

UKRI – TUKFS Project Steering Meeting

Work Package 2

*Trade, production and price
impacts*

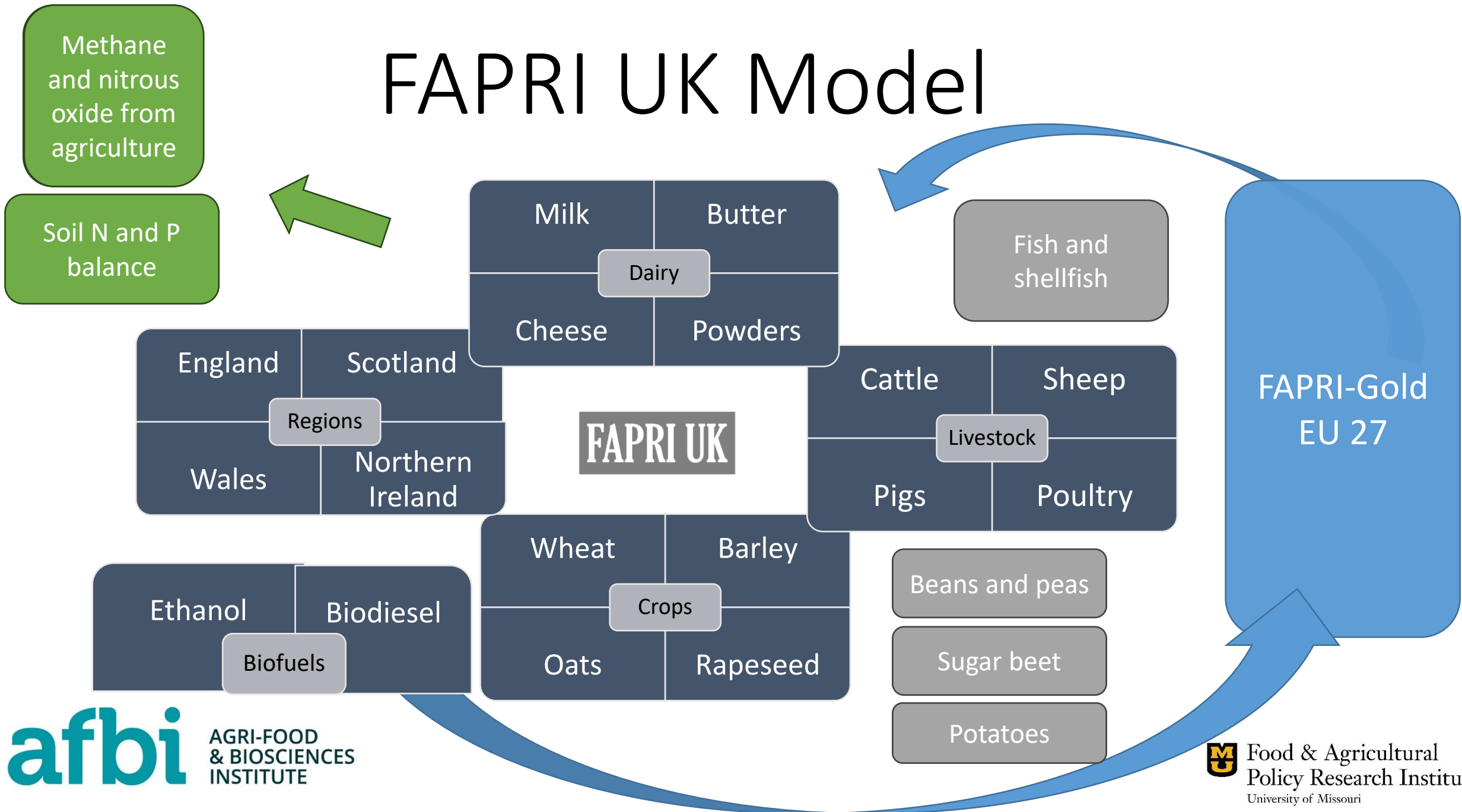
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afbini.gov.uk



FAPRI UK Model



Complete

Complete

November
2024

July 2025

Model development

Fishing and
salmon/trout
farming

Beans and peas
Potatoes
Sugarbeat

Baseline

10-year projection

Business-as-usual

Scenario

Alternative diet

Counter factual

Analysis

Trade, phosphorus
and nitrogen
balances (UK-level)

Prices, production,
GHG emissions
(national-level)



Crops

Prices fall due to global productivity outpacing population growth
Animal feed demand increases along with crop consumption in the UK
High potato prices decrease per capita consumption

Meat and fish

Population growth and falling prices increase total amount of meat consumed in the UK
Difficulties in pork sector see decline in UK production but steady consumption
Fish consumption stable with more farmed production filling gap from caught

Dairy

Cheese and butter prices trend upwards from 2023 and SMP down
Consumption of butter holds and cheese trends upwards to 2033
Butter and cheese trade balance steady with SMP production exports down

Briefing on the outlook to 2033 for agriculture in the United Kingdom

Erin Sherry, Julian Binfield and Paul Caskie

[Realigning UK Food Production and Trade for Transition to Healthy and Sustainable Diets](#)

Pathway to impact

- Oral presentation accepted at the 188th EAAE Seminar "Reorienting agri-food chains to hinder climate change and food security threats", Sept 2024
- Invited to present to the Department of Economics, Maynooth University, October 2024
- Planning to submit to:
 - AES Annual Conference, March 2025 (focus on regional UK impacts)
 - EAAE Congress, August 2025 (focus on environmental impacts)