 14 commitments aligned with COP15 (detail in appendix)

Follow on from our previous commitments, including

- quantified objectives applied to a wider scope (acquisition of Suez)
- new commitments rolling out solutions for its customers to **protect and restore biodiversity based on Veolia's performance and innovation policy**, and strengthening the focus on biodiversity within Group governance and in communications with its stakeholders (TNFD).

We are a TNFD
Early Adopter



**Veolia awarded as a TNFD
Early adopter**

> Disclosure of **impact and dependencies of the value chain** in line with TNFD (1) framework

Private and public customers have to reinforce their biodiversity policies

➔ *VEOLIA has already good practices, experience and innovative solutions to propose*

(1) Taskforce on Nature-related Financial Disclosures



**From commitment
to action**

BIODIVERSITY FOOTPRINT TOOL - IMPLEMENTING ACTION PLANS ON SENSITIVE SITES

85% progress of action plans to improve the biodiversity footprint of sensitive sites

WHO?

- > In 2023, Identification of ~160 sensitive sites based on criteria related to land impacts and process impacts of activities.
- > All these sites **will have to achieve a biodiversity footprint** and have **deployed their action plan by at least 85%** to meet the target set by the Group by 2027

Sensitive sites in all businesses (Waste, Water and Energy), **worldwide**

WHAT ?

- > The biodiversity footprint enables a comprehensive quantitative assessment of all biodiversity issues* at sensitive sites, similar to a carbon footprint
- > It enables a **site-specific action plan** to be drawn up for each site according to their highest stakes.
- > The footprint was **designed by Veolia, for its activities**, in collaboration **with ecological and LCA experts** (Ecosphere, 2EI, DEST, VEDIF, DD, IUCN France)

HOW ?

- > mandatory use of Footprint tool & Dedicated drive to deposit your footprints
- > **user guides** dedicated to the site manager and ecologist
- > mandatory **intervention of an ecologist** for the conduction of the footprints
- > the **rate of deployment of an action plan** is directly **calculated in the footprint tool**

BIODIVERSITY FOOTPRINT TOOL - An hybrid tool combining "Ecology" & "LCA" approaches

Measure qualitatively & quantitatively the pressures exerted by the site on ecosystems, but also its potential for conserving/restoring biodiversity

5 types of "biodiversity" issues assessed using a panel of quantifying indicators

Basic Actions + Tailored Actions



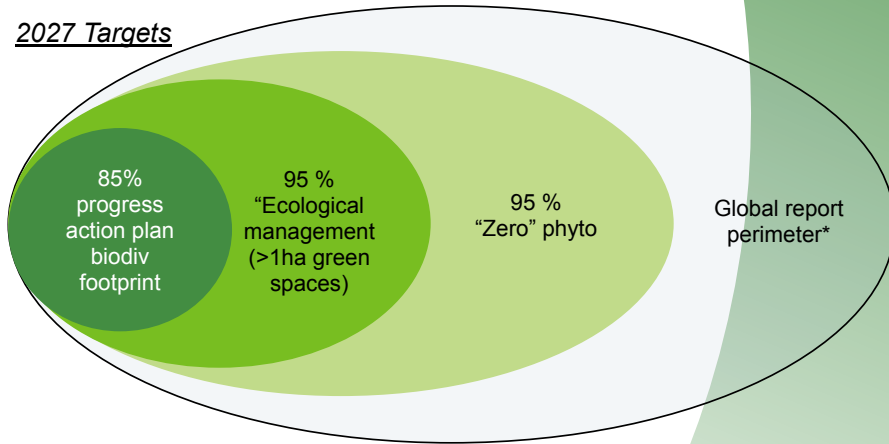
Biodiversity issues	Impact indicators
Loss and change of habitats	Habitat artificialization
	Habitat fragmentation
	Damage to general biodiversity
	Damage to rare or threatened species
	Site's location in a protected area
Invasive species	Spread of invasive species
Overexploitation of resources	Impacts on biodiversity due to stress on water resources

Biodiversity issues	Impact indicators
Pollution	Light pollution
	Soil and water eutrophication
	Soil and water ecotoxicity
	Air acidification & soil impacts
Climate change	Impacts on biodiversity due to CO ₂ eq. emissions

Objectives for More Virtuous Biodiversity Practices Across All Our Sites

> **Ecological management (mandatory for sites >1ha green spaces)** Providing quality services to our clients also involves optimal management of the spaces entrusted to us. The objective of ecological management is to accompany the transition of sites, and landscape professionals, towards practices that are more respectful of the environment.

> **Zero phytosanitary products:** The aim is to commit the Group to stopping the use of an increasingly controversial practice. For our sites, this transition implies a change in green space management standards (practices, aesthetics, etc.)





**An enhancer to our
commercial offer**

**in line with our
environmental protection
businesses**

Veolia: Responsible Actor and Solution Provider

Regarding its main economic stakeholders, Veolia is both :

- **For its customers, a solution provider** which contributes to reduce their environmental footprint by mitigating at least 3 of their 5 main pressures on biodiversity identified by IPBES* : pollution, climate change, invasive species**.
- **For its investors and regulators, a company** which has both to mitigate its risks and foster its opportunities by **increasing its own positive impacts** to nature and biodiversity and **decreasing its own negative impacts**.

Companies' disclosure are following regulatory (EU Corporate Sustainability Reporting Directive - CSRD), or voluntary frameworks led by financial institutions (TNFD, SBTn)

Biodiversity : An enhancer to our commercial offer

Essentiels

The essentials include all of the elements that Veolia has engaged itself on, ensuring compliance and going beyond industry standards. These actions are included in every offer and must be undertaken in all scenarios, providing a consistent foundation for all operations.

An integral part of Veolia's commitments

Basique

The basic package comprises all the mandatory elements from the essentials, ensuring compliance with required standards. Additionally, it includes specific elements tailored to enhance the overall offers made by our sales people to our clients, providing added value and addressing particular needs.

Premium

The premium package builds upon the essentials and basic elements, incorporating all mandatory and foundational components. In addition, it introduces new, advanced features designed to enhance performance and provide superior value, catering to more comprehensive and specialized needs.

Resource Library

Case Studies

Some examples ...

EN ÎLE-DE-FRANCE,

FAVORISER LA BIODIVERSITÉ DANS L'USINE DE CHOISY-LE-ROI

Pour permettre à la faune et la flore de s'épanouir en harmonie avec les activités du site de Choisy-le-Roi du Syndicat des Eaux d'Île-de-France (SEDIF), opéré par Veolia Eau d'Île-de-France, délégataire du SEDIF, de nombreuses actions sont mises en place : gestion différenciée (et sans produits

phytosanitaires) des espaces verts, installation de nichoirs et d'hôtels à insectes, monitoring de la faune présente... L'enjeu : contribuer à préserver la ressource en eau et à la lutte contre le dérèglement climatique, réduire l'empreinte environnementale du site et protéger la biodiversité.



NICHOIRS À CHAUVES-SOURIS
Chaque nuit, un suivi automatisé de la biodiversité prend en compte leur activité.



NICHOIRS À OISEAUX, accueillant des mésanges bleues et charbonnières.



PRÉSENCE DE CRICQUETS À AILES BLEUES (*Etiopoda caerulea*), une espèce protégée.



HÔTELS À INSECTES, servant de refuge à la biodiversité.

INSTALLATION D'UN CAPTEUR LEKO, pour assurer un suivi automatisé de la biodiversité.



LUTTE CONTRE LES ESPÈCES INVASIVES
Maîtrise des massifs de renouées du Japon (*Reynoutria japonica*) sur l'ensemble du site.



PRAÏQUE DE LA FAUCHE TARDIVE, pour favoriser l'épanouissement de la biodiversité sur le site.



NOTRE FIERTÉ



PRAIRIE FLEURIE, pour attirer et nourrir les pollinisateurs, dont les abeilles.

LUZERNE ORBICULAIRE (*Medicago orbicularis*)

Une plante très rare qui ne pousse qu'à 3 autres endroits en Île-de-France (Guillerval, Ormoy-la-Rivière, Abbéville-la-Rivière, communes situées dans le sud de l'Essonne).

L'usine de Choisy-le-Roi est propriété du Syndicat des Eaux d'Île-de-France.



LEKO

Fruit d'une collaboration entre Veolia et le Muséum National d'Histoire Naturelle, LEKO est une solution du Groupe qui permet de diagnostiquer l'état de santé de la biodiversité en utilisant des capteurs qui analysent l'activité des chauves-souris, sauterelles et oiseaux. Toutes ces espèces sont d'excellents bio-indicateurs de la biodiversité du fait de leur **sensibilité à la qualité de l'environnement**. Le syndicat des eaux de Toulouse Métropole a choisi de déployer VERBATIM afin de valider les impacts positifs des actions qu'il déploie en faveur de la biodiversité.

Grâce à ce projet :

- Un suivi automatisé de la biodiversité locale est assuré
- Une démarche innovante du Groupe est déployée
- Une meilleure évaluation des impacts des actions menées en faveur de la biodiversité

Veolia offer on NBS

1

Upstream WTP

An answer to preserve the resource



Surface & groundwater

Water Treatment Plant



Potable water



Rainwater



2

Upstream WWTP

An answer to excess water & flooding

Waste Water Treatment Plant



Treated WW

3

Downstream WWTP

An answer to water quality and availability



NBS complementary to Veolia water assets

Veolia references

Examples of Veolia's portfolio - different types of NbS

1

Resources preservation through aquifer recharge & natural storage



2

Urban drainage & floods protection with wetlands, ponds & floodparks



3

Ecosystems protection with vegetated buffer at WWTP outlet



2

River & coastal renaturation



3

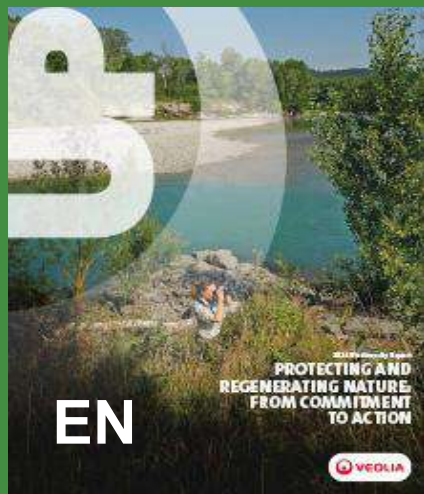
Watershed ecological management



3

Industrial waste water management





Thank you for your attention

