

# NATURE PROJECTS IMPACT REPORT

## YEAR 2022

Since 2001, the Bioparc and its Bioparc Conservation fund have been committed to a holistic approach to the protection of biodiversity throughout the world: local communities, endangered species and the environment..



Measure the impact of Nature Projects is useful to allow sponsors, donors, the Bioparc Zoo de Doué-la-Fontaine team, our professional network and our community to follow the performance and results of each action and mission of the supported NGOs.

Thanks to this resource, we will be able to continue to monitor the projects of these communities, accompany them, understand their successes and failures and prepare for the future. We will also be able to enhance the value of their actions, share this information transparently with our partners and enable these projects to continue their actions in accordance with the needs of the communities, the species and the environment.



In this impact report we have chosen to present the key figures and achievements of the Nature Projects supported in 2022, either in relation to the general functioning and results of the NGOs, or in support of a particular action.

Our support for Nature Projects also enables us to respond to the United Nations' 2030 Agenda for Sustainable Development and the 17 Sustainable Development Goals (SDGs), and to be part of the "One Health" approach.

## SUSTAINABLE DEVELOPMENT GOALS



# Impact of the Nature Projects in 2022

## TU TIERRA & CHAPARRI ECOLOGICAL RESERVE



### General data for 2022:

Estimated population of 40 wild spectacled bears next to the reserve  
57 white-winged guans counted

### Data related to the support of the Bioparc in 2022:

3,765 tourists welcomed for 9,370€ in revenue,  
6 beehives for melipona bees installed  
4 forest rangers employed, 3,500 trees planted,  
2nd Water Festival: 3 days, 1,000 participants, +10,000 spectators  
12,431 Chilean flamingos counted following the 1st regional census in Piura  
Recognition by UNESCO and compliance with the 17 SDGs of the 2030 Agenda

## ASSOCIATION TO SAVE THE GIRAFFES OF NIGER

### General data for 2022:

904 West African giraffes, official census

### Data related to the support of the Bioparc in 2022:

20,463 people reached in +190 villages  
30 ha of land rehabilitated for giraffes  
9,390 tree seedlings produced, planted or distributed  
1,730 poor women benefiting from micro-credits



## ANTONGIL CONSERVATION



### Data related to the support of the Bioparc in 2022:

3 births of red-ruffed lemurs in 2021  
2,500 pupils received school supplies: 400 boxes of chalk, 50 buckets, 100 sponges  
18th Lemur Festival  
10 villages reached, 56 participation in radio programmes  
+37,000 trees produced and planted, including cloves, hintsy, ramy, lemon and cola...

## MOYO

### Data related to the support of the Bioparc in 2022 :

16.2 ha of invasive plants removed  
7 drinking troughs and the water supply network repaired  
4 km of fencing and 180 posts changed  
10 rangers received a full uniform + 2 T-shirts each  
2 tons of lucerne distributed per week for 5 months  
24,000 liters of water provided for buffalo and zebra



## PROYECTO WASHU



### Data related to the support of the Bioparc in 2022 :

200 ha of forest purchased in Manabí to protect brown-headed spider monkeys  
1,330 hours of observations, 25 individuals identified at Cabacera del Pambilar  
+400 feeding trees identified in the same location  
225 ha of protected forest and 146 ha of sustainably managed farmland  
+6 tons of cocoa sold by the 2 associations for over USD 25,000  
2,551 tonnes of CO2 stored by the forest,  
312 trees produced by the ASOPROTESCO nursery  
17 families (85 people) manage their land sustainably

# Impact of the Nature Projects in 2022

## PROYECTO MONO ARANA = CAPARO

### Data related to the support of the Bioparc in 2022:

- 4 guards patrolling daily
- 7,000 ha of forest to be preserved
- +130 brown spider monkeys observed
- 1 hunters' blind destroyed 5 ha of forest burnt following 15 days of fires
- Seeds of 9 tree species collected for sowing *al voleo*
- 15 natural ponds monitored



## BIOANDINA FOUNDATION



### General data for 2022:

- +50 condors rescued / cared for, i.e. 420 since the start of the program
- 13 Andean condors released into the wild, 232 since the start of the program
- 5 new areas declared condor sanctuaries
- + 20,000 km<sup>2</sup> network of sanctuaries for this species
- 1 mega wind farm project suspended thanks to community action

## PROGRAM KONSERVASI HARIMAU SUMATERA

### Data related to the support of the Bioparc in 2022:

#### WAY KAMBAS NATIONAL PARK (WKNP):

- 5 field missions, 611 km travelled, 60,400 ha covered
- 12 species identified thanks to signs of presence, including Sumatran tiger and elephant, tapir and Malayan bear, siamang, chevrotain and long-tailed macaque
- 1,460 videos recorded by the photo traps set up, 32 species identified
- 15 participants in training on patrol techniques

#### BUKIT TIGA PULUH NATIONAL PARK (BTPNP):

- 2,564 km travelled, 67,000 ha covered
- 22 species identified thanks to signs of presence, including lack-crested Sumatran langur, hornbill, otter, crested goshawk, Javanese pangolin and Sunda coucal, + species listed in the PNWB
- 414 videos recorded by photo traps, 25 species identified
- 78 pupils from the Sadan hamlet school supported in their studies



## FUND FOR WILD FLORA AND FAUNA



### Data related to the support of the Bioparc in 2022:

- 3 feeding sites supplied 60 to 70 times each from 15/07 to 31/12/22
- GSM charges for GPS transmitters for griffon and black vultures
- Fodder and hay for the flocks of sheep at Kotel and cattle at Kresna
- Covering part of the salaries of FWFF field staff

## GUEUMBEUL SPECIAL WILDLIFE RESERVE

### Data related to the support of the Bioparc in 2022:

- 21 days of mission
- 20 participants from the local community
- 4 carters present, 1 backhoe, 20 gloves/boots, 4 forks used
- 2.7 ha of invasive cactus cleared



# Impact of the Nature Projects in 2022

## ASOCIACION ARMONIA CIVIL



### General data for 2022:

1,160 red-fronted macaws counted in 2021, 23 active nests counted in 2022  
0/10 artificial nests installed on the cliff used by macaws, but by around twenty other species  
200 trees planted in the goat-free enclosure at the foot of the macaw breeding cliff  
40/80 agroforestry plots favorable to macaws  
80 families benefiting from the community farming program  
978 fruit trees and 354 kg of seeds (maize and peanuts) provided to families  
60 beehives provided to 30 families, including 10 with Melipona bees  
Publication of the 2022 - 2032 action plan

### Data related to the support of the Bioparc in 2022:

1 species awareness workshop with 124 teachers from 28 educational units  
2 festivals organized:  
- Saipina: song and poetry festival, 1,675 participants  
- Omereque: poetry and theatre festival, 90% of works devoted to the macaw

## SAVE THE RHINO INTERNATIONAL & SAVE THE RHINO TRUST NAMIBIA

### General data for 2022:

24 poaching incidents: 11 rhinos killed  
84 black and 24 white rhinos dehorned, translocated and/or fitted with GPS devices  
More than 3,000 confirmed rhino sightings  
7 births observed  
40 rangers trained in the use of digital tools for data collection



## OKAPI CONSERVATION PROJECT



### General data for 2022:

13,726 km<sup>2</sup> = size of the reserve  
264 women in women's groups  
7 agroforestry sites  
3,000 calendars distributed  
6,841 students reached by OCP presentations  
11,708 kg of seeds distributed  
192 kitchen gardens established  
2,964 farmers assisted  
8,968 hours of patrols by ICCN eco-guards  
15,382 km travelled by these guards

## SNOW LEOPARD TRUST

### General data for 2022:

159 local communities partnering with the SLT to protect snow leopards  
35 snow leopards fitted with GPS collars  
65,000 km<sup>2</sup> patrolled by SLT teams and partners  
1,200 children reached by conservation education programs  
28 articles published in international scientific journals  
26 communities with women in charge of conservation projects  
62 women involved in the production of dairy products  
26,751 handicrafts produced by women for resale through the SLT



# Impact of the Nature Projects in 2022

## GREVY'S ZEBRA TRUST



### General data:

2,800 zebras counted in Kenya and 230 in Ethiopia in 2018

### General data for 2022:

5 fodder and water depot sites, 15 bales of fodder per night  
13 people mobilized and 4 vehicles  
33 drought-related deaths in 2021 (121 in 2017)  
11,547 km walked by 24 scouts in northern Kenya, 36 zebras observed  
50 primary school pupils spent 3 days in the field on an awareness-raising trip  
1 environmental club launched with 20 secondary school pupils, including 8 girls

## COMMITTEE AGAINST BIRD SLAUGHTER

### General data for 2022:

7 intervention countries, 170 volunteers  
45 taxidermy specimens confiscated, including 2 lions, 4 storks and several hoopoes  
1,039 traps, 532 nets & 3,413 gluaux seized  
318 poachers arrested (+51 compared with 2021)  
+2,500 birds released alive



## CHEETAH CONSERVATION FUND



### General data for 2022:

16 cheetahs reintroduced in India  
250 excrement samples from 14 different species collected  
41 water points identified  
87 cheetahs cared for in Somaliland (SLD) (+16 compared with 2021)  
42 herding dogs placed on new farms  
32 puppies born and then in training  
9,891 tourists welcomed, 298% more than in 2021 (2,512 tourists)  
997 dogs and 309 cats vaccinated against rabies  
10,855 students and 428 teachers took part in the CCF's "Future Curators of Africa" program

## TLEMCEN MODEL FOREST ASSOCIATION

### General data:

1 Egyptian vulture pair breeding since 2014,  
The same pair has been breeding between 2018 and 2020

### Data related to the support of the Bioparc in 2022:

On site, territorial behavior but no breeding  
Raising awareness on World Migratory and Mountain Bird Day



## ASOCIACION AMIGOS DEL PERICON



Creation of a website presenting the project  
Signing of an agreement to join the La Janda-El Aguilar agroecological reserve  
Preparation and printing of information material in English and Spanish

# Impact of the Nature Projects in 2022

## INSTITUTO ARARA AZUL



### Data related to the support of the Bioparc in 2022:

2 artificial nests adopted: 2254 and 2356

Follow-up + examination at 90 jours

2254: 2 fledglings "Majorelle & Céleste"

2356: 1 fledgling "Panacéa"

## HEGALALDIA

### General data for 2022:

2,691 animals received, 132 different species

1,872 animals not received but reported by telephone

Top 3: 515 European hedgehogs, 147 house sparrows, 108 common swifts

Top 6: 67 black-legged kittiwakes, 65 yellow-legged gulls, 65 tawny owls

30% of animals taken in are released/releasable, 21% die within the first 24 hours



## NATURE EN OCCITANIE



### General data for 2022:

58/88 breeding pairs of Egyptian vultures

69/88 in the Pyrenees, including 46/69 breeding pairs

19/88 in the south-east, including 12/19 breeding pairs

28/70 young vultures ringed before fledging

12 GPS tags fitted since 2015

## OFORA FOUNDATION

### Data related to the support of the Bioparc in 2022:

Participation in the Java leopard conservation workshop

Analysis of data collected in 2021: 114 camera traps installed,

→ 55,435 videos, including 650 of the leopard and 446 of the Javan rhinoceros

→ Javan leopard population estimated at 48 individuals on the Ujung Kulon peninsula



## RED PANDA NETWORK



### General data for 2022:

95 communities involved in monitoring, +100 forest guardians

82 areas constantly monitored, 6 new monitoring areas

+88,800 trees planted, 13 red panda furs seized

204 scholarship students, +2,600 pupils took part in IRPD

10,000 students took part in red panda conservation activities

+186,000 people reached by radio broadcasts, + 2,800 stray dogs vaccinated

## PRIGEN CONSERVATION BREEDING ARK

### General data for 2022:

40 Javan pied starling reintroduced 2nd building for breeding small carnivorous mammals built

15 Javan small-toothed palm-civet welcomed, an endangered endemic species

39 bird births: white-crowned Shama, white-rumped shamas, white cockatoos, Sunda

laughingthrush, Javan Pied Starling, Straw-headed Bulbul (CR), Javan white-eye, Wangi-wangi

white-eye



# Impact of the Nature Projects in 2022

## CONSERVATORY OF NATURAL SPACES PACA



### General data for 2022:

19 territorial pairs, including 18 breeders  
12 producers for 13 fledglings  
11/13 chicks ringed, 25/38 individuals identified  
13 non-breeding individuals ringed: 8 adults and 5 immatures

### Data related to the support of the Bioparc in 2022:

1 sustained feeding plot  
194.64 kg of meat deposited in 12 sessions  
Deposited between 23/03/22 and 16/06/22 = absence of pair of Egyptian vultures  
Only 1 Egyptian vulture observed: Salomé, female, passing through  
5 other species observed: black kite, northern raven, griffon vulture, red kite and common buzzard

## SWISS CENTRE FOR SCIENTIFIC RESEARCH

### Data related to the support of the Bioparc in 2022:

1 awareness day for the pygmy hippopotamus, on 24 May 2022  
300+ children to parade and play while learning about this species



## PROYECTO EREMITA



### General data for 2022:

226 northern bald ibises (NBI) counted (+57 than in 2021):  
109 ♂, 95 ♀, 22 undetermined  
42 NBI released: 20 ♂, 22 ♀  
27 breeding pairs including 25 breeders (+10 than in 2021)  
33 births and chicks fledged  
41 deaths including 9 adults, 21 individuals aged 2 years and 7 juveniles  
Including 26 of unknown cause, 6 drownings, 5 electrocutions

## FRENCH ASSOCIATION OF ZOOLOGICAL PARKS

### General data for 2022:

101,000€ donated to 18 programs in  
14 countries on 4 continents, including 3 for French wildlife



## WILDLIFE RESCUE CENTER OSTEND

### Data related to the support of the Bioparc in 2022:

1 griffon vulture welcomed, a very rare occurrence  
Care for the vulture prior to its release in Bulgaria



## BARBARY MACAQUE AWARENESS & CONSERVATION

### Data relating to fires in the summer of 2022 :

7,500 ha of forest destroyed  
+50 Barbary macaques killed  
12 groups of Barbary macaques affected  
Evacuation of women and children from the village of Taliamine  
Distribution of fruit, vegetables and acorns for the macaques and monitoring using photo traps





# 18 PROGRAMMES DE CONSERVATION *IN SITU* SONT SOUTENUS CETTE ANNÉE PAR LE FONDS DE CONSERVATION DE L'AFDPZ.

Au total, l'Association Française des Parcs Zoologiques et ses membres participent à plus de 300 programmes de recherche et de protection d'espèces menacées dans leur milieu naturel.

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**Ailuropus**  
Participation depuis 2020
- 

**Ailuropus**  
Participation depuis 2019
- 

**Ailuropus**  
Participation depuis 2018
- 

**Ailuropus**  
Participation depuis 2014
- 

**Ailuropus**  
Participation depuis 2012
- 

**Ailuropus**  
Participation depuis 2016
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**Ailuropus**  
Participation depuis 2018
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**Ailuropus**  
Participation depuis 2012
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**Ailuropus**  
Participation depuis 2016
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**Ailuropus**  
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Participation depuis 2012
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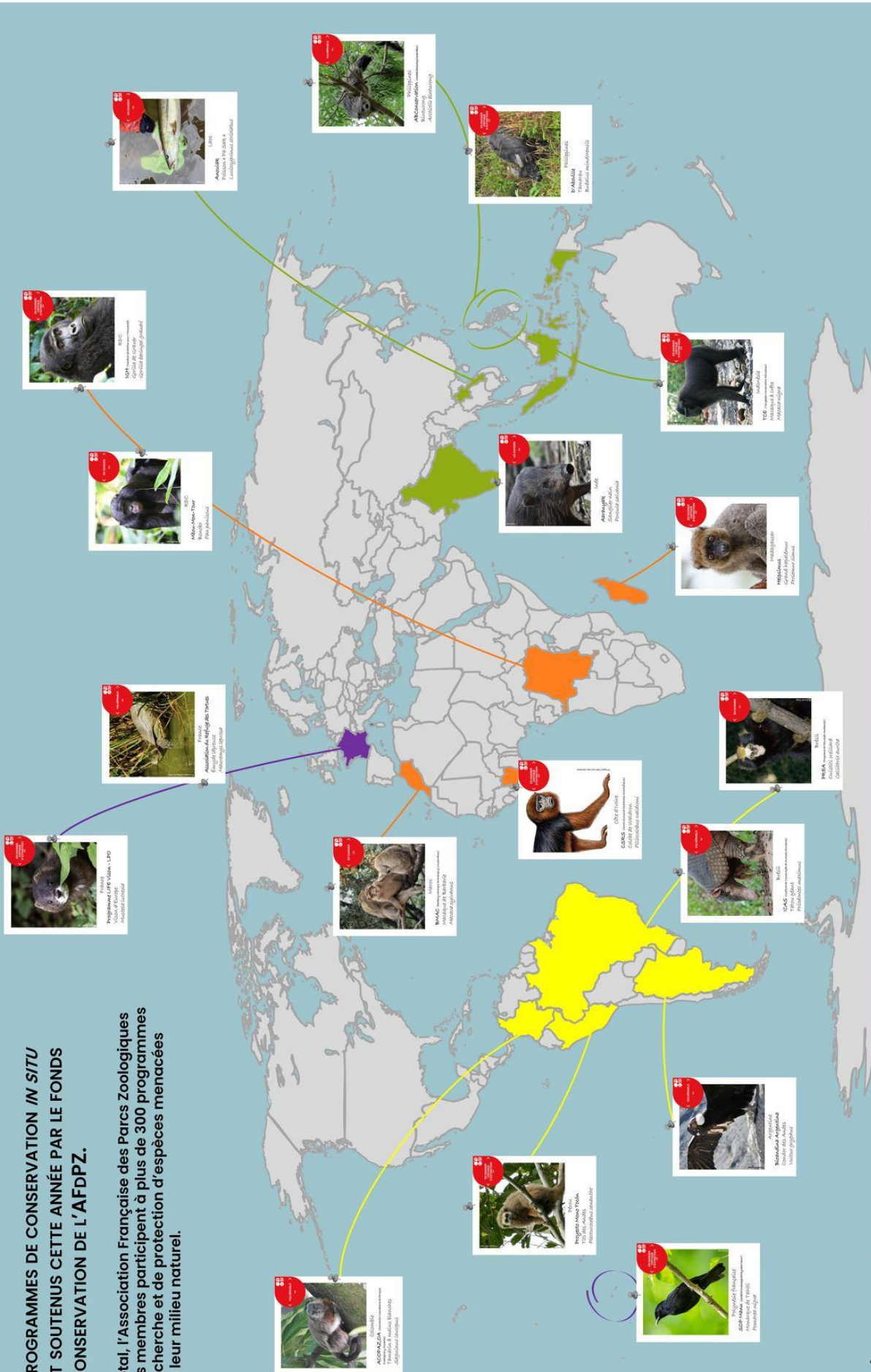
**Ailuropus**  
Participation depuis 2018
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**Ailuropus**  
Participation depuis 2018
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**Ailuropus**  
Participation depuis 2012
- 

**Ailuropus**  
Participation depuis 2018
- 

**Ailuropus**  
Participation depuis 2018



<sup>18</sup> The IUCN Red List of Threatened Species is made work of IUCN, International Union for Conservation of Nature and Natural Resources.

# Support Bioparc Conservation

Our Bioparc Conservation Fund allows any person or organization wishing to do so to support our Nature Projects financially. Created in 2010, it is chaired by Pierre Gay. Donations are tax deductible (check with your national legislation) and are entirely donated to the Nature Projects.

By helping us, you become an actor of conservation and you reinforce our mission to protect biodiversity! Thank you for your help and thank you to all past, present and future donors of Bioparc Conservation (private donors, partner zoos, associations, companies) for their generosity and faithfulness!

## FOR INDIVIDUALS

### Make a donation and work with us to protect nature

By supporting one of our 20 Nature Projects, you are helping to protect the species concerned in their natural environment.

Your benefits:

- a digital badge with the image of the supported project
- the annual activity report of the Nature Projects
- a tax receipt allowing you to deduct your donation from your taxes

Your donation entitles you to a tax deduction of 66% up to a limit of 20% of your taxable income. A donation of €100 actually costs you €34 (check with your national legislation, information valid in France).

SCAN THE QR  
CODE TO  
MAKE A  
DONATION  
ONLINE!



### Do your Internet research with

Through your internet searches, you collect drops that you can then donate to our fund to support our Nature Projects!

### Think about legacy, donations and life insurance

Extend your commitment to endangered species, people and nature by choosing Bioparc Conservation as your beneficiary!

SCAN THE  
QR CODE  
TO ACCESS  
OUR  
BROCHURE!



## FOR COMPANIES

### Become a donor and share our mission to protect nature

**Take advantage of the tax benefits** of donation, deducting your donations up to 60% within the limit of €20,000 or 5% of the turnover excluding tax (CA HT). A donation of €5,000 actually costs you €2,000. (check with your national legislation, information valid in France).

**Enhance your commitment** by relaying the progress of our Nature Projects to your employees and take advantage of our influence to make your support visible.

SCAN THE  
QR CODE  
TO ACCESS  
OUR  
BROCHURE!



### Become a donor by setting up & collecting micro-donations in your business

**Enhance your commitment** by informing your employees and customers of the progress of our Nature Projects and take advantage of our influence to make your support visible.

This solution offered on **Electronic Payment Terminals (EPT)** is not subject to VAT and the donations collected are not included in your revenue. For more information, contact us!

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