### CORE Organic

#### Programme - Workshop ANIPLAN – Payerbach Reichenau

Monday, May	11th
Morning	Arrival
12.30 am	Lunch
2 pm	Welcome and Introduction to ANIPLAN
	What are our goals for the project/this workshop (C. Winckler)
2.20pm	Update and status of the ANIPLAN project
	Country reports (max. 8 minutes per country) (Facilitated and led by M. Vaarst)
4pm	Coffee break
4.30pm	Expectations to a model for animal health and welfare planning to use in practice, as the major
	outcome from this project
	Presentations given by BioAustria and ANIPLAN Austria (C. Größ/E. Gratzer)
5.30pm	Group discussions about the expectations
	How we ourselves in our different countries perceive our own expectations, and the expectations expressed
	by the farmers where we work in this project, and with the stakeholders, organisations etc. with whom we
	communicate.
	We aim at answering the following questions,
	<ul> <li>What are the expectations in our own context (research, advisory service, farmers, organisations)?</li> </ul>
	What is needed to make our efforts in the project meeting these expectations?
	- How to disseminate our results?
6:30	Plenary presentations of the group discussion
7pm	dinner

#### Tuesday, May 12th

This day is concentrating on methods, applications and pros/cons for qualitative and quantitative research, Rahel Kilchsperger and Silvia Ivemeyer (FIBL) will give us an introduction and we will discuss in groups:

8am	Breakfast
8.30	Qualitative research and different methods (R. Kilchsperger)
9.00	Short discussion about main objectives and questions of this task in our project
	<ul> <li>Evaluation of advisory actions (farmer field schools/one-to-one advice)</li> </ul>
	• What is the impact of those?
9.30	Possible methods for investigation of these objectives with special focus on group focus interviews
	(R. Kilchsperger)
10.00	Workshop (including coffee at 10.30)
	Did processes operate as expected? Were farmers able to carry out their duties? Where do participants see
	strengths and weaknesses of the planning? What could still be improved? What were the expectations
	(farmers and researchers)? What effects have been observed (farmers and researchers)? Were any of them
	unintended?
12.00	Discussion of methods: Which method fits best?
12.30	Lunch
1.30pm	Walk and talk: personal update and other never-ended discussions during visiting an organic dairy herd
3.30pm	Quantitative research and different methods (S. Ivemeyer)
4.00	Coffee
4.30	Group discussion in 3-4 groups (housing, animal based, records) – how to apply quantitative methods for
	our data?
6.00	Plenary feed back of the afternoon's discussions
7.00pm	Dinner

#### Wednesday, May 13th

This day is a **work day** with data and research results, plans and analysis and concrete going through our data collected so far. We suggest to build up a day of group work, interactive 'open space discussions' and the result of the day is not just plans (but also plans) – we actually have looked at our data bases and the different data formats.

Please take your data sheets, farm reports, and written animal health and welfare plans from your country. You do not have to bring the whole office and a suitcase with data, but please take examples to make it clear to everybody how they look, and data files either on your computer or on a memory stick.

8.00 am	Breakfast
8.30am	Information and discussion about future or current or ongoing projects or collaborations related to ANIPLAN
9.00 am	Group discussion in 4 groups (assessment – facilitation – quantitative data – qualitative data)
10.30am	Coffee break
11.30am	<b>Open space discussions</b> in the 4 groups where there are posters related to each topic + computer demonstrations and 1 person staying as representative from each of the four groups, while the others float around between the four group rooms.
12.30pm	Lunch
2.30 pm	Short plenary: where are we and what are the 7 main issues to discuss for the rest of the day
3.00pm	<b>Discussion in 2 Groups</b> (Qualitative group/facilitation and quantitative group/assessment) Exchange and conceptualisation of ideas, harmonising expectations between the data and the analyses
4.00pm	Coffee
4.30pm	<b>Working in groups</b> relevant based on either a short update after the coffee break, or in combination with the 7 main issues identified between 2:30 and 3 pm
7.00 pm	Dinner with wine

#### Thursday, May 14<sup>th</sup>

8 am	Breakfast
8.30am	Summary meeting: Decisions and plans for the last phase of the project and time table.
	Decisions on the workshop in Switzerland – ideas on whom to invite and what we expect from that. Joint writings and conference participation.
	'Test presentation' by Mette Vaarst for the CORE meeting n Rome in June 2009.
10.30am	Coffee break
11.00am	Group work in future work teams (e.g. on writing a certain article or doing some analyses together); various meetings and making plans concrete; confirmation of agreements.
12.30pm	Lunch

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ANIPLAN Workshop May 11th-14th, 2009, Reichenau, Austria

#### LIST OF PARTICIPANTS

#### **ANIPLAN partners:**

Elisabeth Gratzer, Austria Johann Huber, Austria Christine Leeb, Austria Elisabeth Stöger, Austria Christoph Winckler, Austria Mette Vaarst, Denmark Lindsay Whistance, Denmark Jan Brinkmann, Germany Solveig March, Germany Berit Hansen, Norway Cecilie Mejdell, Norway Silvia Ivemeyer, Switzerland Michael Walkenhorst, Switzerland Gidi Smolders, The Netherlands Madeleine Neale, United Kingdom Phillipa Nicholas, United Kingdom Steve Roderick, United Kingdom

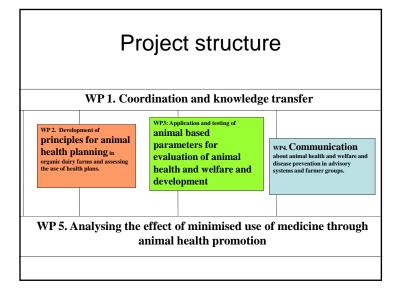
#### **External participants:**

Christa Größ, BioAustria (invited speaker, 11.05.2009) Rahel Kilchsperger, FibL Switzerland (invited speaker, 12.05.2009) Maria Keuschnigg, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Austria (11.05.2009) Davide Bochicchio, Italy Anke Gutmann, Austria (11.05.2009)

CORE Organic	
ANIPLAN Project meeting 11th May 2009	

Development of animal health and welfare planning in organic dairy farming in Europe

Mette Vaarst, Christine Leeb, Pip Nicholas, Stephen Roderick, Gidi Smolders, Michael Walkenhorst, Jan Brinkmann, Solveig March, Elisabeth Stöger, Elisabeth Gratzer, Christoph Winckler, Vonne Lund, Britt I.F. Henriksen, Berit Hansen, Madeleine Neale, Johann Huber & Lindsay K. Whistance



#### 'Original hypothesis'

 Medicine use in organic dairy herds can be minimised through active and well planned animal health and welfare promotion and disease prevention.

Yes – this hypothesis has been maintained and will be maintained during the project.

#### Objective

• To minimise medicine use in organic dairy herds through active and well planned animal health and welfare promotion and disease prevention.

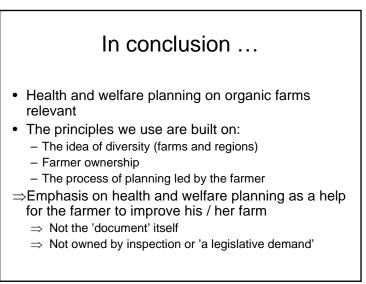
#### Main results so far

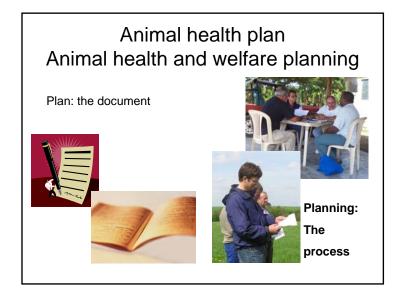
- Animal health and welfare planning more important than having an animal health and welfare plan
- Principles for animal health planning in ANIPLAN



#### Intermediate objectives

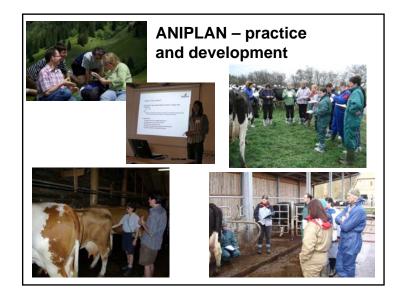
- Develop animal health and welfare planning principles for organic dairy farms under diverse conditions based on an evaluation of current experiences.
- Application of animal health and welfare assessment based on the WelfareQuality parameters in different types of organic dairy herds across Europe. This will result in an overview of the herds and allow for potential adaptations for the organic situation (e.g. pasture systems, longer cow/calf contact). For calves, a special system will be developed by the Norwegian partners, and combined and tested together with the WelfareQuality assessment system.
- Develop guidelines for communication about animal health and welfare promotion in different settings. This can be part of existing animal health advisory services or farmer groups such as the Danish Stable School system and the Dutch network program.

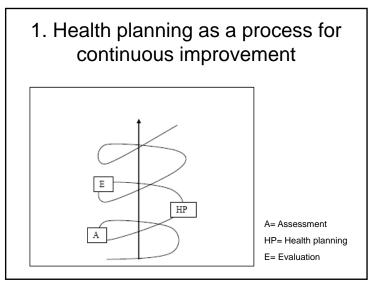




#### Principles developed

- 1. The process => continuous improvement
- 2. Farm specific
- 3. Farmer ownership
- 4. External person(s) should be involved
- 5. External knowledge
- 6. Organic principles framework
- 7. Written
- 8. Acknowledge good aspects

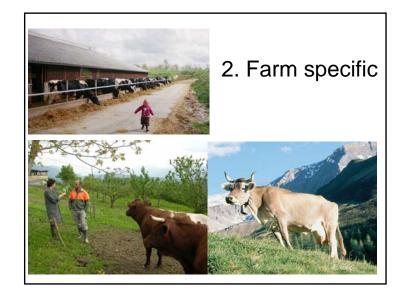




- 1. Health planning as a process for continuous improvement
- Turning an un-acceptable situation into an acceptable situation
- But important is: it does not stop there! Making good things even better!

#### 3. Farmer ownership

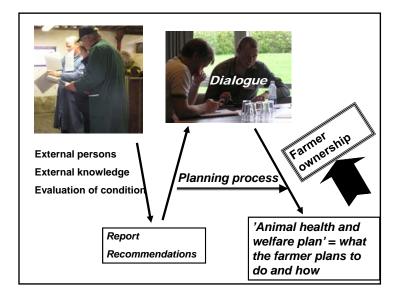




- 4. External persons should be involved
- 5. External knowledge







#### 6. Organic principles framework

- IFOAM principles:
  - Harmony
  - Principle of precaution
  - Re-circulation
  - Local / closeness
- IFOAM's new ...
  - Health
  - Ecology
  - Fairness
  - Care
- … & 'good animal welfare'
  - Animals as part of the farm & animals as individuals ...including 'naturalness'









#### 7. Written

- Common memory of the involved persons ('External persons involved')
- Follow up ('Continuous process towards improvement')
- REMEMBER:
  - The written plan is NOT the recommendations given by others but the commitments actively expressed by the farmer ('Farmer ownership')

Inclusion of new scientific aspects and more extended assessments ... compared to original plan

- The urge for cross-disciplinary approach
  - One wp about communication
  - Process in focus
  - $\Rightarrow$  We have decided to involved qualitative research approaches in addition to the quantitative research
- More ressource demanding animal welfare assessment for scientific purposes: more extended analysis (less focus on epidemiology?)

#### 8. Acknowledge good aspects



... included in the evaluation part ...

## Which challenges for the organic sector will project results contribute to solve, and how?

- That the animal herd and individual animals often are not thought well into the farm
- Give guide lines to the 'right approach' to medicine reduction: better animal health and welfare
- Develop a process for conscious and continuous planning for the future, meeting concerns for animal health and welfare in organic herds
- Include 'organic aspects' into the planning meet needs for being 'more and more organic'

Which challenges do you see in the future for the organic sector (in the domain of the project participants) and which research needs do they point to?

- Resilience and needs to farm to principles in addition to the rules
- Ensure strong responsibility and ownership within the sector

•

c- experience with transnational research, added value, scientific inspiration and perspectives for the European sector.

- Synergy
- Greater external validity for European farmers
- Interdisciplinary approaches are strengthened
- Networks between national + international platforms
- Understanding of 'organic' is constantly challenged

#### Which challenges remain (now)?

- That each country develop data to support the process and base the decisions at
- Despite strong links to end-user environments: to link it to the structures in which the farmers live and the farms exist
- Evaluate long term effects of the process of animal health and welfare planning

•

c- experience with transnational research, added value, scientific inspiration and perspectives for the European sector: more general and recommendations

- It is an advantage with previous collaboration
- Our experience: very different backgrounds but all with tradition of on-farm-research
- · Good long and intense workshops
- Regulary communication very necessary



#### Cross-cutting issues to be raised later: Recommendations to CORE-2

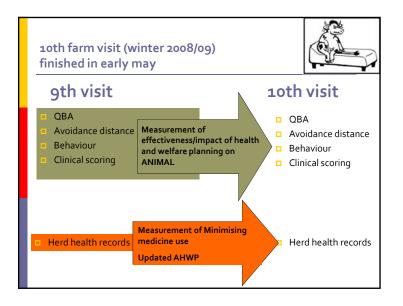
Emphasise the need to see projects as joint crossnational projects and with common interest:

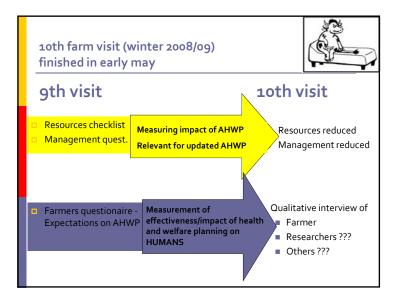
- Commitment of all countries to common decision made by the project review committee / how to deal with country-specific priorities and restrictions ?
- Sub-contract issues





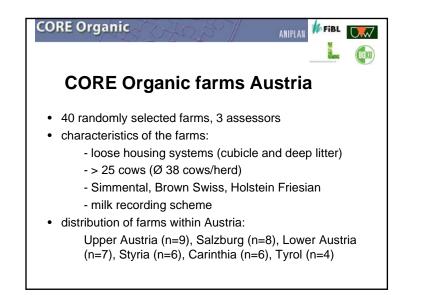
 CoreOrganic: Animal HEALTH and WELFARE plans
 aims of the german subproject:
 to integrate welfare-issues in the current Pilot-Study on herdhealth-plans
 to assess the efficiency of such animal-health-and-welfareplans (AHW plans) in 40 organic dairy herds (last farm visit in Winter 2008/2009)



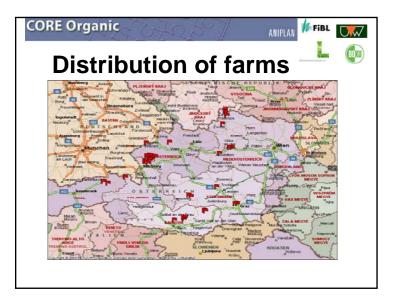


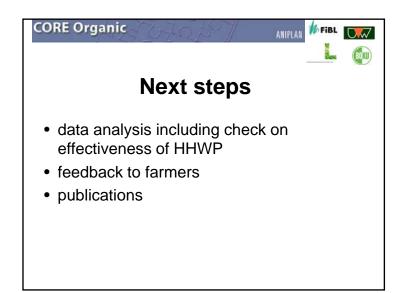


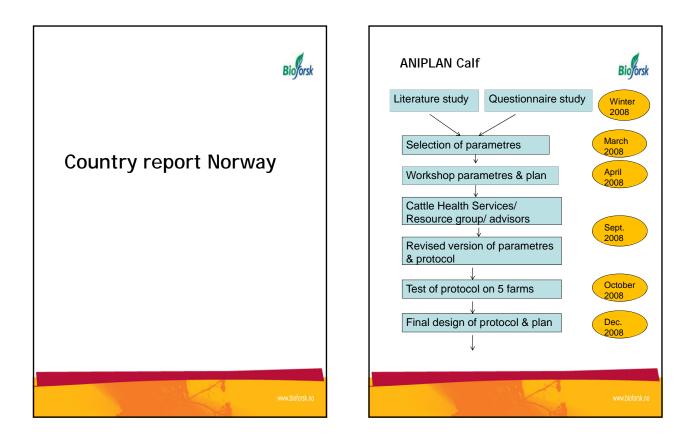


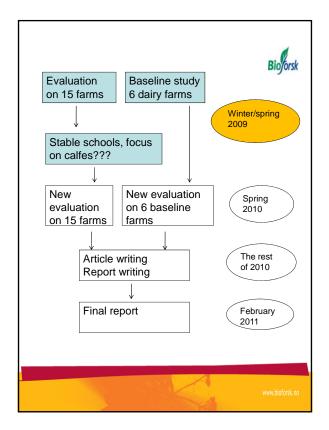






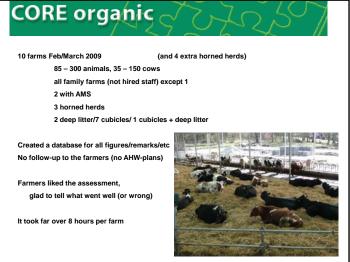














- Clinical scoring
  - # skin damages (0.5) horned cow 12.8, dehorned 3.5
  - Horned herds more hairless patches and lesions (hindquarter, shoulder, flank)
  - # skin damages horned herds in cubicles 17, deep litter 7.
- ADF
  - Up to 95% touchable cows
  - Horned cows no higher ADF then dehorned cows
  - Horned cows no higher ADF tr
- Social behavior
  - Big difference between horned and dehorned herds
    - In horned herds less physical contact
    - Cows move away before they are touched
  - Nearly no social licking





## CORE organic and in the meantime ...

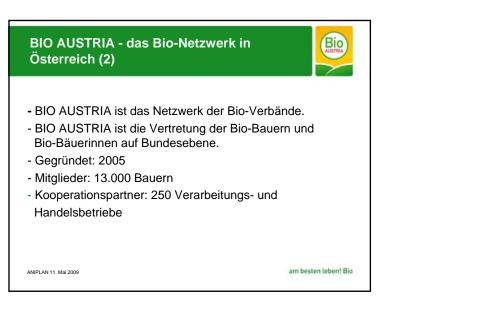
we go on with:

- Low concentrate feeding (15 farms)
- Drying off management (27 farms)
- Resistance (50 farms)
- Network group Antibiotic free farming (25 farmers)
- New: 2 network groups of farmers exchanging knowledge about herbs in relation to cow health.











ыо-в	eratu	ng in	Oste	io-Beratung in Österreich (1)						
	Bundes -weit	в	NÖ/ Wien	OÖ	Stmk	Ktn	Sbg	Tirol	Vbg	
LK		х	x	х	х		х	х	x	
BIO AUSTR IA	x	х	x	x	x		x			
Arge Huhn & Co				x						
Biozent rum K.						x				

Tiergesundheit in der österreichischen Landwirtschaft (1)

Bisherige Aktivitäten:

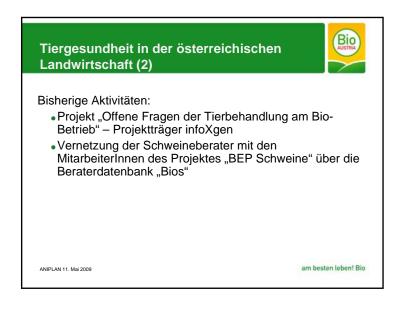
- •viele Bildungsangebote (Seminare, Praxistage in Ställen
- •kontinuierliche Information in der BIO AUSTRIA-Zeitung
- Status quo Analyse zur Tiergesundheit bei Bio-Mastschweinen an der Vet.med. Universität
- Qualifizierungsprojekt zur Erstellung von Beratungsbroschüren und begleitenden Seminaren
- Projekt "Wiederkäuergesundheit im Biolandbau" Projekt von BIO AUSTRIA und FiBL Österreich

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Bio

Bio-Beratung in Österreich (2)	Bio
Pflanzlicher Bereich Ackerbau, Grünlandwirtschaft, Kartoffelbau	
Gemüsebau, Wein- und Obstbau Tierischer Bereich	,
Rinder-, Schweine- und Geflügelhaltung Allroundberatung	
In Summe arbeiten 24 VZAK in der Bio-Ber österreichweit; 12,3 AK sind bei BIO AUSTF sind bei den Landwirtschaftskammern besc	RIA, 8,9 AK
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#### Tiergesundheit in der österreichischen Bio-Landwirtschaft (3)



Schwächen/Engpässe:

- in der österreichischen Bio-Beratung ist kein/e ausgebildete/r Tierarzt/-ärztin tätig
- Tierärzte sind teilweise noch immer wenig informiert über Bio-Tierhaltung, Richtlinien usw.
- Einzelbetriebliche Beratung im Bereich Tiergesundheit ist auf Projekte beschränkt => keine Kontinuität nach Projektende

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Erwartungen an ein Modell für Tiergesundheits- und Wohlbefindenspläne (1)



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- Tiergesundheitspläne sind ohne Status quo-Analyse, Tierbeobachtung und Dokumentation (Mehraufwand für Bauern) nicht umsetzbar – das sind Hindernisse in der Umsetzung in der Praxis
- Dokumentation auf wesentliche tierbezogene Parameter, die für Tiergesundheit wirksam und aussagekräftig sind, beschränken, um Akzeptanz bei Bauern zu erhöhen
- In der Laufzeit von Pilotprojekten Information (Zwischenberichte, usw.) von Beratung und Bauern und Meetings zur Umsetzung in der Nachprojektphase

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#### Tiergesundheit in der österreichischen Bio-Landwirtschaft (4)

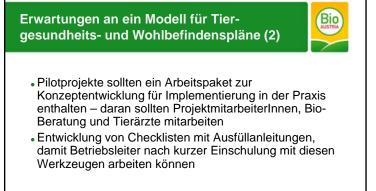


- interdisziplinäre Zusammenarbeit zwischen Bio-Beratung und Tierärzten ist personenbezogen, nicht strukturell verankert
- Bio-Bauern arbeiten noch zu wenig in der Gesundheitsvorsorge, im Gesundheitsmanagement; direkte Maßnahmen sind "greifbarer"
- Ergebnisse von Projekten werden zu wenig an die Praxis (Bauern und Beratung) transferiert

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Erwartungen an ein Modell für Tiergesundheits- und Wohlbefindenspläne (3)



 neben Pilotprojekten sollten Implementierungsprojekte gefördert werden – Struktur im Umsetzungsprojekt:

- Projektkoordinatoren
- Multiplikatoren (Bauern, Bio-Beratung, Tierärzte)
- Bauern

 Praxisorientierte Schulung der Multiplikatoren, die in der Umsetzung von Tiergesundheitsplänen tätig sind (z.B. in Arbeitsgruppen)

ANIPLAN	11. Mai 2009	
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Erwartungen an ein Modell für Tiergesundheits- und Wohlbefindenspläne (5)



 bei weiteren Meetings stellen die Betriebsleiter ihre Betriebsentwicklungspläne vor und diskutieren sie mit Berufskollegen – die Multiplikatoren moderieren die Gruppen und sind Bindeglied zu Bio-Beratung, Tierärzten und Projektkoordination

die Evaluierung der (kurzfristigen) Maßnahmen erfolgt in der Gruppe

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Erwartungen an ein Modell für Tiergesundheits- und Wohlbefindenspläne (4)

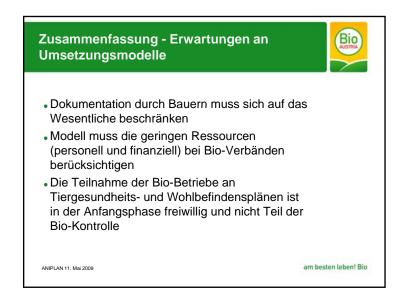


• Umsetzung von Tiergesundheitsplänen soll in Gruppen (8 -12 Teilnehmer) erfolgen, die über einen Zeitraum von ca. 2 Jahren laufen;

die Arbeitsgruppen werden von Multiplikatoren betreut – hier lernen die Betriebsleiter mit den Checklisten umzugehen, Tiere zu beobachten; sie setzen im Anschluss das Gelernte am eigenen Betrieb um und erstellen einen Maßnahmenplan zur Verbesserung der Tiergesundheit;

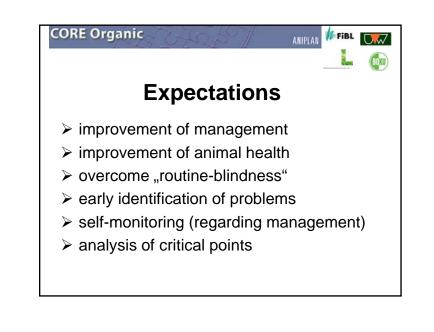
ANIPLAN 11, Mai 2009

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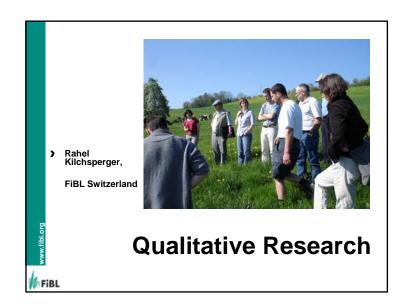






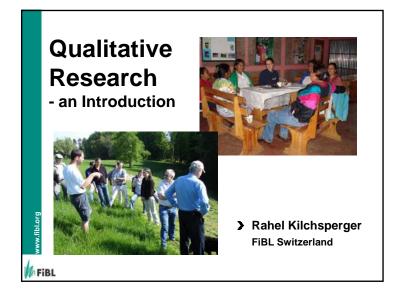


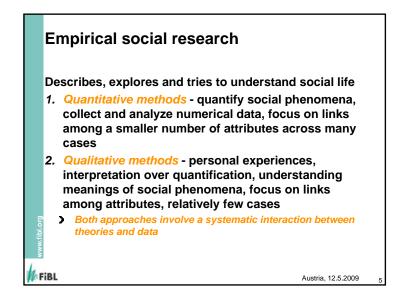


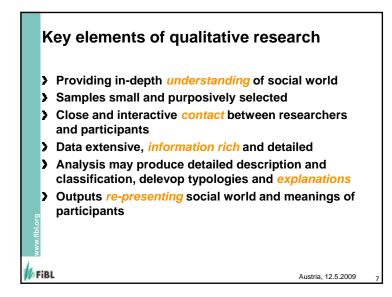


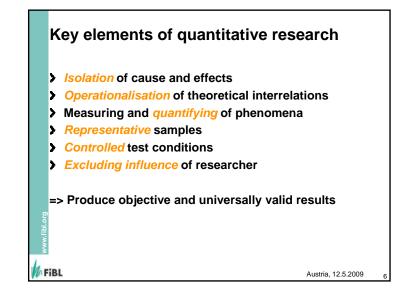
Г	Timetable	e
>	8:30	Qualitative research – an introduction
>	9:00	Discussion about main objectives and questions of this task in your project
	9:30	Possible methods for investigation of objectives with special focus on group discussions
l.org	10:00	Workshop – define research question and design topic guide
diì.www	12:00	Conclusion
h FiB	SL.	Austria, 12.5.2009

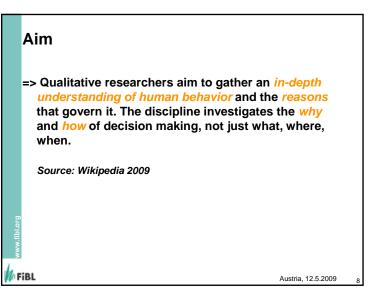








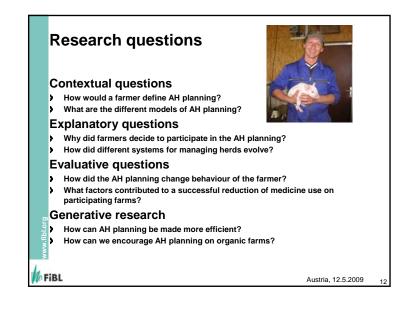




	Comparison	Source: Reuber & Paffenbach, 2005
	Quantitative methods	Qualitative methods
	Testing of a priori - Hypotheses	No a priori - Hypotheses but guiding research questions
	Representativeness through random and large samples	No representativeness in statistical sense. Particular cases captured in detail → Representation
	Suitable for investigation of hard facts that can be categorized	Suitable for investigation of individual cases and its particularities, detailed info about opinions, attitudes
20	"Schematization"	"Individualization"
	Analysis with normed mathematical-statistical tools	Analysis through interpretation and understanding, subjective influences possible

	Functions o	f qualitative research	
	> Contextual	Describing the form or nature of what exists <i>"unpack issues"</i>	
	Explanatory	Examining the reasons for, or associations between, what exists <i>"why phenomena occur"</i>	
	> Evaluative	Appraising the effectiveness of what exists	
www.fibl.org	<ul> <li>Generative</li> </ul>	Aiding the <i>development</i> of theories, strategies or actions	
the P	iBL	Austria, 12.5.2009	11





#### Example 1

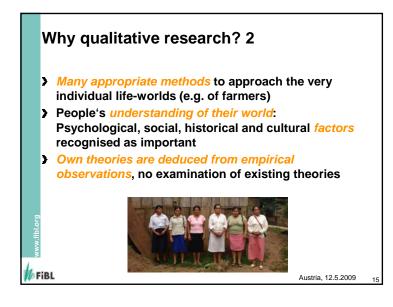
- "What are the principles of organic farming?"
- > Organic Revision Project
- Switzerland, 2004
- > Group discussions with farmers



IFOAM Principles of organic farming: The principle of health The principle of ecology The principle of fairness The principle of care

FiBL

Austria, 12.5.2009

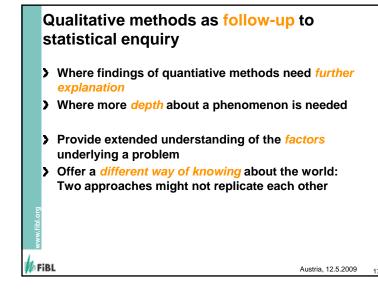


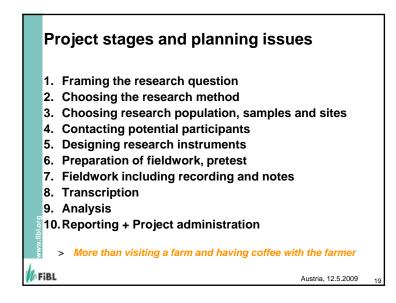
# Why qualitative research 1? Developed to overcome perceived limitations of quantiative methods used to study human behaviour Particularly well suited to explore complex issues and to study processes that occur over time Focus: Interrelatedness of different aspects of people's lives

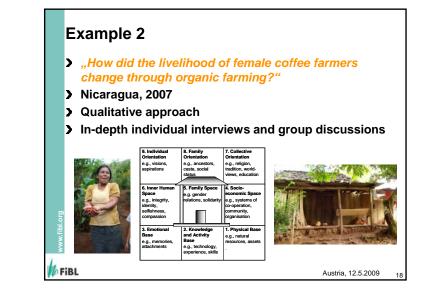
#### Combination of qualitative and quantitative methods

- Purpose is to yield different types of intelligence rather than simply to fuse the outputs
- Both together can offer a powerful resource to inform and illuminate policy and practice
  - > Qualitative methods to explore and understand...
  - > Quantiative methods to determine...





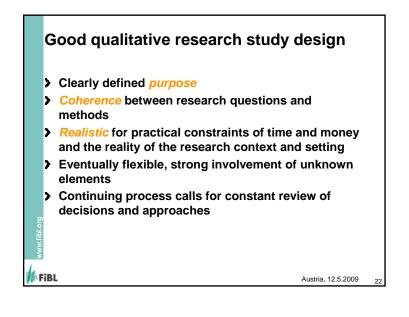


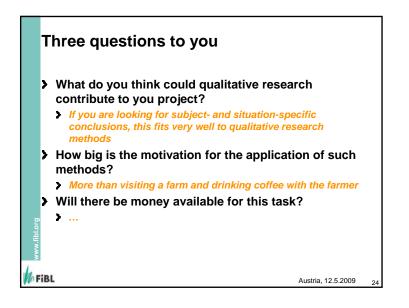




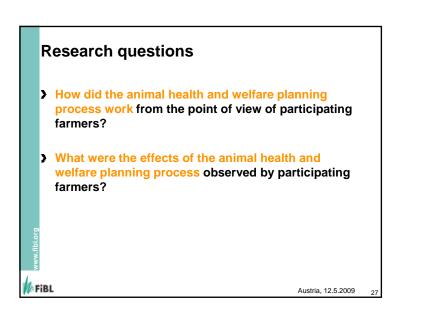
		Indiv.	G.D.
Research question, method	, samples	x	x
Contacting potential partici	pants	2 d	2 d
Designing research instrum	ents	5 d	5 d
Preparation of fieldwork, pro	etest, adjustments	3 d	3 d
Fieldwork including recordi	ng and notes	2-3 interviews per day	1 d
Transcription		1 interview per day	1 group discussion per day
Analysis		3 we	1 we
Reporting		1 we	1 we
Reporting		d = days, we	= weeks



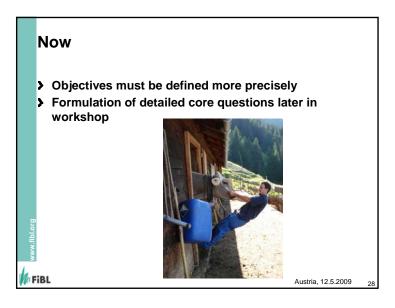








#### Objectives of qualitative research part > Silvia, Michael, Mette 1. "Evaluation of animal health and welfare planning on farms (how well did the process work?)" 2. "What were the effects of the animal health and welfare planning (acceptance and implementation of measures for better animal welfare and health)" Newsletter 1. to describe the farmers' perceptions of the animal health and welfare planning process 2. to describe the farmer's own process and view on the farm process (?) 3. capture the farmers view on farming (?) and the uptake of animal health and welfare planning Are they still valid? FiBL Austria, 12.5.2009



#### Research questions must be



Austria, 12.5.2009

- Relevant and useful
- Focused, but not too narrow
- > Of interest to the researchers
- > Clear, intelligible and unambiguous
- Capable of being researched through data collection, not too abstract Informed by and connected to existing research with the potential to make an original contribution
- > Feasible, given the resources available

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How can we encourage AH planning on organic farms?

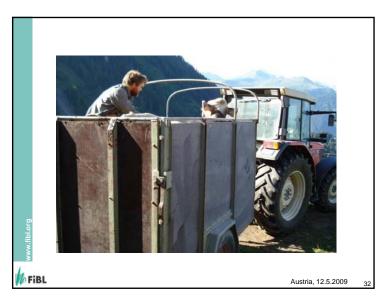
Austria, 12.5.2009

## Some examples What were the expectations of scientists and farmers towards the AH planning? Where do farmers see strengths and opportunities, threats and weaknesses of the AH planning? How did farmers experience the AH planning? What effects have been observed by scientists and farmers? Have there been any unintended effects? What are the requirements of farmers to implement AH planning successfully? Were there other factors that had an influence on the health of the animals in the respective period?

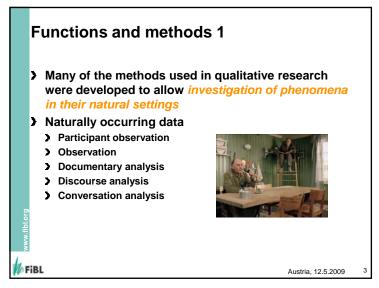
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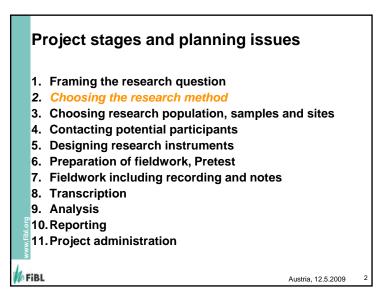


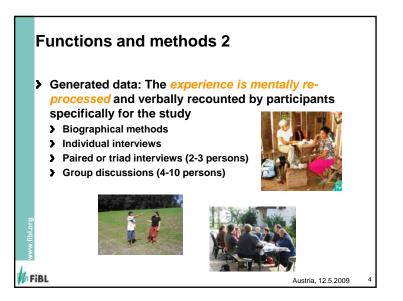
Austria, 12.5.2009

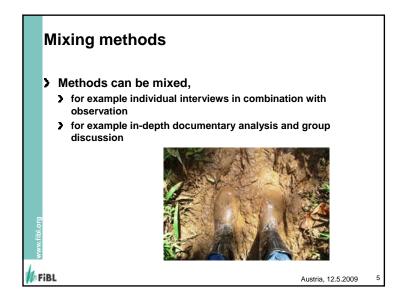


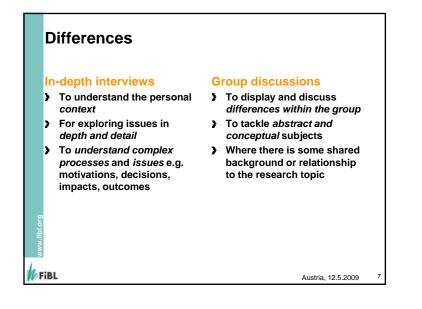


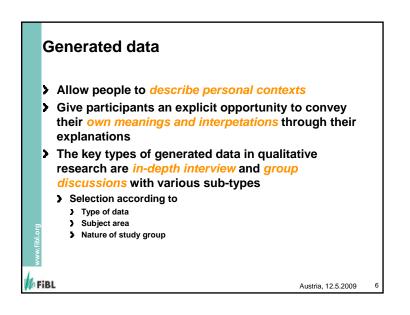






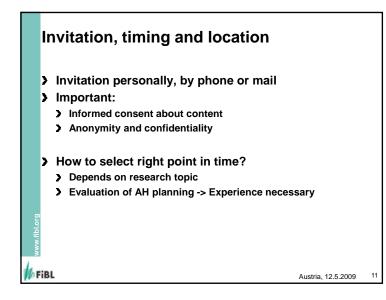


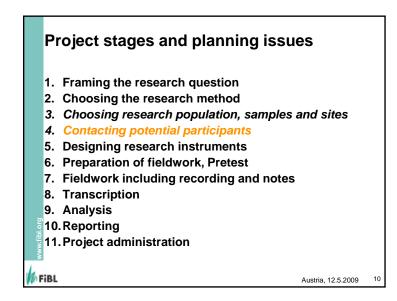


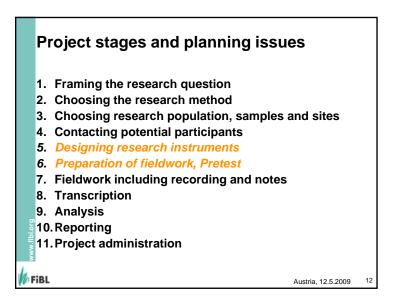


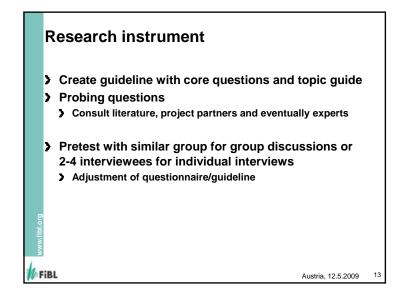
In-depth interviews	Group discussions	
Max. 2 hours	1-2 hours	
1-2 participants	4-10 participants	
Participant can choose date	Central location required	
and location Much raw data	<ul> <li>Gather much information in little time</li> </ul>	
<ul> <li>Very detailed data</li> </ul>	Less detailed data	
Much time for transcription	Less work for transcription	
and analysis	<ul> <li>Shy participants are not</li> </ul>	
Every participant can	heard	
contribute	Really important aspects and discussed intensively	
ww.fibi.c	Needs more moderation skills	
FiBI	Austria, 12,5,2009	

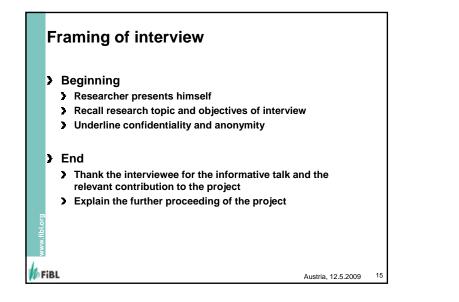
	Indiv.	G.D.
Research question, method, samples	x	x
Contacting potential participants	2 d	2 d
Designing research instruments	5 d	5 d
Preparation of fieldwork, pretest, adjustments	3 d	3 d
Fieldwork including recording and notes	2-3 interviews per day	1 d
Transcription	1 interview per day	1 group discussion per day
Analysis	3 we	1 we
Reporting	1 we	1 we
	d = days, we	= weeks
It's up to you to discu	uss and ch	loose











#### Stages of discussion in interviews and group discussions

#### 1. Introduction

- > Easy opening questions; more surface level
- Background and contextual information
- > Definitional questions

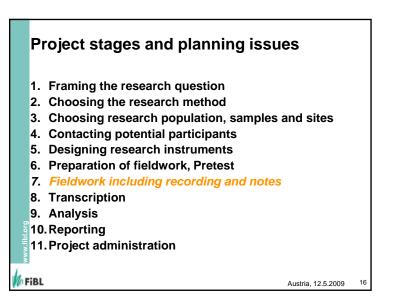
#### 2. Core part

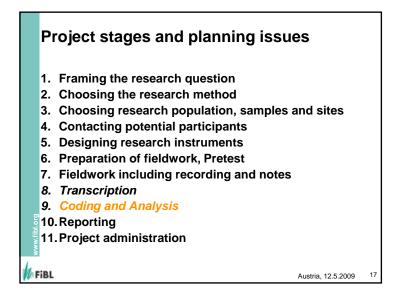
- Core part of interview or group discussion questioning and discussion is more in-depth
- Move from circumstantial to attitudinal/evaluative/explanatory questions
- Move from general to more specific
- Follow chronological order
- 3. Winding down

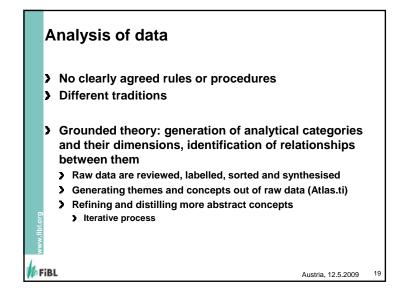
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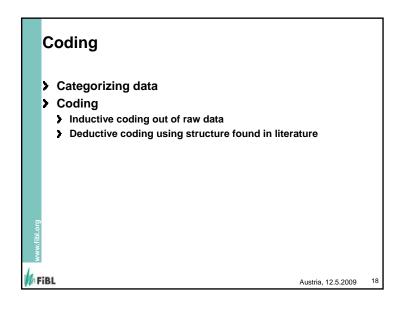
> Questions looking to the future, suggestions

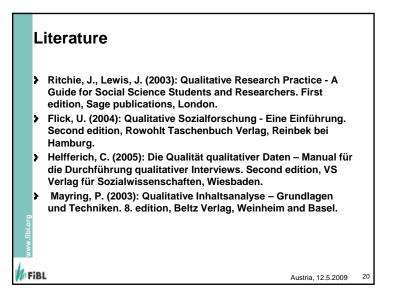
#### Austria, 12.5.2009



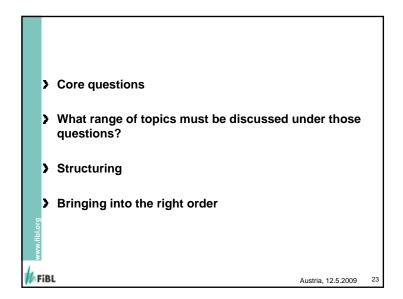


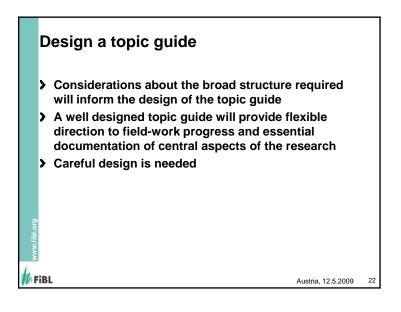


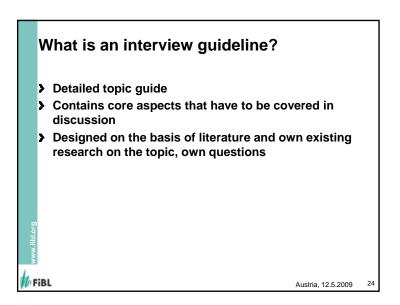


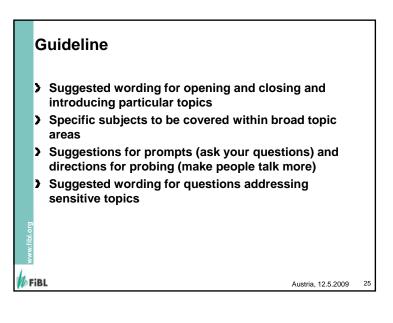


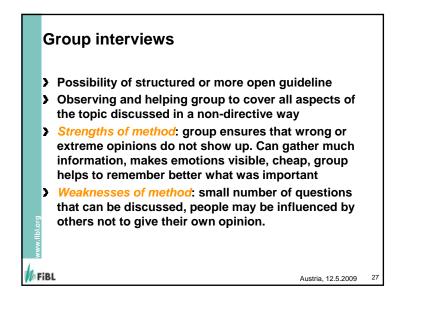




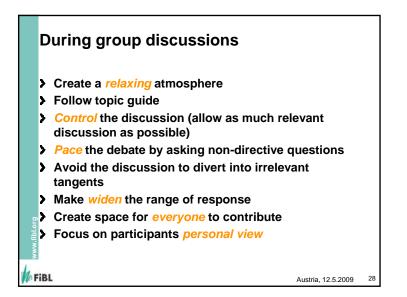


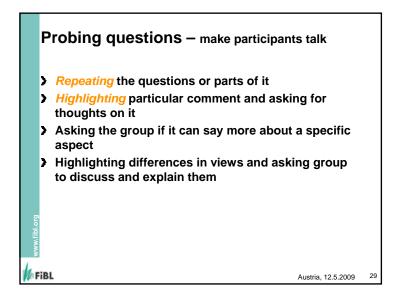






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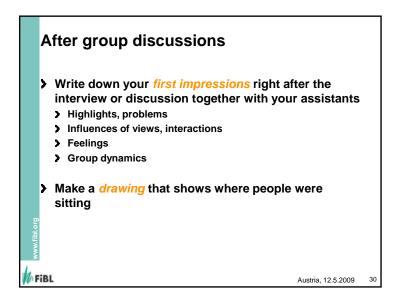


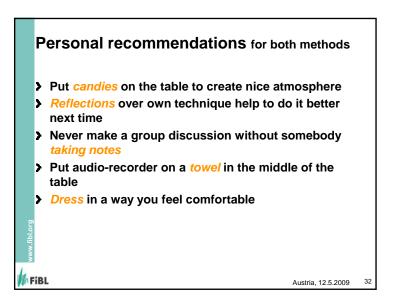
- > Dominant participants -> "let's hear some other opinions"
- Shy and anxious persons -> reassure that anything people say is useful

Austria, 12,5,2009

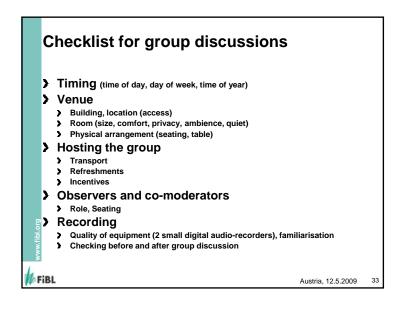
31

Simultaneous dialogue -> Stop participants talking over each other





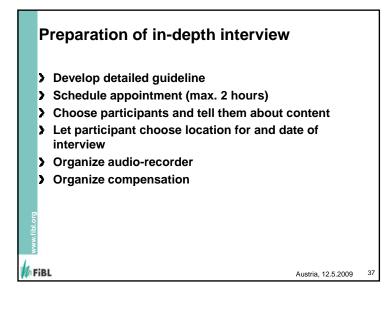
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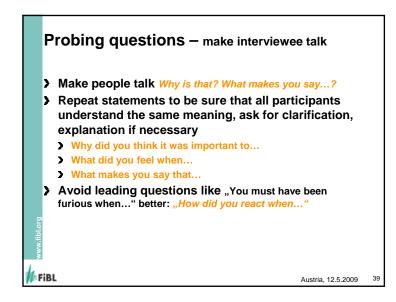


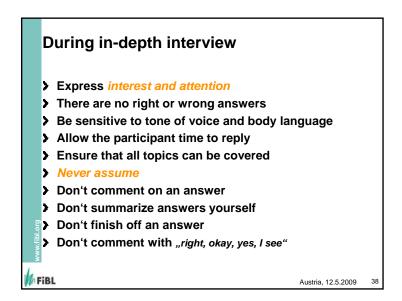


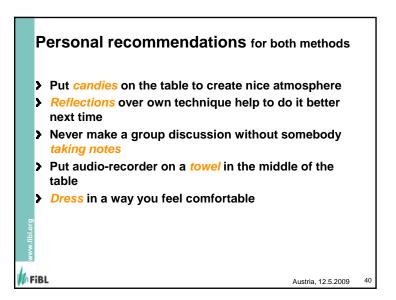


Proceeding		
<ul> <li>Audio-record the interview</li> <li>Avoid note-taking</li> <li>Ensure that both feel comfo</li> <li>Write down your impression</li> <li>Highlights</li> <li>Feelings</li> <li>Problems</li> </ul>		
www.fibi.org	Austria, 12.5.2009	36











## Quantitative analysis of health and welfare data in ANIPLAN project



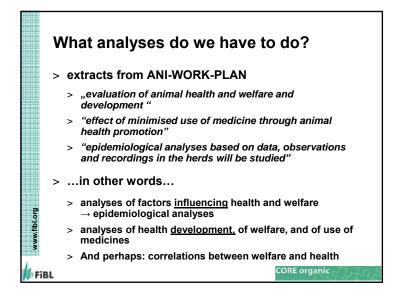
CORE organic

Silvia Ivemeyer Michael Walkenhorst

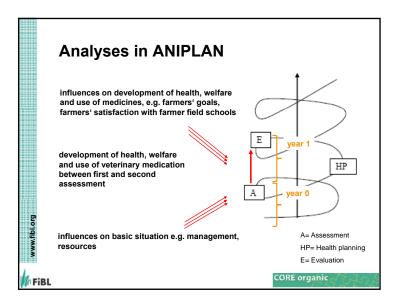
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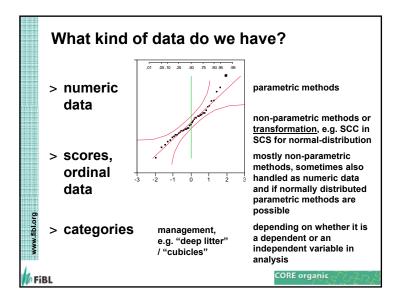
ANIPLAN project meeting

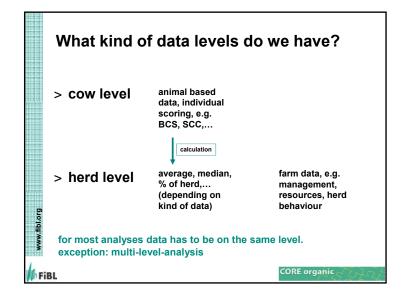
Reichenau, Austria, May 2009

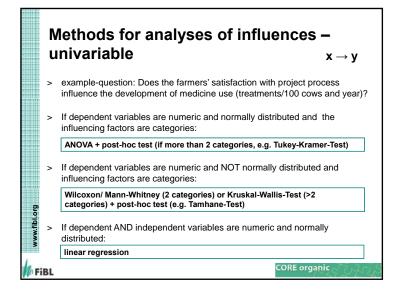


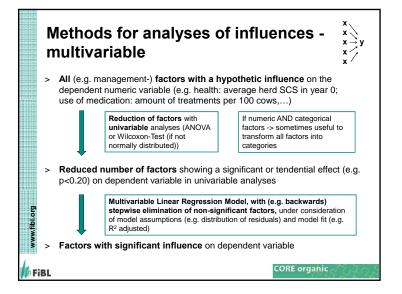
## Contents quantitative analyses in ANIPLAN and possible methods experiences from pro-Q project potential difficulties or challenges afterwards: discussion

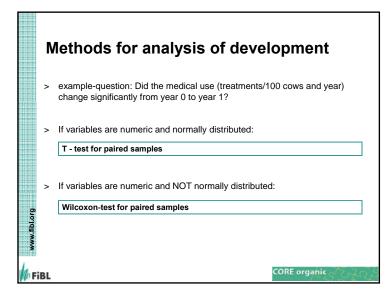


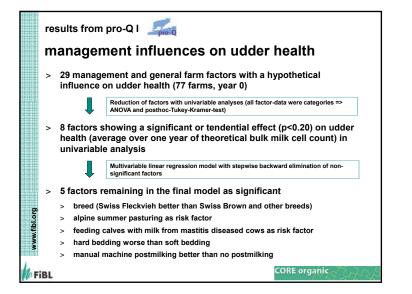




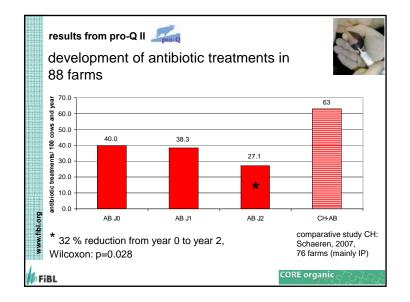


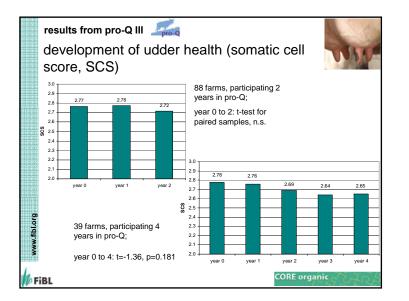


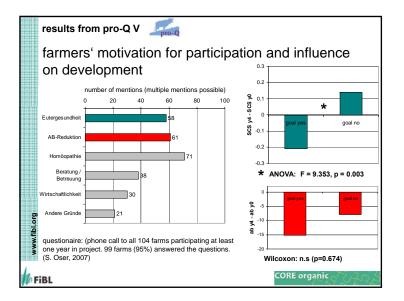


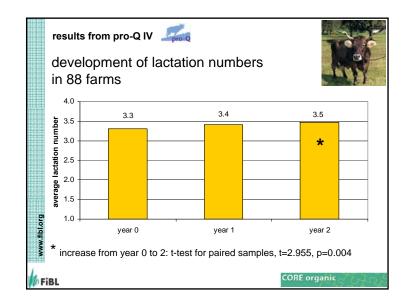


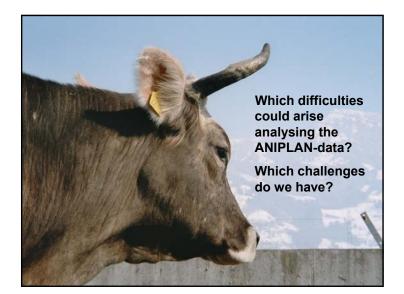












### national differences



- > differences in national milk recording data (e.g. in NL no urea records are done)
- > treatment data recording: do we have comparable data in all countries? same definition of "cases"?



### **Reasons of development**

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- > Although we can describe or count our advising or health planning on the farms, it is difficult to bring the intensity of the process into figures.
- > Due to the fact that the investigated farms are involved in different local research programmes a real comparison is questionable, because they have different advising histories and in some cases other interactions with the farms took place parallel to ANIPLAN project.

CORE organic ごろう

### project duration and possible changes

- > Will we see changes after one year? and if not, what is our interpretation?
- > We discussed this already and some countries will perhaps continue for a second year. Thus, in some countries it is possible to analyse longer developments.
- > What are the results of development in other comparable projects in the different countries? Are they also showing effects after more than 1 year?



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## A little definition problem in welfare assessment

> horned and dehorned cows show differences in their characteristic of agonistic behaviour, concerning the number of displacements with or without body touch





### Summary of results from the working group discussions - ANIPLAN Workshop Reichenau, Austria, May 11th-14th, 2009

### DATA ANALYSES AND RESPONSIBILITIES

Topic	Kind of data	Responsibilities	Work	Data 1. assessment due	Data 2. assessment due	Responsible for getting data
Development of health situation and	milk recording data, treatment data	S. Ivemeyer, M. Walkenhorst,	5	31st July 2009	1st June 2010	S. Ivemeyer
medicine use		G. Smolders				
Development of behaviour measures	social behaviour, herd scan, qualitative behaviour assessment, avoidance	C. Winckler, L. Whistance, E. Gratzer	3	31st July 2009	1st June 2010	E. Gratzer
Development of other animal-based parameters	distance, lying down individual scoring	C. Winckler, L. Whistance, E. Gratzer	3	31st July 2009	1st June 2010	E. Gratzer
Development of management and		C. Winckler, L. Whistance, E. Gratzer,	5	31st July 2009	1st June 2010	L. Whistance
resources		S. Ivemeyer, M. Walkenhorst				
Calves protocol		B. Hendriksen, C. Mejdell, B. Hansen	3	31st July 2009	1st June 2010	C. Mejdell
Content analysis of health planning process	database on farmers' plans and farmers' actions	J. Brinkmann, S. March, M. Vaarst, C. Leeb	4	1st June 2010		J. Brinkmann, S. March
Qualitative analyses						
"6 questions"		P. Nicholas, M. Vaarst	4	1st June 2010		P. Nicholas
Health planning process - interview of		M. Vaarst, S. Roderick	4		1	
facilitators		, ,				
Health planning process	planning advisories, farmers' plans and farmers' actions	M. Vaarst, S. Roderick, P. Nicholas	4	1st June 2010		
Concept paper		M. Vaarst, all partners	2			