Broad principles of sustainability	BIG ISSUES	GAPS IN KNOWLEDGE	INSTITUTIONAL GAPS	WHERE SHOULD THE AGENDA FOCUS?
Increase efficiency	How to move up with the bottom half within a sector - where there is most need. Lack of policies Identification of successful programs HOW TO INCREASE EFF. WITH NOT INCREASING NRU The definition of efficiency – different paradigms of what this means Uptake of existing technology varies. Pastoralism are recognized are the most inefficient and forced to adopt tech Losing resilience	Enough tech. available Why are they not using this? How to convince people. Economic benefits Education has to change How to apply what it being researched To do pilots programs in regions To ask what small holders want To know our own potentialities To improve local context to apply tech How to evaluate livestock production systems economic potentialities Understanding eff. Along the value chain and prod,.. Systems	How to finance this adoption of tech. International vision versus local vision To share knowledge Respecting local diversity Lack of planning in production Polititat coherence btw institutions Lack of financial schemes Political coherence btw governmental stakeholders	Education, communication, financial schemes Bring on board value chain – retailers To integrate all aspects which are currently fragmented Policy human development To break the paradigm of lvstck and tress/shrubs **Shwing difderent asperct of lvstock sustainability inc. social aspects** **showing more outside work econimics and social aspects** **Communication** **Bring other stakeholders on the table retailers processors** **Other initiatives (sust. Round tables)** **Promote local processes to focalize financial resources to help to dynamic local processes** **Local networks to exchange inform.** **To promote successful pilots recognizing local applicability** **How those pilots can increase efficiency…contextuialising local features** **Generate tools and models for benchmarking and modeling the change in efficnecy**

Efficiency

Issues

Focusing where the need is greatest – the bottom half of productivity (in whichever sector)

Solutions exist – implementation gaps

Defining efficiency – different views

Focus on what farmers want (and local solutions)

Gaps

Knowledge transfer and behaviour change - adoption

Knowledge of solutions that work in local context

Evaluation and benchmarking tools – across integrated sustainability

Understanding efficiency along the value chain

Enhance livelihoods and human well-being

Issues

No clear connection between sustainability and wellbeing

Integrating livelihoods and other sustainability issues – recognize local context eg biodiversity

Access to resources

Access to markets

Gaps

Holistic analysis integrating sustainability aspects

Protect natural resources

Issues

Lack of explicit economic value of natural resources.

Who is going to pay for this and how much we should pay for

Land use to produce and to protect

Access to land and water

Gaps

How to measure the value of natural resources (standardization, and how to approach)

Resilience

Issues

Resilience of supply chain as a whole system

To identify the boundaries of the production systems

Access to financial schemes

Application to small farmers and pastoralists

Gaps

How to measure resilience?

Improve governance

Issues

Improve governance of stakeholders

Participatory strategic alliances

Improved recognition of policies and their applicability needed

Global issues and global decisions – but need to be implemented by local governments

Gaps

Key themes

Integrated approach to sustainability needed – links between different aspects need to be clear

Engage stakeholders throughout the value chain

Evidence gaps – and local knowledge and tailoring solutions

Knowing the value of resources and willingness of society to pay

Quality of evidence and results for decision making

Need for integrated assessment tools and benchmarking

Supported by coherent policy and funding

Potential for partnerships and synergies

Tools and solutions – dissemination

Communications – to end users