Westminster Food & Nutrition Forum policy conference: Next steps for technology, innovation and AI in UK agriculture

Timing: Morning, Thursday, 11th December 2025

Taking place online

Draft agenda subject to change



9.00 Chair's opening remarks

Senior Parliamentarian

9.05 The UK's agri-tech sector and opportunities for the future

Professor Simon Pearson, Head, School of Agri-Food Technology and Manufacturing, and Director, Lincoln Institute for Agri-Food Technology, University of Lincoln Ouestions and comments from the floor

9.30 Priorities for development, investment and commercialisation in the agri-tech industry

opportunities following the Industrial Strategy | coordination across funding streams and incentives | broadening access to growth finance and research facilities | supporting rollout of proven technologies | pathways for commercialisation and scale-up | advancing net zero and biodiversity aims | status and timing of secondary legislation under the Genetic Technology (Precision Breeding) Act 2023 | regulatory priorities and market entry | access to facilities and infrastructure | coordination across research, industry and farmers | aligning with devolved approaches and regional participation

Senior representative, investment Senior representative, consultancy Senior representative, research Senior representative, industry Senior representative, farming

Questions and comments from the floor

10.25 Progress and next steps for technology, innovation and AI in agriculture

Professor Anjali Goswami, Chief Scientific Adviser, Department for Environment, Food and Rural Affairs; and Honorary Professor, Department of Genetics, Evolution and Environment, UCL Questions and comments from the floor

10.55 Chair's closing remarks

Senior Parliamentarian

11.00 Break

11.10 Chair's opening remarks

Senior Parliamentarian

11.15 The future for AI and automation development and governance

assessing the role of data and digital tech in enabling targeted, efficient and resilient systems | transparency, clarity in decision-making and public engagement | integration of AI in yield optimisation and efficient use of fertiliser, water and crop protection | improving reliability and assurance | implications of robotics and automation for addressing labour shortages | governance, liability and insurance for autonomous systems | regulatory sandboxes and testbeds | cybersecurity and operational resilience | alignment across UK, devolved and international frameworks | compliance and oversight for AI and gene-editing

Senior representative, AI

Senior representative, automation

Senior representative, legal

Questions and comments from the floor

11.50 <u>Strategies for collaboration and supporting adoption of novel technologies</u>

Senior representative, innovation

12.05 Addressing challenges in scaling up innovation, improving skills and engaging farmers

routes to adoption for smaller and diverse farm types | widening on-farm trials and peer-to-peer exchange | improving access for farmers facing cost constraints | integrating digital skills into education and training | transition support where automation affects employment | priorities for rural connectivity and interoperable data systems | frameworks for data ownership, privacy and benefitsharing | data sovereignty and cross-border data flows | trust, communication and community engagement | coordination between local, devolved and UK-wide programmes

Senior representative, farming Senior representative, industry Senior representative, skills Senior representative, data

Senior representative, local authority

12.30 Questions and comments from the floor

12.55 Chair's and Westminster Food & Nutrition Forum closing remarks

Senior Parliamentarian

Jessica Lear, Westminster Food & Nutrition Forum

