



All-Party Parliamentary Group on
Science and Technology in Agriculture

HAVE YOUR SAY ON UK FARMING'S FUTURE DIRECTION

CALL FOR EVIDENCE

APPGSTA 30:50:50 Innovation Agenda for UK Agriculture

During Agri-Science Week in Parliament earlier this year, the All-Party Parliamentary Group on Science & Technology in Agriculture (APPGSTA) launched its [30:50:50 Innovation Agenda for UK Agriculture](#), setting out an ambitious, high-level objective to increase domestic food production by 30% by 2050 while reducing UK agriculture's environmental footprint by 50% in terms of greenhouse gas emissions, land use, water use and soil health.

Today, the All-Party Group is launching a two-month call for written evidence to support the development of this agenda. This call is central to a programme of activity over the coming months to take the 30:50:50 conversation forward, which will also include a series of expert roundtables, focused APPG meetings, site visits, and 'Have Your Say' presence at the Cereals event.

The input and evidence we receive will feed into a final 30:50:50 report, including recommendations for Government action, to be unveiled at a major Agri-Science Summit hosted by the All-Party Group at Westminster in early November.

About the APPG's 30:50:50 vision

We believe the urgency of UK and global food security, affordability and sustainability challenges mean clear, long-term objectives are needed to help farmers produce 'more from less', harnessing the latest advances in agricultural science and innovation.

With our good soils, temperate climate, professional farming sector and world-class agri-science base, Britain is well-placed to produce more food, more sustainably, and reduce our dependence on food imports. In doing so, we will also be better placed to contribute to the global food security challenge by developing and exporting technological solutions, and fostering international R&D collaboration.

But UK agriculture lacks clarity and consistency about its purpose. Current farm policies incentivise farmers to take land out of production, and reward lower-yielding practices on highly productive farmland. Our over-precautionary and under-resourced regulatory processes are stifling access to farming innovations which are readily available to producers elsewhere. And while our agricultural scientists remain global leaders in academic terms, their research is no longer translating into domestic productivity growth at the practical farm level. Our dependence on imports in some sectors, including fresh produce, vegetable oil and protein crops, is at record highs.

To deliver on a new vision, we believe the UK needs to set clear, long-term objectives for our agricultural sector, with measurable targets for sustainable efficient production. We also need mechanisms in place to benchmark and monitor progress over time against those targets. And we need joined-up policies for farming and land use, regulation of new technologies and R&D – all pointing in the same direction, with innovation at the heart of the agenda.

As the Government progresses plans for a new farming roadmap, SFI reset, food strategy and land use framework, the 30:50:50 agenda offers a co-ordinated, outcomes-focused approach.

Call for evidence

The All-Party Group is keen to receive feedback from across the agri-food sector on the 30:50:50 agenda and the three steps outlined in the original vision document, for example:

30:50:50 targets for Sustainable Efficient Production (SEP)

- are the targets realistic, under-or over-ambitious?
- are the parameters right (ie land use, GHG emissions, water use, soil/water quality per unit of output)?
- how to combine into a single Sustainable Efficient Production (SEP) index?
- holistic approach to 30% increase in production, or sector by sector?

Farm-level data and metrics

- individual farm-level data vs. secondary database?
- best way to collect and integrate farm-level data?
- how to integrate with existing initiatives, eg Food Data Transparency Partnership, IGD, AHDB, Mondra, SAI Platform etc.
- how it relates to Farm Business Survey, eg can historical data be used for benchmarking, comparisons etc.

Policy environment

- is the current policy and regulatory landscape fit-for-purpose to deliver against the 30:50:50 agenda?
- what needs to change across key agricultural sectors in terms of:
 - farming and land use policy;
 - regulation of agri-innovations;
 - organisation and prioritisation of R&D?

Across the following eight agri-science sectors, the All-Party Group is keen to map expert views on how the UK is performing in each of these three policy areas, and whether current policy is likely to enable or disable the delivery of 30:50:50 objectives:

Plant breeding and seeds
Crop protection
Crop nutrition
Agricultural machinery

Livestock genetics and breeding
Farm animal health
Animal feed/nutrition
Digital applications (AI, automation etc)

Success case studies

In addition, the All-Party Group is keen to receive examples of sectors/products/technologies already delivering or with the potential to deliver against the 30:50:50 agenda, as well as alternative models or policy approaches in other countries which are helping farmers to produce more with less.

Have your say

The All-Party Group invites concise feedback on any or all of these questions, by the closing deadline of 22 July 2025.

Please reply directly to this email to submit your written response –
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