

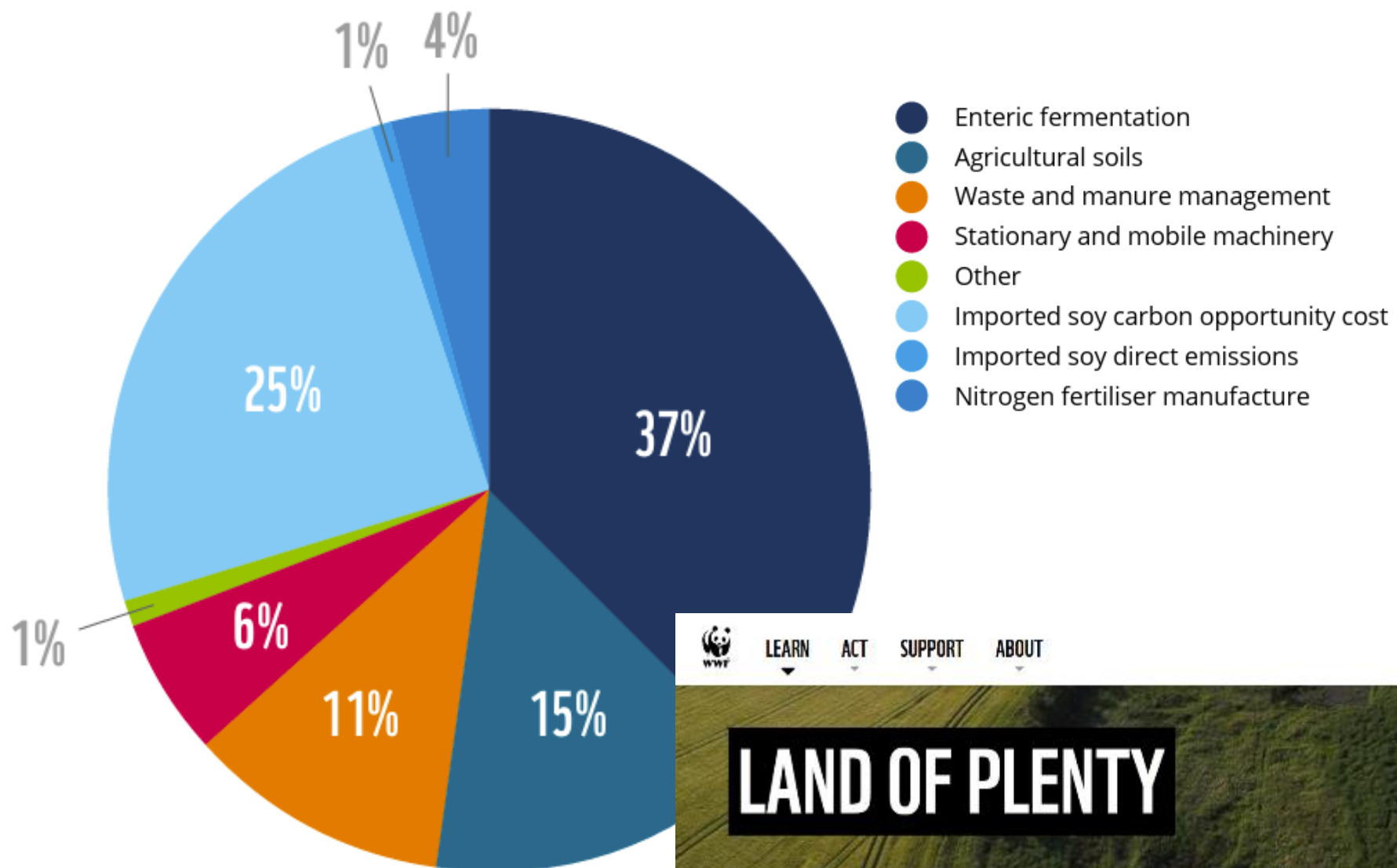


The Food System in context

Jo Lewis, CEO, Wiltshire Wildlife Trust

b) Sources of agricultural emissions including Scope 3 (2018)

Total = 77.6 MtCO₂e



FIXING NITROGEN

The challenge for climate, nature and health



Nitrous Oxide N_2O

Long lifetime means it accumulates in the atmosphere

Concentration in atmosphere

Emissions

Methane CH_4

Shorter lifetime means stable amounts in the atmosphere

Emissions

Concentration in atmosphere



Sustainable
Nitrogen Alliance



Ultra-Processed Planet

The impact of ultra-processed diets on climate, nature and health (and what to do about it)



- >50% UK diet UPFs
- 80% of UPFs comes from 4 crops: maize, soy, palm, wheat.
- Brazil, Canada, Chile, Ecuador, France, Israel, Mexico, Peru and Uruguay have national policies to reduce UPFs





Food, Farming
& Countryside
Commission

Farming for Change

Mapping a route to 2030



IDDRI
20 YEARS

SciencesPo

Modelling an agroecological UK in 2050 – findings from TYFA_{REGIO}

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Abstract

Based on the Ten Years For Agroecology (TYFA) scenario for the EU (Poux, Aubert, 2018), this report provides a more detailed analysis of the UK food system under an agroecological future. Using a newly adapted modelling platform (TYFA_{REGIO}), which combines assumptions about both the supply (agro-ecological production) and the demand sides (sustainable diets), it evaluates the biophysical and ecological impacts of an expansion of agroecology in the EU.

First, this report describes the modelling framework used for the characterisation of three agrarian regions in the UK. Then, it outlines the assumptions made about diet change and agroecological production patterns to recreate the UK food system. Finally, it presents the model outcomes in terms of plant and animal production, land use, biodiversity, climate change and ultimately the net food balance (if diet changes occur).

National Food Strategy

Independent Review

THE PLAN.



Wildlife and
Countryside



Food, Farming
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Commission



sustain
the alliance for better food and farming



FOUNDATION
FOR
COMMON LAND



The countryside
charity



WOODLAND
TRUST



Eating Better



RBST
Rare Breeds Survival Trust



PASTURE
FOR LIFE



National
Trust



**A Consensus
on Food Farming
and Nature**

Home

Why Get Involved



Shared vision and understanding is vital in building a better food system.

Farmers have been working with some of the biggest environmental groups to find common ground on a better way forward for farming. It is vital that producing food from profitable farm businesses can be achieved at the same time as restoring nature and meeting the climate challenge. We want to create a strong common message for policy makers about what now needs to be done.

[Read the Consensus](#)



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Country manor to become regenerative farming hub

