Developments in Dutch agricultural insurance and big data: an innovative approach

Bernard Koeckhoven
Developments

globalization  scaling  climate  alternative income

sustainability  declining markets  transparancy  competition

animal welfare  price volatility  (European) legislation  digitalisation
Agricultural insurance, a balancing act
Building blocks

Government

Science

Insurer

Data

Models

Field knowledge
Basic idea

Growth → Damage → Assessment
End to end digital crop process

share  report  assessment
Test and calibration
Real life results

Calculated Yield Loss: 5%
Estimated Yield loss: 3%

Calculated Yield Loss: 10%
Estimated Yield loss: 4%
Our vision

- Farmer collecting data
- Processing by chain partners
- Valuable yield data for the farmer
Questions & Discussion