# the natural way forward 



## Natural process led re-wilding project 104 acres approx Small number of varigrentorisal <br> Minimum period 25 years




# Our 65 acre grazing farm north facing 

## Horders Farm



## 39 acre council grazing farm Wilkinsth facinf



Creates a 104 acre area north and south aspects Sturkel river

## Proposed project area

Government policy

## A changing Shaftesbury

Global climate crisis

Legacy

Increased biodiversity Increased wildlife numbers

## Improved soil structure water and air qualities Re-wildifigubeefrexitsis?

Wildlife stepping stones and ecological networks

Increases viability and potential for success
Diversity of environment with north and south aspects
Reunification and protection of the water meadows Places the rivereapditionak 39 a,

Increasing biodiversity and attracting wading and migratory birds

## Stakeholder role Trail blaze

First re-wilding project in Dorset Links to: Low Carbon Dorset


Dorset Council Environmental Policies
Dorset Local Nature Partnership Ecological Networks
"We are at a unique stage in our history. Never before have we had such an awareness of what we are doing to the planet, and never before have we had the power to do something about that. Surely we all have a responsibility to care for our Blue Planet. The future of humanity and indeed, all life on earth, now depends on us."

Sir David Attenborough

# Air <br> Carbon Soil 

Water
Increased Wildlife Any questionst?

Livestock
Stepping stones
Maps
"microbial mass had more than doubled and fungal biomass had more than tripled in ten years" I.Tree 2018

Increasing soil fertility aeration and structure of the soil will result in healthier plant life

By not using wormers there will be an increase in coprophagous insects. Their tunnelling, eating and digesting process increases organic matter.

The more species living in an ecosystem the greater its resilience and productivity

Improved soil quality leads to an increase in plant life resulting in more insects birds and more wildlife

## Biodiversity

A project with nature in the driving seat and grazing animals turning the wheels will increase biodiversity exponentially

Diversity in plants leads to diversity in all living systems

Air in nature is loaded with microbes which boost the immune system and are beneficial for health

Water meadows act as a carbon sequester removing air pollution
Biodiversity of plants trees insects and wildlife improve air quality

Increased carbon capture through improved soil structure with plant and tree regeneration will improve the quality of the air

Helps migration

Preservation of endangered species
Builds resilient ecological networks
Creates wildlife corridors

## Stepping Stones

Trailblazing re-wilding will encourage other projects and the number of stepping stones across the country

RSPB 2019 report 40 million less birds in UK than in1966

## UK's most endangered

 species have more than halved since the 1970's
## Increased Wildlife

Re-wilding allows soil and plant life to regenerate this attracts more insects birds and wildlife
Fewer grazing animals benefits the soil plant life and therefore wildlife

# Water meadows sequester carbon and reduce flooding 

Growth of cover crop and scrub allow water to be absorbed reducing flood risk

Soil structure improvement

## Water

increase water absorption
Rainwater filtration improves the quality of groundwater run off

High levels of carbon in the atmosphere cause global warming and extreme climatic events

Improved soil structure and Water meadows have the ability plant life sequester mo earfibon to sequester large amounts of carbon

Government targets to reduce carbon emissions
by $57 \%$ by 2030 on 1990 levels


## Livestock

Exmoor Pony (c) EFearn


English Longhorn cattle © Dave L

Roe Deer (C) Jojo


Tamworth Pig ©Benoit Brummer

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## Thank you for giving us this opportunity the natural way forward



