Wild Ken Hill’s three-prong approach of 1) Wilding, 2) Regenerative Agriculture, and 3) Traditional Conservation
We found ourselves facing two major challenges. In 2018, we decided to embark on a radical response to these challenges.

**Worsening biodiversity and climate crisis in the UK – how can we change this?**

**Brexit will cause a significant loss of income for UK farms – how will we cope in the future?**

**Forecast EU farming subsidies for Wild Ken Hill (2019-28)**

*We decided on a radical response to these challenges*
Our own rewilding efforts have focused on 8 key areas

**Understand ecology of the site**
We designed a rewilding scheme to maximise the site’s ecological potential

**Natural grazing**
We will add wild herbivores such as feral cattle, horses, and pigs from 2021

**Species reintroductions**
We have reintroduced beavers and are considering others

**Fencing & signage**
We are building a perimeter fence and signage to reduce human-wildlife conflict

**End old practices**
We are ending hedge trimming, commercial forestry, and other former practices

**Community engagement**
We engage with local Parishes, societies and conservation groups, as well as speaking at events

**Organisational partnerships**
We are working with local NGOs and universities such as UEA and the RSPB

**Research & monitoring**
We are investing in tracking changes to biodiversity and carbon emissions over time
Natural grazing
We will add wild herbivores such as feral cattle, horses, and pigs from 2021
Species reintroductions
We have reintroduced beavers and are considering others
We think following these 6 principles is the bare minimum. They are not perfect, but they work well for arable farms.

1. **Understand Context of Your Farm Operation**
2. **Minimize Soil Disturbance**
3. **Maximize Crop Diversity**
4. **Keep the Soil Covered**
5. **Maintain Root Year-Round**
6. **Integrate Livestock**
Regenerative farming is also allowing us to deliver a range of environmental benefits:

- Storing 1,600 tonnes of CO2e per year
- Award winning on-farm biodiversity
- Improved water infiltration and retention

**Arable farming operation carbon balance in 2022**
(Tonnes of carbon dioxide equivalent)

<table>
<thead>
<tr>
<th></th>
<th>Emissions</th>
<th>Sequestration</th>
<th>Balance</th>
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<tbody>
<tr>
<td>Carbon</td>
<td>-2,110</td>
<td>-1,615</td>
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<tr>
<td>Stored</td>
<td>494</td>
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0 500 1000 1500 2000 2500
-500 -1000 -1500 -2000 -2500
Even after three years of thorough regenerative farming, when placed under a microscope, our soils still have nowhere near a complete set of microbes.

Red circles are bacteria.
There are few other soil microbes.
THE SOIL FOODWEB

Our soil teams with a multitude of organisms which provide the necessary work for healthy plants to grow free from disease, pests, and infertility. These interconnected interactions and feeding relationships (quite literally “who eats who”) help determine the types of nutrients present in soil, its depth, and pH, and even the types of plants which can grow.
On these courses, I learnt to analyse our soils much more deeply, even quantifying the numbers of different microbes.
<table>
<thead>
<tr>
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<th>23/10/23</th>
<th>14/1/23</th>
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<td>Recommended range for growing cereals: 135-1,350</td>
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<td>97</td>
<td>208</td>
<td>260</td>
<td>389</td>
<td>710</td>
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<td><strong>Bacteria</strong></td>
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<td>Recommended range for growing cereals: 135-1,350</td>
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<td>2,003</td>
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<td>273,907</td>
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Thank you