

Aims

 To explore the range of attitudes towards farm animals and factory farming in Australia and to identify the factors that lead Australians to support or actively reject factory farming.

Attitudes 3 components: knowledge, underlying belief systems and 'willingness to act'

Objectives

Knowledge of impact of factory farming The relative relevance of these issues to the respondents Relevance of the concept of Affected Ignorance (Williams 2008) Behaviour change drivers and barriers

- Note:
- · Focus on chickens and pigs as representatives of the farm animal community

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Knowledge of impact of factory farming in the areas of :

Animal welfare, Environment, GHG/climate change (listed as separate item rather then integrated under the environment in general due to prevelance in pubic debate, policy making etc), Community Health, Social justice

Affected Ignorance

The dissonance between attitudes and actual behaviour is disconcerting.

A significant factor requiring further exploration is what Harper and Henson (2001, p.5) call the engagement of consumers in 'voluntary ignorance'.

Te Velde et al. (2002) refer to this phenomenon as 'functional ignorance' and 'collective non-responsibility' as a form of coping strategy.

In both cases, responsibility for animal welfare is abrogated and shifted onto others.

Williams (2008, pp.372-373) introduces the concept of 'affected ignorance' in which

(i) people refuse to acknowledge the connection between their actions and the consequent suffering of others,

- (ii) people ask not to be informed of the nature of the practices in question,
- (iii) some people manifest a readiness of not asking questions and/or

(iv), people uncritically accept what is customary.

Why focus on chickens and pigs

1. Dramatic increase in production and consumption, 2. convenience of availability of relevant data for Australia (Voiceless 2005, 2008).

95% of meat chickens and 95% of pigs for meat consumption are raised in factory farms.

Their production and consumption has increased dramatically in Australia.

Over the past 40 years: from 5.9kg per year to 36kg in 2007-2008

(the equivalent of 27 chickens) per person, an increase of approximately 600%

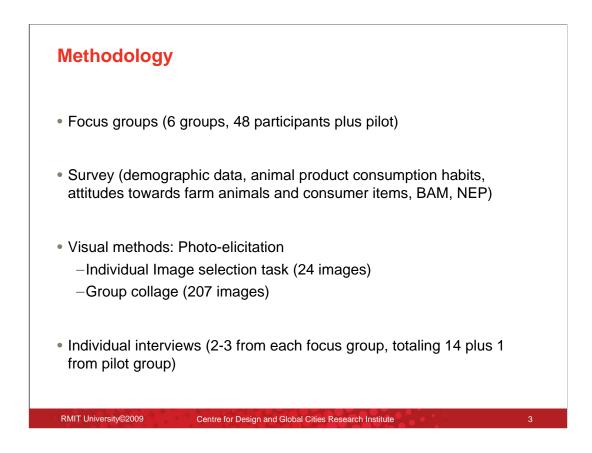
Over the past 50 years: the chicken meat production has increased from 3 million to 470 million chickens per year.

Both industries (meat chicken and pork) are highly concentrated, with 3% of piggeries being in the control of 54% of the total sow herd,

and only three companies supplying 80% of Australia's meat chickens (Voiceless 2008).

According to the ABS, there were 320,000 sows in Australia in 2004 (Brown 2008)

and according to a Voiceless report (2005), 200,000 breeding sows spend their lives in factory farms in Australia.



Importance of the visual:

Cognitive, kinaesthetic and emotional mode.

Help to express ideas, sort out, focus and find focus, 'what is important to me', express complex thoughts, create linkages, think in relationships, facilitation of 'networked thinking'.

The collage technique is incorporated here as an interaction between the individuals' different modalities – their verbalisations and visualisations of their thoughts. The engagement with the collage is expected to facilitate the process of bringing to awareness one's own mental models of the topic under investigation, of finding a position towards the topic, of clarifying one's feelings and notions towards it, and importantly, of supporting the participant as an active player in this process of uncovering mental models (Bergmann 2000).

Based on research in cognition and cognitive neuroscience (neuro-imaging and categorisation). Visual methods including the collage technique are extensively used in market research. Market research is strongly wedded to psychology. Researchers and practitioners using visual methods in market research draw on neuropsychology, cognitive neuroscience, cognitive theory, linguistics and related fields. A widely used method is ZMET, the Zaltman Metaphor Elicitation Technique, which also includes collages in the interview process (e.g. Christensen & Olson 2002). Zaltman (1997, pp.424-428), in his seminal paper on visual research methods, states that: 1. Thought is image-based, not word-based. 2. Most communication is non-verbal. 3. Metaphor is central to thought. 4. Metaphors are important in eliciting hidden knowledge. 5. Cognition is embodied (i.e. abstract thought represented in metaphors. 6. Emotion and reason are equally important and commingle in decision making. 7. Most thought, emotions, and learning occur without awareness, 8. Mental models guide the selection and processing of stimuli. 9. Different mental models may interact.



Selection of images for Image Selection Task 1/24

Photo-elicitation: Image Selection Task 1/24

Please select an image from the large image sheet that shows 24 images of chickens and pigs in different situations.

Please write below some 20-30 words about the significance of that particular image to you and why you have chosen that image.

Here a few questions if you would like some guidance, but feel free to express what is already on your mind first:

What does it express for you - what is significant about this image?

Does this image relate to farming of animals in Australia in general or to the individual animal in particular and in what way?

Is there anything else on your mind in relation to this image?

What is your interest in this research topic?



Participant ID 36 (female, Toogoolawah), from focus group transcript and task sheet, Image #9:

"I chose that one. This picture is of a sow with piglets in a furrow and pen. If we want to continue eating pork, pigs need to be raised. As far as I can see, this method of pig raising is very common in piggeries in Australia. The pig, while confined, is not noticeably uncomfortable, and will be released when her pigs are bigger. There has to be a balance between farming practices and economy, otherwise we'd all starve."

Image: Sow in Farrowing Crate, Copyright Animal Rights Advocates Inc



Participant ID 52 (male, Sydney), from focus group transcript, Image #9:

"I chose this one. I kind of thought it kind of captures everything that is wrong with factory farming for me, industrial farming. You know, obviously the pig is in too short of a space; too small of a space. The fact that it is tagged through its ear, it doesn't look unhappy in sort of Joel's terms but it kind of looks like it is out of it, I don't know, kind of doped out or just laying there pointlessly. And then also I kind of found how the other little pigs are desperate to try and get the milk and how they have been separated from their mum. Not that I am feeling maternal or anything, but it's just a kind of thought and the sad thing about that is that there is an irony, in that that's their future and so it's kind of like she is passing on the milk.

... it's a claustrophobic photo, the fact that there is separation between the generations of animals. The fact that the animal **almost has no expression on her face**. It just kind of, yeah I mean I have no personal problem with people eating meat, like I think. But when I see that image, I think that everybody that eats meat from a factory farm should know that that's what it looks like. And so you know, on the side of cigarette packets you see the lungs. I think it would be nice to see on like the side of shoes, it would be nice to see kids in sweat shops or pigs on the side of your bacon, rather than have a happy looking pig, just to see that image. So that's what when I saw it, I mean, yeah."

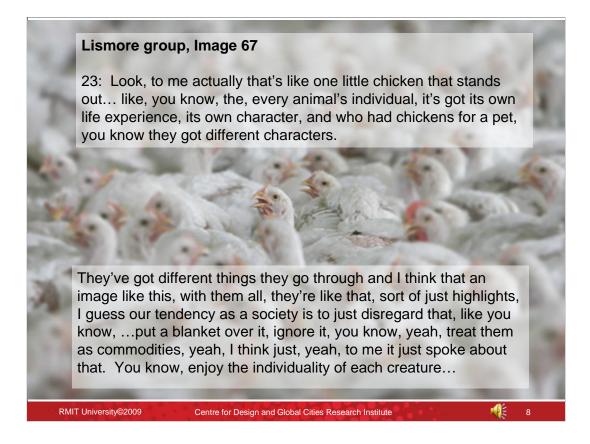
Image: Sow in Farrowing Crate, Copyright Animal Rights Advocates Inc



Participant ID 49 (female, Sydney), from focus group transcript, Image #67:

"And the reason was because I have seen pictures in the media of, you know the ones that some of us picked earlier with the chickens in the cage and the pigs in the cage and I have never seen this sort of image before. And really, you know it's just so tightly packed and it actually reminds me of a butcher shop and so it looks like a butcher shop where all the meat is piled together, except they are still alive, which I think is quite sad; that's the main reason that I chose it."

Image: CIWF Photo competition: "Chickens", Copyright Compassion in World Farming/ Martin Usborne

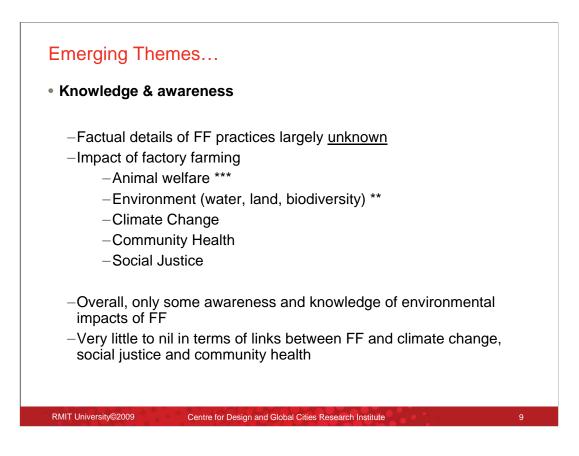


Participant ID 23 (female, Lismore), from focus group transcript, Image #67:

"Look, to me actually that's like one little chicken that stands out... like, you know, the, every animal's individual, it's got its own life experience, its own character, and who had chickens for a pet, you know they got different characters.

They've got different things they go through and I think that an image like this, with them all, they're like that, sort of just highlights, I guess our tendency as a society is to just disregard that, like you know, ...put a blanket over it, ignore it, you know, yeah, treat them as commodities, yeah, I think just, yeah, to me it just spoke about that. You know, enjoy the individuality of each creature..."

Image: CIWF Photo competition: "Chickens", Copyright Compassion in World Farming/ Martin Usborne



Factual details of FF practices unknown

Animal Welfare impacts come to mind first, but the details of FF practices are largely unknown.

Most unaware of environmental, climate change impacts

Most unaware standards & regulations exist, illustrated by images

Aware widespread ignorance a problem

Acknowledge info & knowledge in consumer decisions; but can still 'switch off' (i.e. affected ignorance)

Overall, rejection of FF practices; however still believe it's necessary to feed large populations

Knowledge & awareness

- Participants are quite unaware of facts about FF practices, even amongst those with some awareness generally and who had an impetus for change

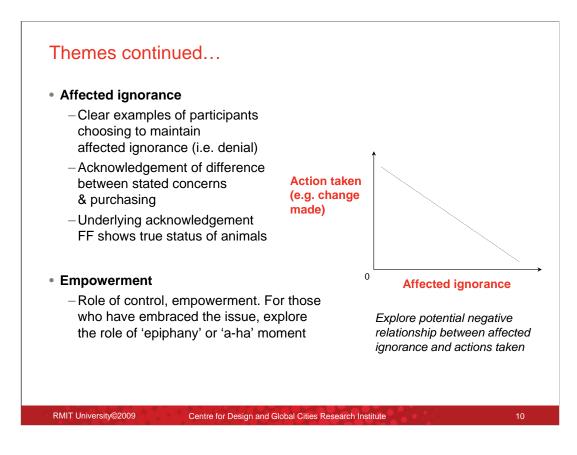
- Most were unaware of the environmental impacts or made a connection to climate change.

- Many unaware standards & regulations exist and that the images shown reflect these. Some shocked by this – believed such practices would be illegal.

- Awareness of majority that ignorance of how pork, chicken, eggs produced is a problem. Believe there is a need for education en masse

- Acknowledge role of information and knowledge in consumer decision making but believe consumers can still 'switch off' at purchase point (affected ignorance).

- Although majority condemn FF methods still believe to have to accept some level of FF in order to maintain low cost food for large populations – even used social justice and concepts of food security (not in those terms specifically) to justify need for it.



Affected ignorance

-When made conscious of the status and treatment of animals, some participants were visibly uncomfortable, even denying what they saw – 'this is not in Australia' or 'this is just a few bad farms', "a few bad apples".

- Yet others were inspired to make changes in consumption habits and even awareness raising of the issues amongst friends and family.

- Substantial evidence of participants not knowing details of FF practices, lack of knowledge and lack of initiative (until the focus group event) to find out and act on.

- However, consumer ignorance of reality recognised as an issue. Concern about disconnection from nature, environment and reality of meat production.

-GRAPH

- We propose that there may be a negative relationship between affected ignorance and actions taken against FF or meat consumption and also the possible relationship between action taken and empowerment.

Empowerment

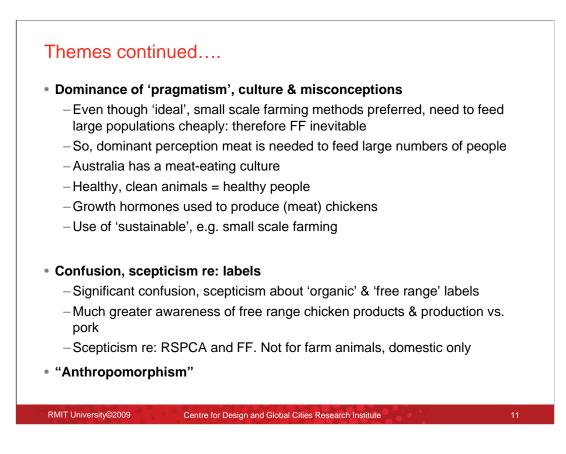
-What is the role of empowerment? Is there a pattern to show that those who embrace the issue and make a change feel absolved of guilt? Feel empowered?

Example of denial:

- 36: And you maintain this happens in Australia now, as badly as that?
- I: Yes.
- 36: I thought they were improving it.
- I: No they're not. Not yet.
- 36: Definitely.
- I: No.
- 36: Well they've got those project farms going and things like that. I mean they

are, some of those figures I was reading today, they're definitely working -

(This particular participant, however, changed her mind later on "I have made up my mind, I don't like factory farming.")



Dominance of pragmatism

- Dominance of pragmatism – even though ideal farming methods preferred, resignation to idea that need to feed large population cheaply, therefore the belief that some is FF inevitable. And if it means animal suffering to a degree, so be it!

- Perception that meat is needed to feed large numbers of people. Some believed don't have enough land to grow vegetables for entire vegetarian population. Hint of panic that wouldn't be enough food (basic survival need). Others, being veg is 'impossible' too hard. Opposite view that huge amounts of land used to feed meat production animals – could be used to feed people instead. Generally lack of awareness of this fact.

- Varying opinions as to whether meat eating was necessary – some yes, needed for health, others no, yet others believe it is personal choice. But widespread belief Australia has a meat-eating culture. Reasons mentioned include due to availability, convenience and/or culture. Mention of habits, as has come up in other presentations at this conference.

-Healthy animals = healthy people. Human ideas about hygiene applied to FF conditions. Confined FF conditions that look clean are preferred to those that are not. To some degree, a certain level of crowding was acceptable for many, as long as it looked clean.

Misconceptions

- Widespread misconception growth hormones used to produce (meat) chickens.

- Use of the term 'sustainable' – for e.g. used when referring to images of small scale farming, 'not sustainable' – not able to provide for large populations, again pragmatism. Interesting use of word... considered to be too ideal perhaps? The desired, natural often seen as unattainable, unrealistic, a fantasy and maybe implied therefore not worthwhile pursuing.

Confusion and scepticism

- Free range more so than organic. Some cynicism that confusion and ignorance are deliberately maintained by industry and their supporters.

- In general much greater knowledge of chicken production methods than compared to pork. Only in terms of its existence, not as to the details and facts of what is actually happening.

- Despite awareness of issues many still buy cheaper FF products, particularly eggs.

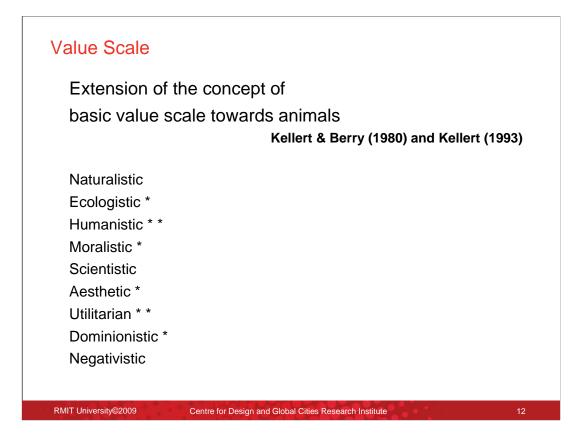
-Scepticism about RSPCA not having enough powers, ineffective for farmed animals. Allied with Pace farms to produce barn laid eggs, but Pace are biggest producer of FF eggs in Australia – perceived as hypocritical.

Anthropomorphism

- Strong emotional response to imagery – power of the images

- Some participants were, others were not self-conscious in being anthropomorphic when discussing how animals treated in the images. (Need to address conceptualisation of 'anthropomorphism' in the general population based on research into animal cognition, emotion, consciousness and philosophy.)

- Empathy, morality 'not right': In fact, human ideas of suffering used as the standard for what's considered 'right' by nearly all participants. Used as moral compass. Morality generally played large role in participant's responses. But they were compromised by sense of pragmatism, discussed shortly.



Most evidence for: Humanistic and Utilitarian Views

Some evidence for:

Naturalistic, Moralistic, Aesthetic (= Appreciation) and Dominionistic Views

More detail on page attached to pdf version of this Powerpoint file, taken from Mazur, N., Maller, C. J., Aslin, H. and Kancans, R. (2006)



Future scenarios

- Participants believe a groundswell of opposition to FF is needed to bring about widespread change.

- Frequent mention of social marketing anti-smoking campaigns. Some suggested using images of FF animals on animal products.

- Critical of impact of shock – short term only. From own experience has an immediate effect, then go back to previous consumption habits. Movie 'Babe' used as an example where pork consumption in US dropped dramatically after movie release but then resumed normal levels some months later.

- Believed that you can never stop entire human population eating meat. But can change consumption habits. Many participants had made changes, buying organic or free range animal products when they could, eating less meat was quite common, some had become vegetarian. Others had plans to grow their own chicken/eggs.

- Optimism – believe change will come but slow, over time. Historical examples given, e.g. abolition of slavery.

- See role of government as important. To improve standards and implement regulations for industry

- One possible solution - increase welfare, increase price, reduce consumption.

- Recognition that need to change what's considered normal – both FF methods and in consumption choices. Despite concern, recognition that practices/daily routines dominate – i.e. those around consumption.

Lead-over to photo-elicitation task



- Participant ID 28 (female, Brisbane), from focus group transcript, Brisbane collage group 1, 0:18:20
- "Okay. Alright. Well, we voted into 4 categories. The idealistic [Column 1] is what we would have hoped to have happen and what everybody would like to think is what happens but the reality is probably looking at combination of the 2 central rows which is one was good practice where the animals still have a degree of freedom of protection [Column 2] as opposed to what's totally unacceptable [Column 3] which does happen quite regularly where the animals are seen totally as products and it's just greed as far as people are concerned to get most out of the animals before they die and give up, killed off or what ever and the last set of photos [Column 4] targeted were just the end product of the usage where for example the delegate estimate was felt that they perhaps were more likely to have good practice as something as a purchase of ripped bull products similar with markets as opposed to supermarkets although supermarkets do have labelling of their eggs that talk in terms of RSPCA certified or something similar, some of them out there say free range. So they were the 4 main categories."
- NOTE: Columns 2 and 3 'degree of freedom and protection' versus 'what is totally unacceptable'

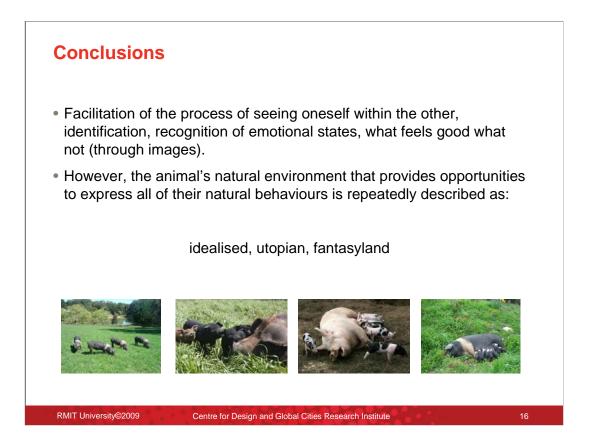
Photo-elicitation task attached to pdf version of this Powerpoint file



Participant ID 40 (male, Bendigo), from focus group transcript, Bendigo collage group 2, near the end of the transcript

"Our future vision...well it's more of a dream, fantasy. It's to have all of the good stuff, to have the free range, to have your options. Well actually, not to have options because we want it all to be free range. We don't, we want stricter laws, stricter regulations on farming and marketing. More community education. Local producers given more support, given priority over the larger businesses, and protection from the monopolies. More responsible labelling and advertising. Even less meat consumption as a nation, or as a global community. And yeah, more humane and respectful farming techniques. And that's about it. [applause]"

This one maybe to conclude the presentation with a positive outlook, but a caveat presented beforehand (reminder of the swaying back to pragmatic at the expense of ethics and animal welfare let alone rights that is not reflected here)



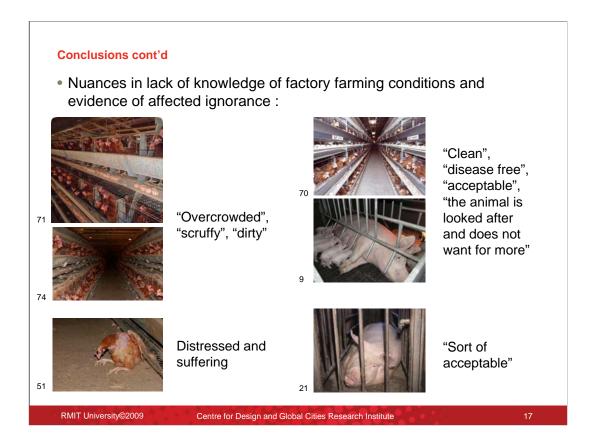
"...it was more personified and it just looked really sad; a very sad little pig..." (Image 7 not depicted above)

"Chicken en mass, appear uncomfortable, unclean, not normal for animals, stressed animals. Mass/mass/mass. Could be us.... It represents how we might end up, mass everything, I don't know. That's all I can say I think." (Image 67 not depicted above)

"Happy; it has a grin..."

"I chose this one basically because of the expression on the sow's face there. It looks like she's smiling, she looks so happy, yeah."

"We do not live in ideal environments either. We would al like to have nice schools where all the kids can roam free and yet we end up in schools that [53:38] so if you look at our society the way it is we need to make compromises and that is I think why we should look for good practice in our factory farming."



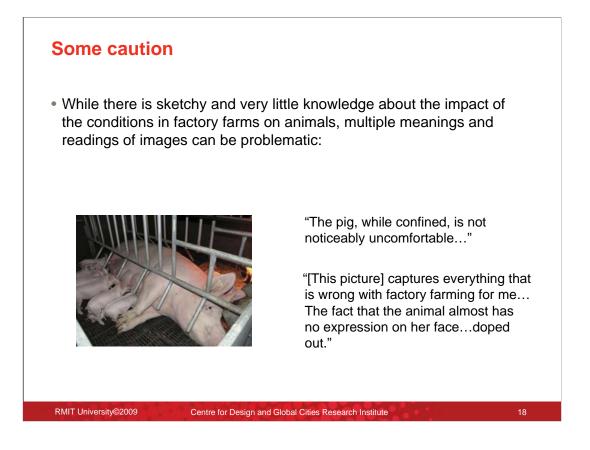
Note the impact of the aesthetic of the image such as the role of light.

36: The pig, while confined, is not noticeably uncomfortable... (Image 9)

52: [This picture, Image 9] captures everything that is wrong with factory farming for me... The fact that the animal almost has no expression on her face.

53: Yeah. Oh I can't stand these places, I really think they are terrible. They make me want to cry. I buy free range eggs on principle, I never buy the others. I look at all of them there and I know they are dearer and most people, a lot of people do buy the cheaper ones, the ones from the...

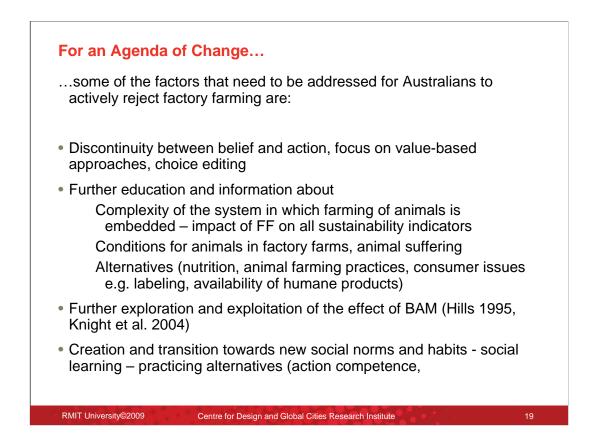
50: Nine is acceptable, you know, that's the one with the pigs suckling on the mother. They, you know, it's factory farming, but there is some kind of acceptable standard to that. There is a look of contentment in the animals despite the fact that they are tightly housed and 21 is sort of acceptable, despite the fact, well sort of because the bars are disturbing, but the pig doesn't look stressed. But the poultry; the intense poultry ones start to turn towards unacceptable because all the things are starting to look worse and worse and more stressed. And then the individual animals like 51, is clearly distressing sort of thing of an animal that is suffering, so that's the range.



Desensitisation factor - commented on multiple times by the participants

e.g. focus group in Sydney:

49: And the reason was because I have seen pictures in the media of, you know the ones that some of us picked earlier with the chickens in the cage and the pigs in the cage and I have never seen this sort of image before. And really, you know it's just so tightly packed and it actually reminds me of a butcher shop and so it looks like a butcher shop where all the meat is piled together, except they are still alive, which I think is quite sad; that's the main reason that I chose it."



Caution: Trust in increase in the public's interest in and belief of the importance of animal welfare.

Lock desired visions in through choice editing.

Sustainability indicators: Impact on animal welfare/rights, the environment, GHG/climate change, community health, social justice

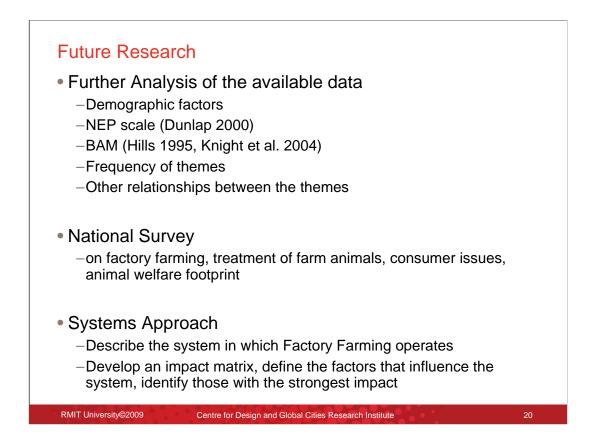
Notion of intrinsic value, rights to healthy (holistic sense) body and mind (issue of genetic manipulation and breeding).

BAM = Belief in Animal Mind.

Social learning as a strategy.

Collages and comments above demonstrate the critical factors. Claim that photoelicitation has facilitated to uncover the nuances.

Importance of personal experience with animals.



NEP = New Ecological Paradigm

BAM = Belief in Animal Mind



Dr Natalia Radywyl, research assistant and moderator for the focus group in Melbourne and Sydney

Katelyn Samson, moderator for the pilot in Melbourne and the focus group in Lismore

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What Factors lead Australians to support or actively reject Factory Farming?

Presentation at Minding Animals Conference in Newcastle, Australia, 2009

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Handout for Research Participants

What Factors lead Australians to support or actively reject Factory Farming?

Image Task: Collage

- 1. Split into 2 groups.
- 2. A volunteer to act as **Scribe** for each group (to take notes and report back).
- 3. Each member of your group, please select 1-4 images from the set of 207 images in the box about the following topic:

Images that represent your ideas and feelings about the farming of pigs and chickens in Australia. Include any issues that come to your mind surrounding animal farming and farm animals in Australia.

- 4. One by one, place your selection of images on the mounting sheet, table or wall and explain to the other members of your group:
 - How each image relates to your ideas and feelings about farming animals in Australia
 - How each image relates to the other images already placed

Scribes to record the conversation below and overleaf as detailed as possible.

5. Discuss in your group categories for the selected images. Group the images according to these categories. Explain how the categories relate to each other. Fix the images with magic tape.

Scribes to record the conversation as detailed as possible.

6. Discuss what future do you envisage (for farm animals, farming of animals, and factory farming in Australia)

Scribes to record the conversation below and overleaf as detailed as possible.

7. Scribes to report back to the whole group.



