



Nordic Climate Adaptation Workshop  
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# K3 agriculture

## Climate Communication Competitiveness

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# Climate change and Swedish agriculture

- ... new climate conditions
- ... indentifying critical factors for the adaptive capacity of the sector and indiviual farmers
- ... new possibilities within bio-energy production
  
- ... driving factors and barriers?
- ... incentive structures?

# Institutional layers define the decision context for the farmer

- ... Legal:
  - Property rights
- ... Economic:
  - Risk
  - Cost of changing production system
  - Time perspective
  - Net profit
  - Market conditions (incl contract farming)
  - Economic policies (CAP etc)
  - Alternative use of land
- ... Values, knowledge:
  - Risk perception
  - Knowledge about cultivation methods
  - Knowledge about alternative crops
  - Policy support (extension etc)
  - Esthetic considerations( landscape, hunting opportunities etc)
  - Moral aspects: 32 % state that ”you cultivate to grow food – not enery)

## Empirical study

8 Focus groups  
with farmers  
During 2010

## The farmer

- Size of farm
- Age, education
- Geografocal location
  
- "Traditionalists" and "risk takers" (Örnberg, 2008)



*Thank you!*