

Boothby Wildland

Lincolnshire NG33 4DE

Boothby area of interest. This is scrubland next to open cast mine

Google Earth

Nattergal Ltd

- *Nattergal* has been established to: **“Catalyse permanent nature recovery at scale, while delivering sustainable financial returns and generating rural employment.”**
- Led by the founders of the Knepp rewilding project, supported by a team of financial and nature recovery experts.
- Funds will initially used to purchase and manage 2-3 sites for nature recovery in the UK. In 2023 further UK sites acquired followed by continental European expansion from 2024.
- Boothby Wildland is the first!
- Ultimately, to create a world-leading nature restoration company to deliver both financial return and biodiversity.



Photograph: Jamie Hawkeworth, 'The Gentle Woman, Issue 23'

KNEPP





3,500 species - 75 are Nationally Notable/Scarce

Birds

One of the highest densities of breeding songbirds in Britain

Life

13 of 18 UK bat species (up from 5 in 2001)



2.5km river restoration



11th best UK site for deadwood invertebrates



Carbon

Plants



3.7 million m3 of new vegetation

Soil



Soil organic carbon = doubled
Soil microbial biomass = doubled
Fungal biomarkers = tripled

Butterflies

Purple Emperor



The largest known UK site



37 of 52 Sussex butterfly species (71%)

Brown Hairstreak



The largest known UK site



Boothby Lodge Farm

Setting the scene

First

a staggered retreat from arable farming – sequenced using historical, ecological and agronomic influences.

Next

kick-starters – to reset and accelerate ecological recovery – new habitats of the future

Then

the resulting pulse a complex mosaic of habitats

Finally

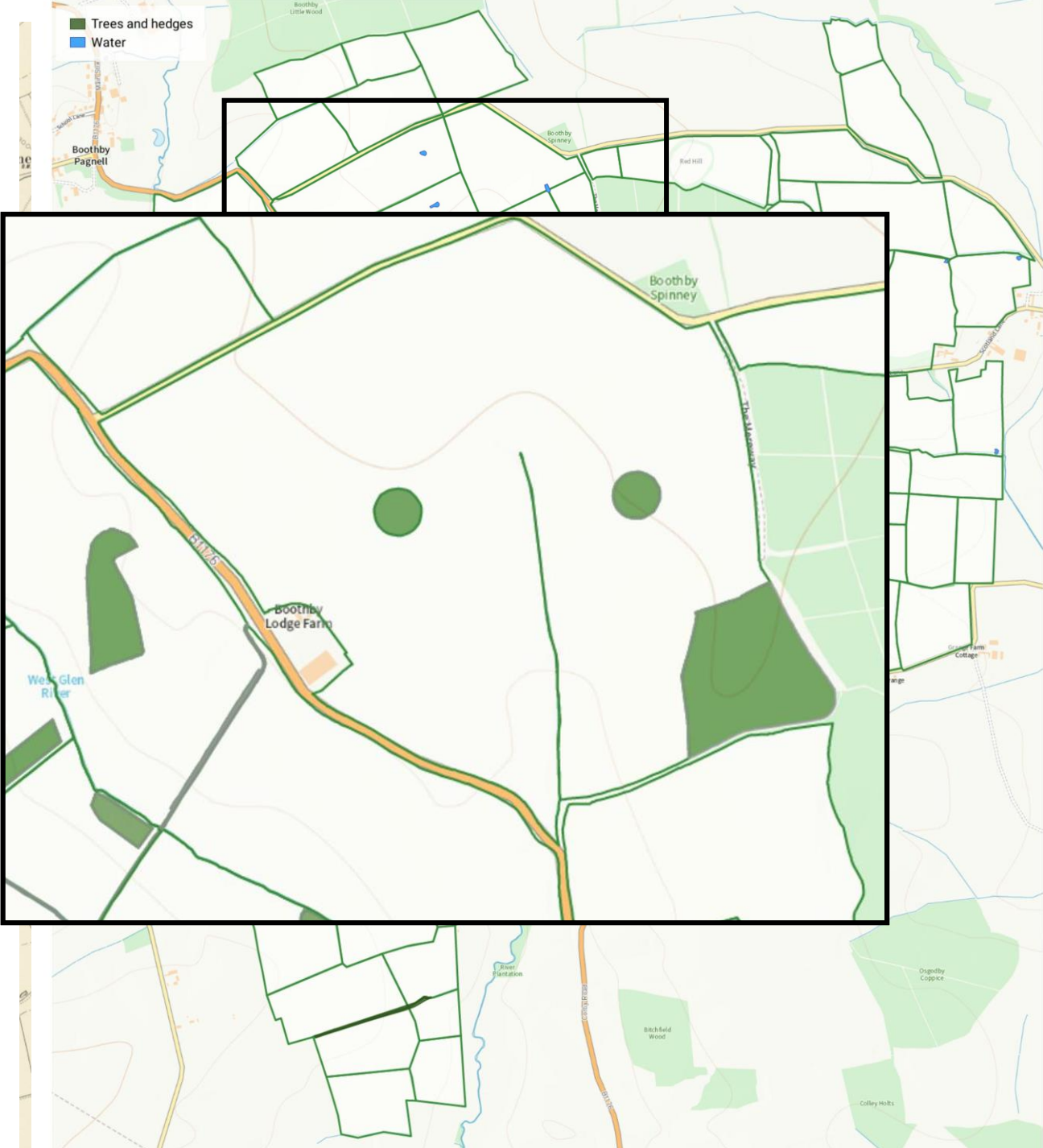
natural processes can function without intervention driven by large herbivores, surplus of which will be sold as meat



20th Century Boothby

- Arable (grade 3) comprises of **92%** of the site.
- Boothby has lost approximately 29km or **45% of hedgerows and tree lines in past 100 years.**
- We won't be replanting any hedgerows, but the historic boundaries provide a way for us to think about Boothby.

1900 Hedgerows	65km
2021 Hedgerows	36km
Lost hedgerows	23km





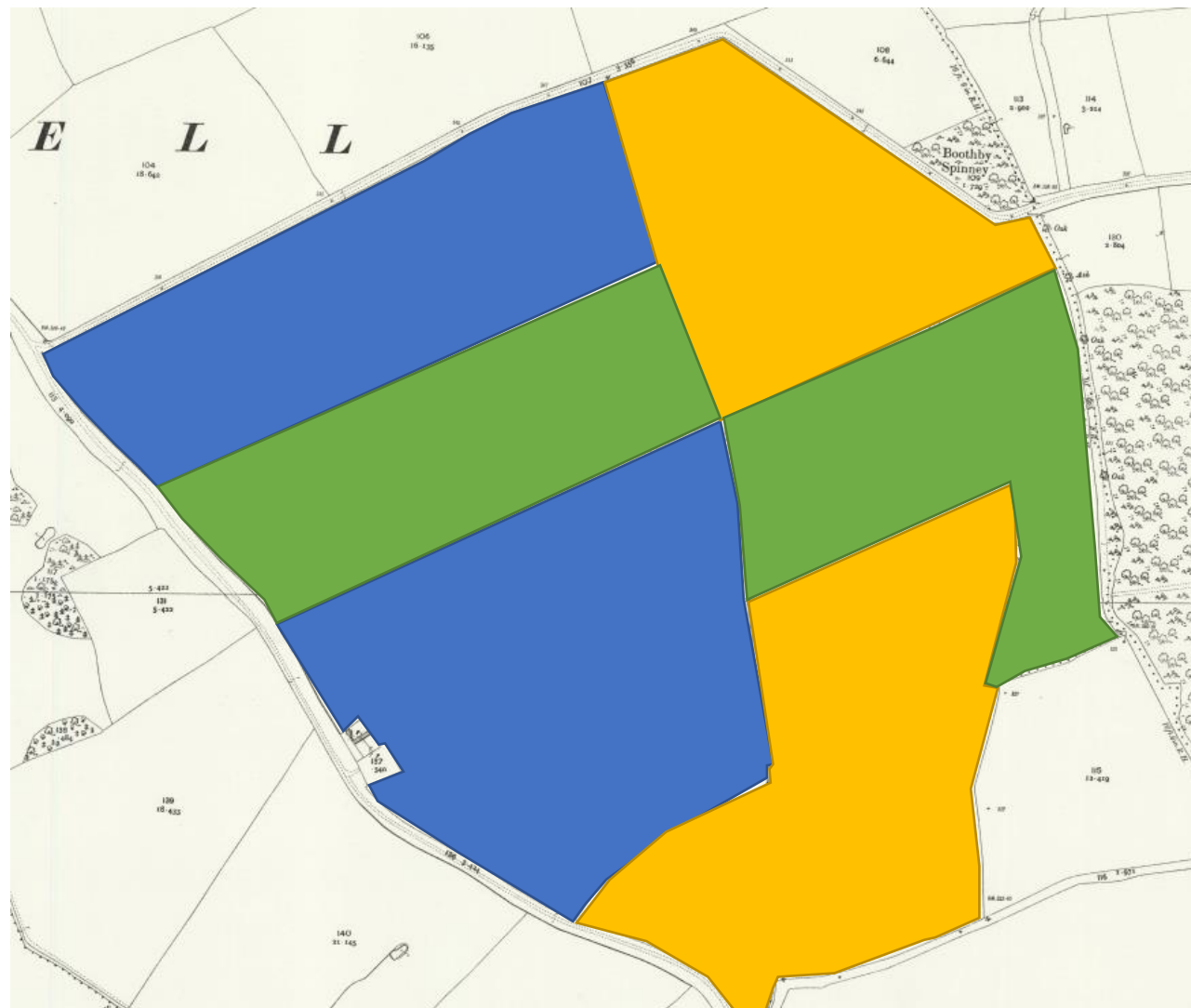
Last harvest year

2024

2023

2022

Divide 69 ha
into 7 x 10 ha
fields



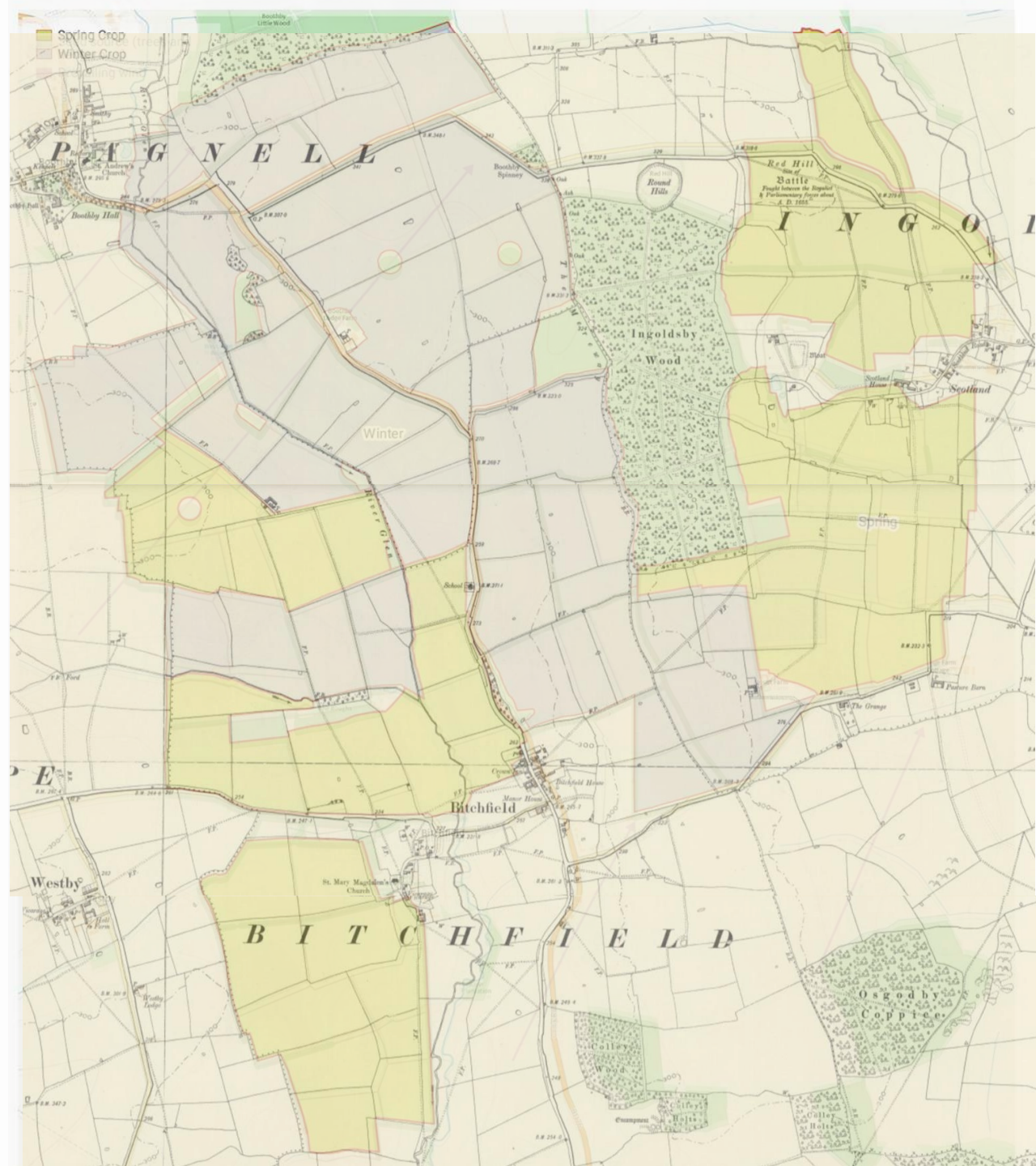
Last Harvest Years

This field by field sequenced exit from farming combines thinking on:

- Soil types
- Weather and seed source
- Historical field boundaries
- Spring cropping

Last harvest year

2024
2023
2022



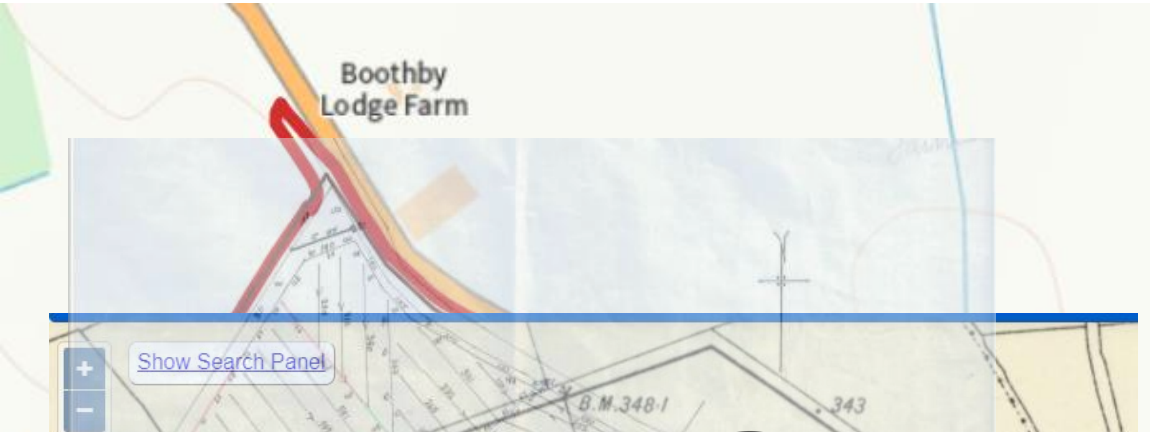
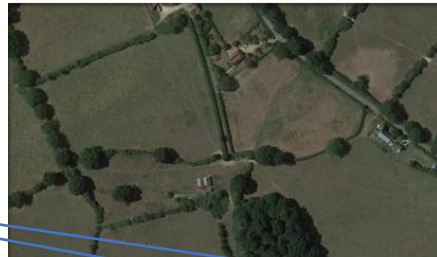
Kickstarters

Ghost Ponds

Field Drains

Green Hay

River Restoration



Nature restoration Economics

Core Revenue streams



Sustainable, Organic Meat



Accommodation



ELMs Landscape Recovery



Safaris

Nature restoration Economics

Additional revenue streams

ADDITIONALITY



Woody Biomass
Carbon



Voluntary Market



Soil Carbon
Credits



Voluntary Market

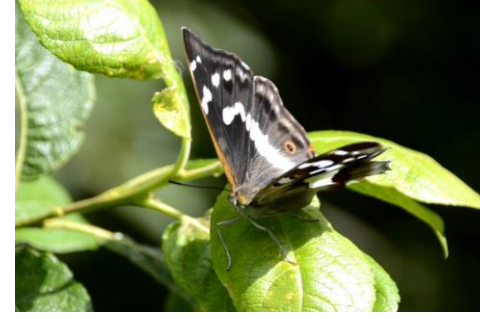


BNG



Compliance Market

Developers



Biodiversity Uplift
Credits



Voluntary Market

Corporations with
Net Nature Benefits
and Environmental
Goals



Nitrate and
Phosphate Credits



Compliance/voluntary

Developers/water
companies

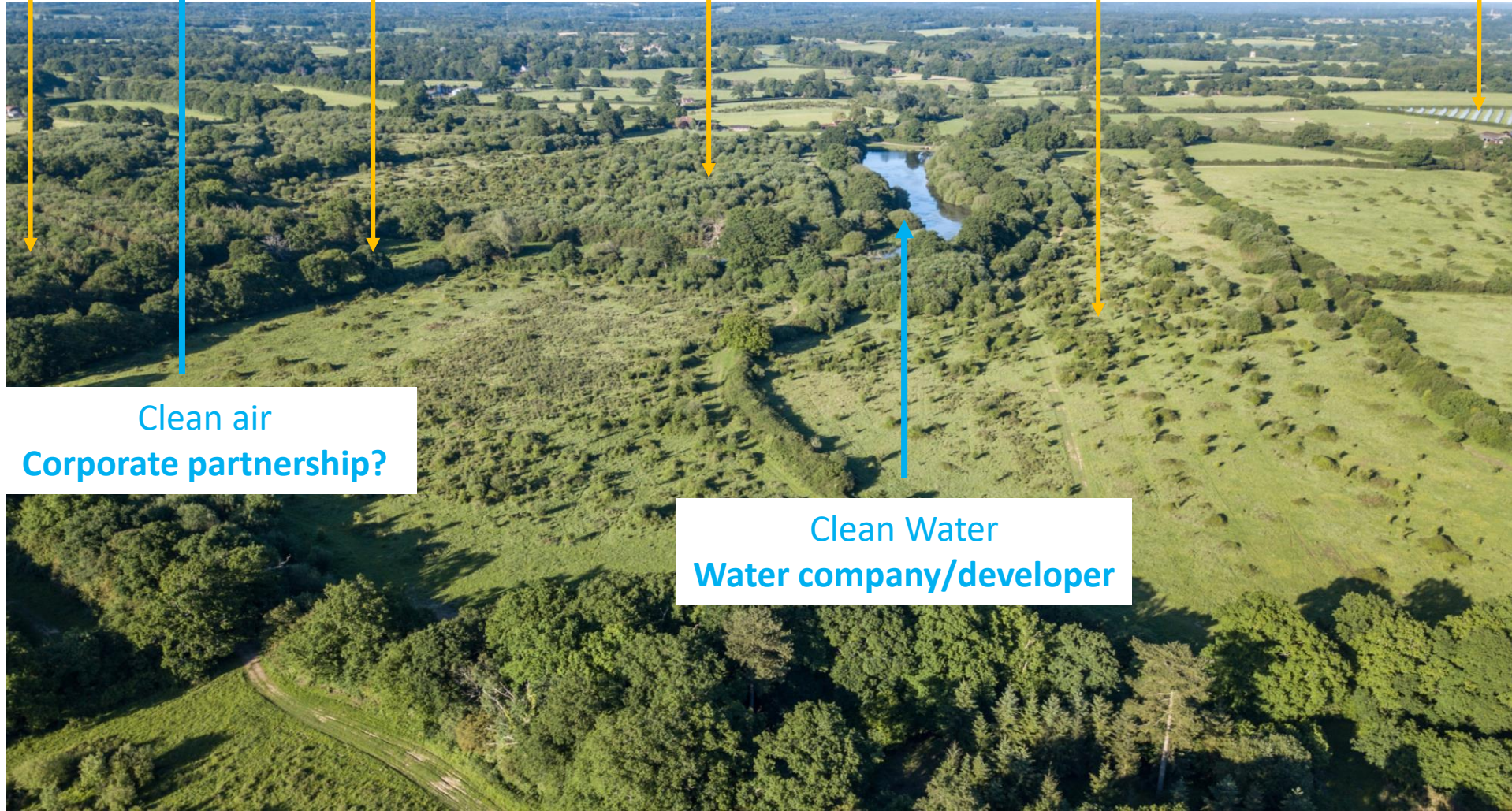
Mixed Broadleaf
Plantation
Carbon/BNG

Wetland creation with
beavers
NFM

Naturally regenerating
woodland + soils
Carbon

Scrub and wood pasture
Uplift Credits

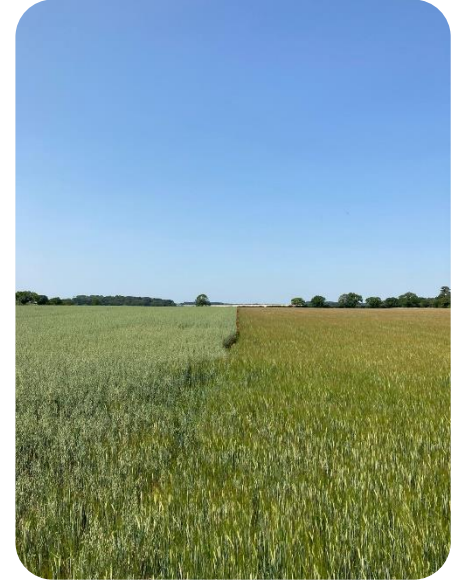
Solar panels
Net zero



Clean air
Corporate partnership?

Clean Water
Water company/developer

Thank you



ivan.deklee@nattergal.co.uk