

# BioChain related Research

Kor Zwart

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- Microbiologist by education
- Soil / Agricultural scientist by practice
- Alterra Wageningen UR
- Team Sustainable Soil Management
- Agriculture and Environment



# Biogas -1

- RUDAD
  - Post doc University of Nijmegen 1982-1986
  - Rumen Derived Anaerobic Digestion
  - Biogas from **solid** organic waste using Rumen micro-organisms







# Biogas-2

- Alterra Wageningen UR
- Assessment of Sustainability of anaerobic (Co-) digestion
- - PPP-approach (Energy, GHG, Money)
- Excel model
- Advisory projects for the industry and (local) governments

# Other work

- Sustainable Soil Management
- ‘New’ organic fertilizers from organic waste, including biochar
- Implementation of the Nitrates Directive in the EU-27

# Role in BioChain

- On Demand and Non Demand Comments
- Overall view ('Helicopter view')
- Technical aspects
- Sustainability Aspects
- Digestate Application





"I know nothing about the subject,  
but I'm happy to give you my expert opinion."

