

# Brokerage Event

Food Security | Sustainable Agriculture and Forestry |  
Marine, Maritime and Inland Water Research |  
Bioeconomy | KET-Biotechnology |

**Brussels, 15th November 2017**



Sustainable Food Security

## Variety testing in Northern Ireland

Ethel White

AFBI



[www.ncp-biohorizon.net](http://www.ncp-biohorizon.net)

BioHorizon project is funded by the European Commission - Grant Agreement no. 652637

## DUS testing on herbage grasses and clovers





**VCU testing**  
in cereals,  
potatoes,  
herbage  
grasses and  
clovers and  
maize using  
field trials and  
related  
laboratory tests



- Variety trials conducted on farms across Northern Ireland
- UK National List decision-making processes
- Data analysis and software development for VCU and DUS purposes
- Variety x trials database developed with Teagasc, Ireland
- KT: variety recommendations and information & internet-based tools
- Northern Ireland provides a distinctive growing environment e.g. challenging for wet-weather diseases in cereals



- SFS-**29**-2018: Innovations in plant variety testing
- SFS-**05**-2018: New and emerging risks to plant health
- SFS-**06A**-2018: Stepping up integrated pest management / Decision support systems
- SFS-**01A**-2018: Biodiversity in action: across farmland and the value chain / Small organisms, big effects for plants – Below ground biodiversity interaction with plants

**Ethel White** - [ethel.white@afbini.gov.uk](mailto:ethel.white@afbini.gov.uk)

**Agri-Food and BioSciences Institute**, Northern Ireland, UK

Research institute with academic and knowledge transfer roles