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Innovation and collaboration across the agri-food sector

Westminster Food & Nutrition Forum Keynote Seminar
Next steps for UK agriculture – funding and support priorities, sustainability and the policy framework post-Brexit

Congress Centre, 14th March, London
Teagasc in brief

- Teagasc – pronounced “Chawg-ask” means “instruction”
- Teagasc – The Irish Agriculture and Food Development Authority – research, advisory and education
- Annual expenditure €188 m. and 1260 total staff – 70% State grant
- 248 researchers + 253 Ph.D. students; 76 subject-matter specialists; 66 teachers; 300 farm advisors; 7 research centres; 51 advisory offices and 7 colleges
Teagasc research: from farm to gut
Collaboration is the new innovation

- Collaboration (PPPs) frees up barriers to innovation intrinsic to public and private organisations
- Public and private organisations need to adapt to maximise their innovation potential
- Our mantra “we prefer to work *with* companies (collaboration) rather than *for* companies (service providers)”
- Support structures to foster innovation through collaboration … some examples from Ireland
- Innovation needed in how public research organisations market technology
The innovation pipeline and PPPs

- **Results Preference**
  - Open
  - Closed

- **Risk & Capital Need**
  - Low to Moderate
  - High

- **Value Perspective**
  - Private
  - Public

- **Time Horizon**
  - >5 years
  - 1-5 years
  - <1 year

- **Research Areas**
  - Basic Research
  - Applied Research
  - University & Res. Insts.
  - Industry

- **Phases**
  - Market Introduction
  - Market Deployment

- **PPPs**
Inverting the traditional innovation paradigm
Examples of industry led public (Teagasc and universities)-private food research collaborations

Multi-annual programmes

- *Meat Technology Ireland* … €8m & 9 companies
- *Dairy Processing Technology Centre* … €22m & 8 companies
- *Food for Health Ireland* … €8m & 8 companies
- *Prepared Consumer Foods Centre* … €10m
- *Alimentary Pharmabiotic Centre Ireland* … €80m & 9 companies
- *VistaMilk (Precision Dairy)* … €40m & 40 companies
Innovation in marketing technology
Technology Portfolio

- Web based, hard copy, USB, DVD forms available.
- Updated on a six monthly basis and re-issued before a Food Innovation Gateways event.
Thank you