



COP25
NATURE-BASED SOLUTIONS (NBS)
SURVIVAL GUIDE

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INTRODUCTION

Dear friends,

Nature4Climate has prepared a guide to the UN climate COP25 in Madrid, 2019. This guide outlines some of the people, news, stories that will be front and centre for nature-based solutions this week with handy resources to keep up to speed with all the nature-based action.

Check out key influencers, voices and stories to follow as well as recommended restaurants, coffee shops and meeting spaces for some nature-based down time. Did you know that we have a series of global stories and case studies showing some of the most successful nature-based solutions in action today? What about brilliant stories and podcasts on NBS you may have missed? It's all here and more.

We look forward to seeing you either on the ground, or virtually as we make the end of 2019 and 2020 the time to recognize and applaud nature's role in stabilizing our climate and increasing action on protecting species and wildlife.

Browse all NBS events at COP25

INTRODUCTION

2020 is the decade of delivery to implement the Sustainable Development Goals, fulfil the promises of the Paris Agreement and agree on a new post-2020 Biodiversity Framework. We are witnessing an unprecedented level of political, business support and momentum created around the Nature-based Solutions Coalition led by China and New Zealand. However, it needs to scale up to deliver the ambition and action needed to keep humanity on a safe trajectory below a 2°C or 1.5°C temperature increase and reinforce action for wildlife and nature writ large.

Addressing the double climate and biodiversity crisis is essential. With a growing global population: we need to protect, restore and fund nature-based solutions.

We need #NatureNow

NEWSROOM



Follow our newsroom for all the latest stories and updates on nature-based solutions.

MUST READ: Natural climate solutions and Article 6 – what's in it for nature?

NBS INFLUENCERS

Whether you're attending COP or keeping up-to-date digitally, we've rounded up useful NBS individual influencers who are active at COP.

Stay informed — follow, share and join the NBS discussion. #NatureNow #COP25

*Please note that this is in no particular ranking and the list has been generated through Onalytica

Arik Ring

Twitter Handle: @arikring

Expert Energy Consultant, Arik Ring Energy Solutions.

Cristián Samper

Twitter Handle: @CristianSamper

President & CEO, Wildlife Conservation Society (WCS).

Dr. David Nabarro

Twitter Handle: @davidnabarro

Facilitator of Sustainable Development through @4SD_info.

Dr. Jonathan Foley

Twitter Handle: @GlobalEcoGuy

Global Environmental Scientist. Author. Speaker. Executive Director, Project Drawdown.

Edward Davey

Twitter Handle: @edwardleodavey

Works for @worldresources @folucoalition & @newclimateecon. Author of 'Given Half a Chance'.

Florian Eisele

Twitter Handle: @florianeisele

Head of communications, @UNREDD.

George Monbiot

Twitter Handle: @GeorgeMonbiot

British writer, environmentalist and political activist.

Harriet Bulkeley

Twitter Handle: @harrietbulkeley

Professor of Geography at Durham.

Inger Andersen

Twitter Handle: @andersen_inger

Executive Director, United Nations Environment Programme.

NBS INFLUENCERS

John E. Scanlon

Twitter Handle: @JohnEScanlon

Special Envoy @AfricanParks.

Jonathan Hughes

Twitter Handle: @JonnyEcology

CEO @ScotWildlife, Global Councillor @IUCN, Co-founder @NatCapForum.

Justin Adams

Twitter Handle: @JustinCMAAdams

Executive Director, Tropical Forest Alliance.

Kobie Brand

Twitter Handle: @KobieBrand

Executive Director @ ICLEI Africa, Director @ ICLEI Cities Biodiversity Centre.

Luc Bas

Twitter Handle: @lucbas1

Director, IUCN Europe. Climate Ambassador.

Lynn Scarlett

Twitter Handle: @LynnScarlett1

Chief External Affairs Officer, The Nature Conservancy.

Marco Lambertini

Twitter Handle: @WWF_DG

Director General of @WWF the global network for #nature conservation & sustainability.

Maria Damanaki

Twitter Handle: @damanaki

Global Managing Director for Oceans at The Nature Conservancy.

Nathalie Seddon

Twitter Handle: @NathalieSeddon

Prof of Biodiversity @ Oxford University; Senior Associate @IIED.
Director of NBSI.

Neeshad Shaffi

Twitter Handle: @ineeshadv

Youth Climate Advocate & Speaker, Founder @aycmqa,
@OneYoungWorld, @CliMates_Intl, @YouthClimateLab,
@CAN_ArabWorld, @CoalitionWILD, @WEF @GlobalShapers.

NBS INFLUENCERS

Peter Thomson

Twitter Handle: @ThomsonFiji

UNSG's Special Envoy for the Ocean, dedicated to the implementation of Sustainable Development Goal 14.

Richard Waite

Twitter Handle: @waiterich

Researcher @WorldResources @WRIFood, Author "Creating a Sustainable Food Future".

Robert Nasi

Twitter Handle: @ForestsMatter

Director General, Center for International Forestry Research (CIFOR).

Ronny Jumeau

Twitter Handle: @ronny_jumeau

Seychelles Ambassador to the UN, US and Canada. Global cheerleader for islands and oceans.

Simon Lewis

Twitter Handle: @SimonLLewis

Author, The Human Planet. Professor of Global Change Science @UCL & @UniversityLeeds.

Stephen Woroniecki

Twitter Handle: @StephenWoroniec

PhD #ClimateChange Adaptation #NatureBasedSolutions & #Justice.

Svein Tveitdal

Twitter Handle: @tveitdal

Climate lecturer: science, policy, solutions. Director Klima 2020, former UN Director.

Tim Christophersen

Twitter Handle: @TimChristo

Head of Water, Land & Climate Branch @UNEnvironment.

Ulrika Modéer

Twitter Handle: @UlrikaModeer

Assistant Secretary General & Director of Bureau of External Relations & Advocacy @UNDP. Former State Secretary from Sweden.

Yunus Arikan

Twitter Handle: @ICLEI_advocacy

Director of Global Advocacy at ICLEI.

NBS ESSENTIAL LISTENING

1

Bionic Planet — Steve Zwick

We've entered a new epoch: the Anthropocene, and nothing is as it was. Not the trees, not the seas – not the forests, farms, or fields – and not the global economy that depends on all of these. What does this mean for your investments, your family's future, and the future of man?

2

Plant: From roots to riches — Kathy Willis, BBC Radio4 Extra

Kathy Willis considers our changing relationship with plants over the last 250 years – from tools to exploit, to objects of beauty, to being an essential resource we must conserve.

3

The Forest 404 Experiment

Stressed or tired after a long day? Listening to nature might help you feel better. Take part in a ten minute experiment and help us understand how people respond to the sounds of the natural world.

4

The Reversing Climate Change Podcast with Nori

A podcast that focuses on the people and organizations that are coming together to remove carbon dioxide from the atmosphere and reverse climate change.



NBS ESSENTIAL READING

- 1** Why restoring nature is so important to limiting climate change, Vox
- 2** Shades of REDD, Ecosystems Marketplace
- 3** A Brief History of Planting Trees to Save the Environment, Ecosystems Marketplace
- 4** What are natural climate solutions, Conservation International
- 5** Conservation finance: It's time to revisit carbon markets, Euromoney
- 6** Climate crisis – here's what the experts recommend we do, The Conversation
- 7** Reaping the rewards of climate action, Ethical Corporation



WORKING SUSTAINABLY IN MADRID

Best plant-based places to eat in Madrid

1

B13

The go-to spot for delicious, traditional Spanish food like tortilla and croquetas, just vegan!

Address: ***Calle de la Ballesta, 13***

2

VEGA

Easily one of the best spots for those eating vegan in Madrid. VEGA has an extensive menu of vegan dishes made with love!

Address: ***Calle de la Luna, 9***

3

La Encomienda

If you're looking for a trendy, vegan brunch spot, La Encomienda is it! And if you come by later for a drink, you'll enjoy the free tapas that come with it.

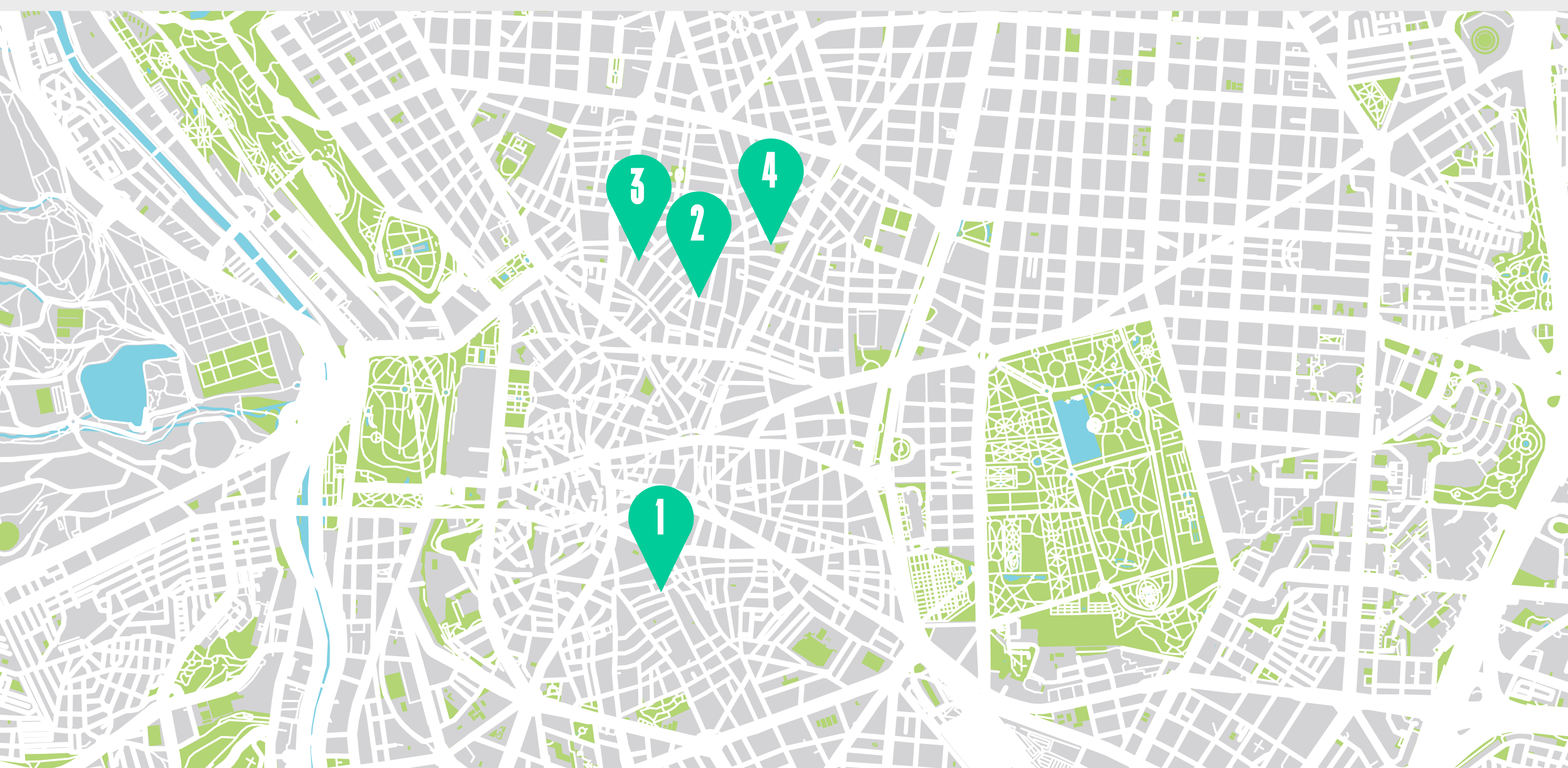
Address: ***Calle de la Encomienda, 19***

4

La Hummuseria

The five hummuses (from "the Classic" to "the Irresistible") are the stars at this vegetarian spot that also serves salads and veggie tapas that change weekly.

Address: ***Calle Hernán Cortés, 8***



WORKING SUSTAINABLY IN MADRID

Specialist coffee stores with wifi

Specialty coffee is relatively new in Madrid, but it has risen in popularity in the last two to three years with new cafés opening up around the city. Below are the top specialty coffee shops in Madrid you can check out!

1

Toma Café

Address 1: **Calle de la Palma, 49**
(metro: **Noviciado or Tribunal**)

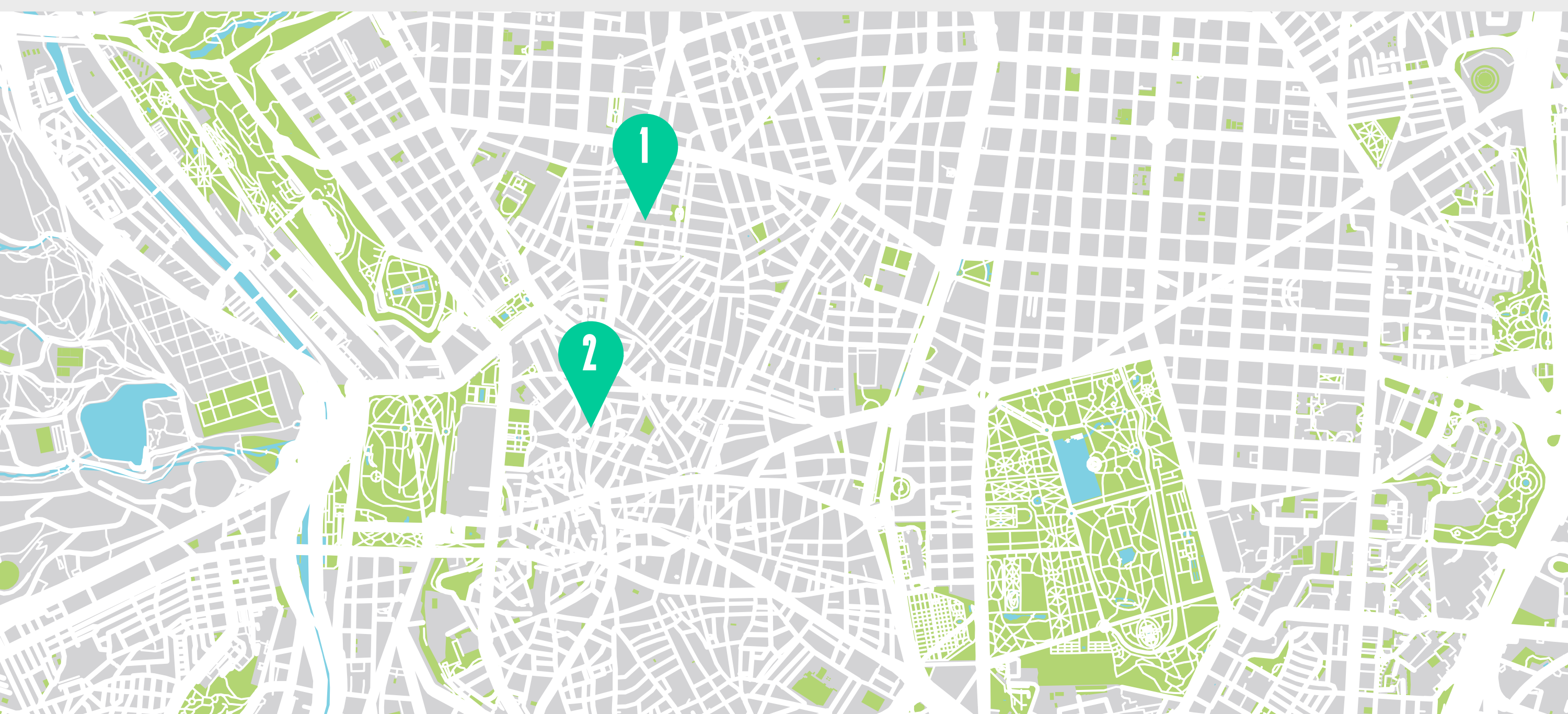
Address 2: **Calle Santa Feliciana 5**
(metro: **Iglesia or Quevedo**)

2

La Ciudad invisible

This cafe-library near the Teatro Real doubles as a workspace and weary travellers' oasis. Aside from the spacious tables, ample seating, and scrumptious shakes, there are shelves and shelves of guidebooks and frequent art exhibitions in the downstairs area. The only downside is that there are very few outlets, so go with a full battery (or unplug one of the lamps when the barista isn't looking).

Address: **Costanilla de los Ángeles, 7**



MINDFUL MOMENTS

If you feel like taking a break from the frenetic activity of COP, if you need a meeting space with fresh air, or if you just need to enjoy some peace and serenity, visit one of the spaces below for some nature-based downtime.

1

Retiro Park

2

**Royal Botanical Gardens –
Real Jardin Botanico**

3

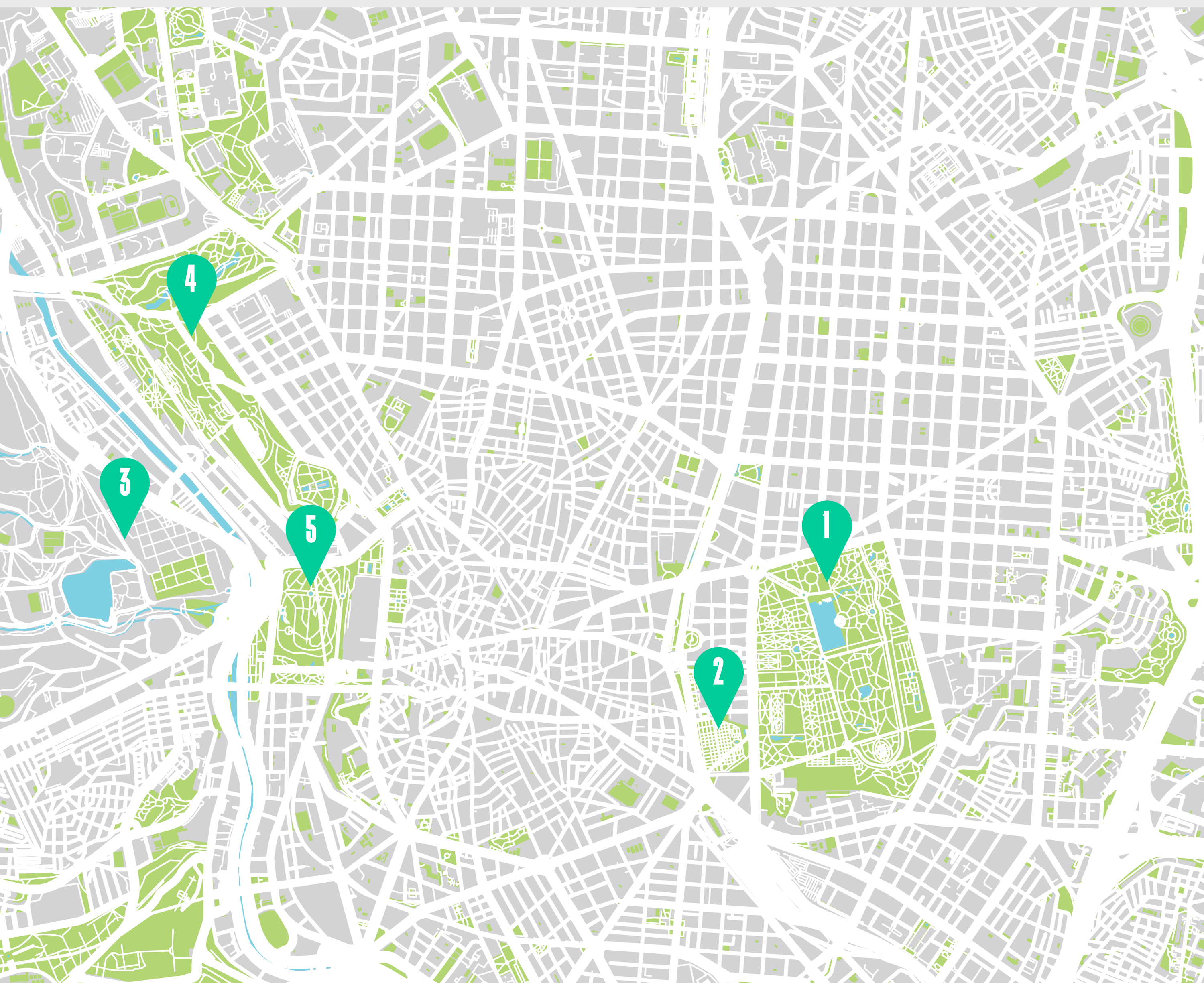
Case de campo

4

Parque del Oeste

5

Campo del moro



NBS IN ACTION

Nature-based solutions can provide a third of the climate mitigation solution needed by 2030 – but they are also adaptation, resilience and development approaches too. Deploying nature-based solutions helps minimize the societal and economic risks of climate change and biodiversity loss for humans. The following examples show projects that embody the principles and benefits of NBS showing how, where and why they are demonstrating success.



REFORESTATION

Trillion Trees Project

A world where forests are expanding, not shrinking

Ten billion trees are still lost every year. This is leading to a changing climate, shrinking habitat for wildlife, and harder lives for billions of people. The Trillion Tree project is helping combat this problem.



AVOIDED DEFORESTATION + SUSTAINABLE FORESTRY

The Forest Carbon Partnership Facility

Readying REDD+ for results

In 2005, the UN fixed its focus on deforestation. The task of bringing the world together to protect forests should have been an easy sell. Find out how The Forest Carbon Partnership Facility arrived to find a solution.



SOIL MANAGEMENT

4 per 1000 initiative

Unearthing the forgotten solution

Global soils contain up to three times more carbon than the atmosphere. If this carbon level increased by 0.4% per year in the top 30-40 cm of soil, it could stop the annual increase of carbon dioxide in the atmosphere.

NBS IN ACTION

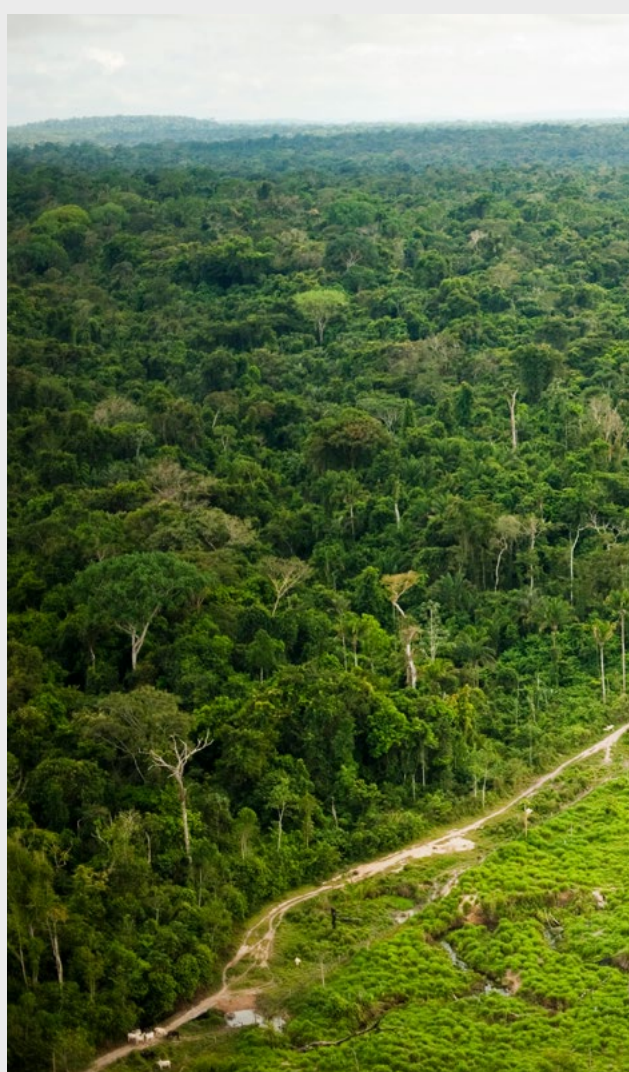


FOREST RESTORATION

The Bonn Challenge

Translating success into sequestration

The Bonn Challenge aims to bring 150 million hectares of deforested and degraded land into restoration by 2020 and 350 million hectares by 2030.



AVOIDED DEFORESTATION + REFORESTATION + NATURAL FOREST MANAGEMENT

The New York Declaration on Forests (NYDF)

Declaring war on a tropical disease

The NYDF contains ten goals for ending deforestation. The number one goal of NYDF is to halve global #deforestation by 2020 and end it by 2030.



SUSTAINABLE AGRICULTURE + IMPROVED PLANTATIONS

Climate-smart agriculture 100 (CSA100)

Smart business: Producing more with less

Managing the perfect storm — a 50% rise in food demand and 30% rise in water demand by 2030, all while trying to reduce emissions 45% by 2030 — is going to take some serious smarts.



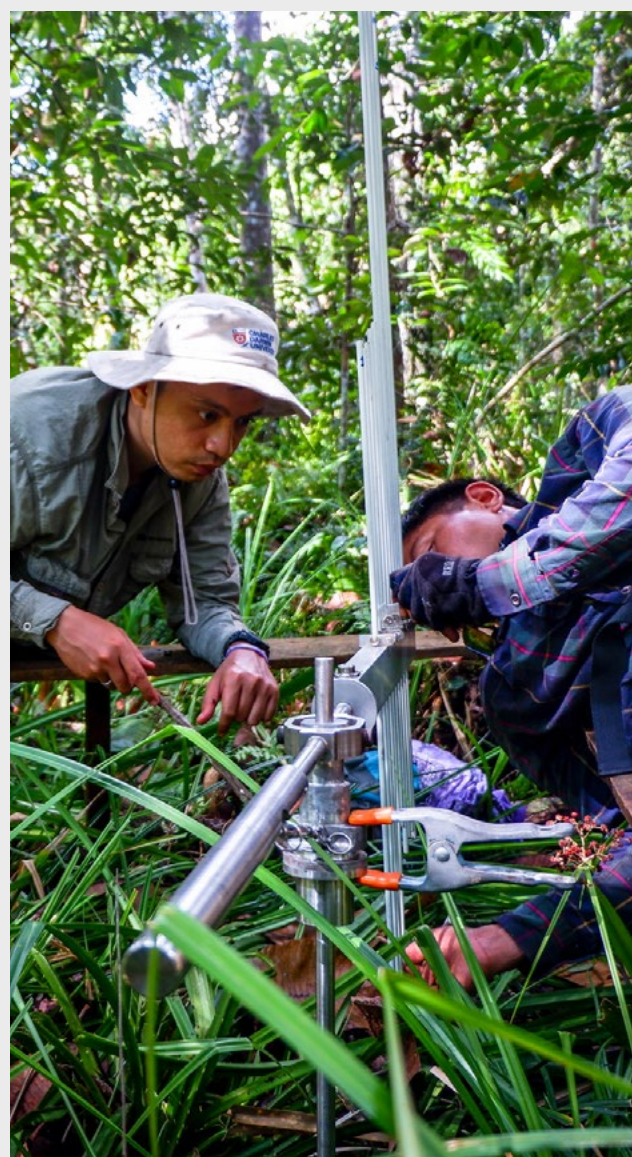
INFRASTRUCTURE, CITIES AND LOCAL ACTION + TREE PLANTING

The Balkans

Global problems, city solutions

Come 2050, two-thirds of the globe will be living in cities and living with the infrastructure decisions our urban planners make today. By some accounts, over 60% of the land projected to become urban by 2030 has yet to be developed.

NBS IN ACTION



FOREST RESTORATION

Borneo, Indonesia

A disaster prompts peatland restoration

When Indonesia — which has more than a third of the world’s tropical peatlands — experienced the 2015 fires, not only did people get sick, tonnes of CO₂ were also released, prompting their government to take drastic action.



REFORESTATION

China

The Great Green Wall of China

The Chinese call the Gobi Desert the Yellow Dragon—it spits sandstorms as far south as the capital Beijing. Find out how The Great Green Wall, made of more than 100 billion trees, has been deployed to protect China’s northern provinces.

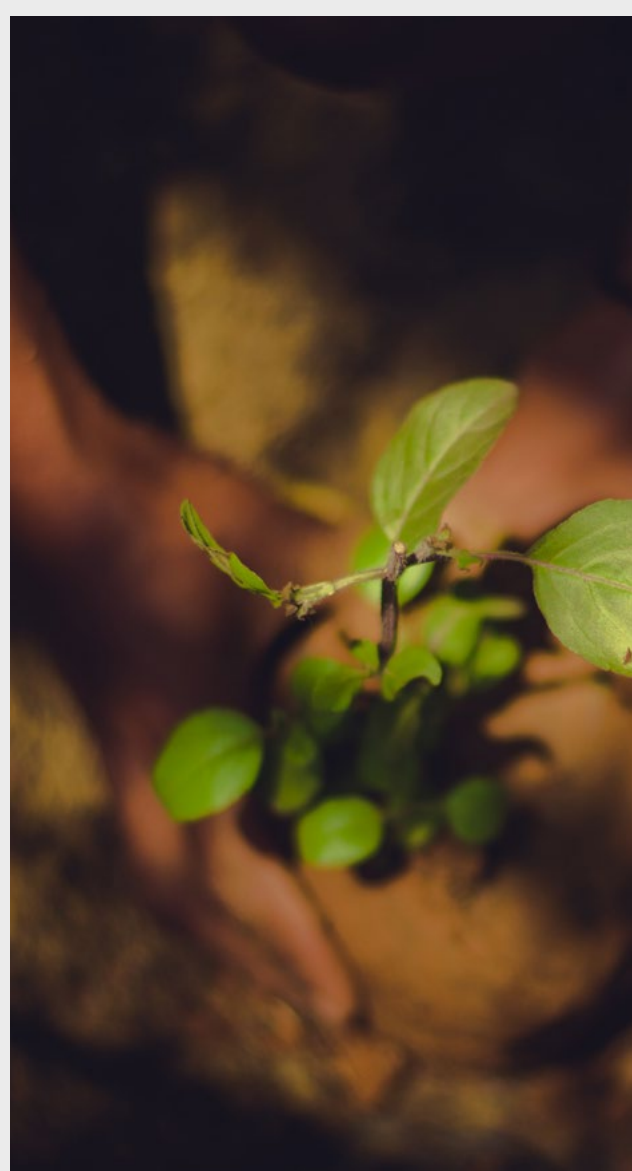


INFRASTRUCTURE, CITIES AND LOCAL ACTION + TREE PLANTING

India

Agricultural pioneer in action

Andhra Pradesh embarks on a ‘regenerative revolution’ to scale up climate-smart farming.



REFORESTATION

Pakistan

Upscaled: a tree for everyone on the planet

In 2014, Imran Khan launched a programme called the ‘Billion Tree Afforestation Project’. The effort created half a million jobs, revived the forest biodiversity and increased forest cover by 6.3%, reducing 40 million tonnes of carbon.

NBS IN ACTION



REFORESTATION

Panama

Landscape-scale research in the canal watershed

The geopolitical significance of the Panama Canal needs no introduction. As one of the tropics' clearest examples of ecosystem services in action, climate change will impact economic productivity and water flows.



MANGROVE PROTECTIONS AND RESTORATION

Indonesia

Blue forest restoration and multi-talented mangroves

On Boxing Day 2004, disaster struck Asia. If it were not for the mangroves that lined the coastal communities where the tsunami hit though, things would have been even worse.



INFRASTRUCTURE, CITIES AND LOCAL ACTION + TREE PLANTING

China

Flood resilience in China

Following devastating 2012 floods in Beijing, the President announced that cities should act 'like sponges'. Action soon followed.



REFORESTATION

South Korea

Forest transition in South Korea

Today, South Korea has become a model for development. From forests at the brink of extinction to now covering 64% of the territory, see how the country achieved all this and more.



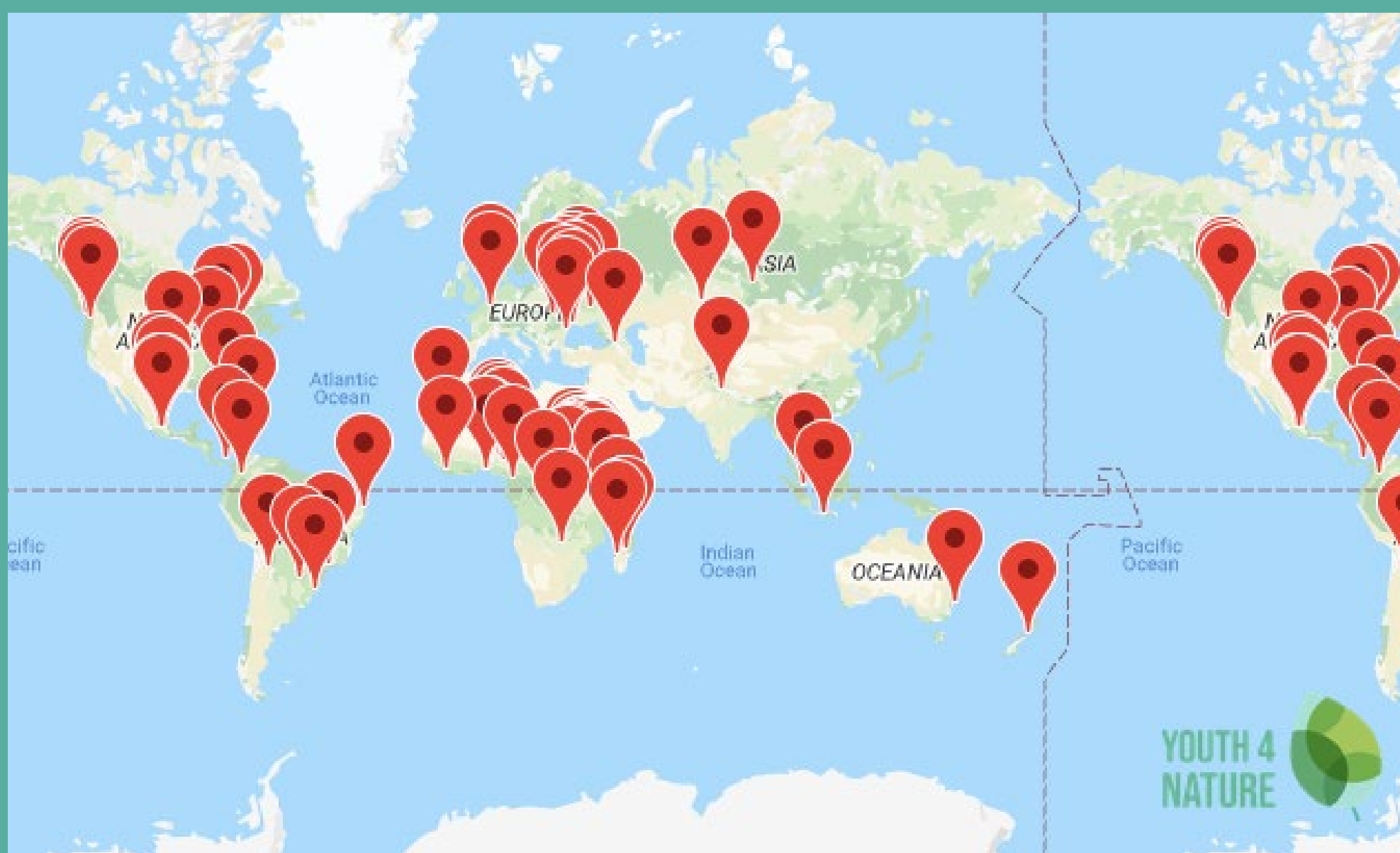
RESPONSIBLE FORESTRY

Argentina

The power of forests

It's the land of agro-exports, asado and Agüero. Half a million Argentinians also petitioned for a law to limit native deforestation from the expansion of agriculture.

YOUTH4NATURE



Youth4Nature, a newly formed organization mobilizing youth to lead on nature-based solutions, has founded a platform for youth from all corners of the world to tell their NBS stories, and have their voices heard. Together Youth4Nature are raising voices and building a collective movement of young nature and climate leaders.

So far, over 70 NBS youth stories from around the world have been created and are ready to explore today.



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Join the conversation **#NatureNow**

