

Way out #3  
further scale enlargement:  
megastables and agro-production parks







Views on  
future of pig  
production



## Way out #4 diversification of income





## Way out #5

increasing soil  
fertility  
& reducing costs





## Lessons learnt in the Netherlands (1):

Potential of  
building on  
farmers'  
knowledge and  
experience – with  
support of  
research



## Lessons learnt in the Netherlands (2):

Restoring soil fertility and organic matter is highest priority  
(by closing N and P nutrient cycles)





**Lessons learnt in the Netherlands (3):** Focus on optimization of farm as a whole rather than maximization of one single product (milk or meat per year or lactation)



Lessons learnt in the  
Netherlands (4):

Diversifying farmer's work  
and income  
(now 40% of farmers)





## Lessons learnt in the Netherlands (5):



Potential of direct marketing (now 10% of farmers)



# Lessons learnt in the Netherlands (7)

## Re-value local and dual-purpose breeds





Lessons learnt in the Netherlands (6):  
Need to re-establish link between farm and  
natural environment





## Lessons learnt in the Netherlands (8)

### Re-linkage between crops and livestock





# Lessons learnt in the Netherlands (9)

Revaluing  
medicinal plants  
(to reduce  
antibiotic use)



## Natural Swine Health

A guide to keeping your pigs healthy with herbs and other natural products

bioKennis

Maria Groot, RIKILT  
Gerdien Kleijer-Ligtenberg, IEZ  
Tedje van Asseldonk, IEZ



WAGENINGEN UR  
For quality of life

# Conclusions and Recommendations

- Dutch history shows that technologies based on ‘old’ practices are actually modern!
- The nine lessons learnt about side-effects of industrial livestock keeping need to be included into global livestock development policies
- Developing countries can learn from this experience and make ‘technology leap’ to effectively support their smallholder farmers
- Dutch farmers can also benefit from age-old knowledge that still exists in developing countries



We can  
inspire each  
other ....  
and prevent  
the repetition  
of mistakes  
that are now  
known!



Contact:  
[www.dutchfarmexperience.com](http://www.dutchfarmexperience.com)