Central Europe
What models are there

- Global models
- 1 EU model (Audsley)
- 0 National models
- Regional models:
  - Xxx in Brandenburg
  - Yyy in Austria: case study on rural development
- Farm models: 3 cases in Poland in Region
What issues food security

- We look at supply (quantity)
- We look at water efficient production
What adaptation measures

- More productive cultivars - close interaction with CropM
- More productive crop mixes
- Options to close yield gap - interaction with CropM will be needed
- Win win: reduce beef production (or at least methane emission)
What are the current constraints

- Data limitations: mainly technology
- But not climate models and baseline information for economic models
Who will provide data

- Mainly CropM
- Model cascade: global models and EU model for national and farm models
Who are the stakeholders

• farmers
• breeders
• a GMO sensitive general public
Who will contribute to RAPS

• Every modeler because implicitly given in the scenarios
What are the improvements

• Better model parameters

• Better understanding about implicit technological assumptions

• Better knowledge about model behavior relative to other models

• Smarter modelers