

# GLOBAL AGENDA OF ACTION IN SUPPORT OF SUSTAINABLE LIVESTOCK SECTOR DEVELOPMENT

24-27 APRIL 2012 >> SEOUL NATIONAL UNIVERSITY, SOUTH KOREA



**CONSULTATION ON FOCUS AREA NUMBER 3:  
REDUCED DISCHARGE - TOWARDS FULL RECOVERY OF  
NUTRIENT AND ENERGY FROM ANIMAL MANURE**

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## BACKGROUND

The Agenda of Action is built on the notion that demand growth for livestock products will likely continue for decades to come as incomes and human populations continue to grow. Such demand growth will need to be accommodated within the context of a finite and sometimes dwindling natural resource base, and will be faced with the need to respond to climate change, both adapting and mitigating. Growth also represents an opportunity for social and economic development that many developing and middle income countries would not want to miss. Livestock also provide numerous opportunities for enhanced food security and livelihood support that need to be taken advantage of.

Comprehensive and urgent action is required to enable the livestock sector to meet a variety of economic, social, environmental and health objectives and embark to develop a Global Agenda of Action in support of sustainable livestock sector development. Such a Global Agenda of Action will address the natural resource challenges of the global livestock sector and aim at improving natural resource use efficiency. Land, water and nutrients will be the initial primary focus.

Stakeholders of the Agenda agreed on natural resource use efficiency in the livestock sector, covering entire commodity chains, as the thematic focus of the agenda. Initially, the Agenda will be concerned with three focus areas, namely "closing the efficiency gap", "restoring value to grassland", and "towards zero discharge".

More background information can be accessed at: <http://www.livestockdialogue.org/>

### Workshop Objective:

To develop a work programme for the Focus Area "Towards Zero Discharge" for the Sustainable Livestock Agenda, including:

- > To identify targets in terms of production systems, commodities, regions, socio-economic context;
- > To identify gaps in knowledge and capacities and way of addressing these;
- > To identify comparative advantage and added value of the Agenda of Action ;
- > To identify priorities themes and themes for targets;
- > To broaden the Agenda's basis of involvement and identify additional partners for this area;
- > To review the outputs from previous meetings and carry on the design of an Action Programme.

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### > 18.30 Welcome by hosts and sponsors

Welcome Address: Han Jae-yong, Seoul National University - SNU

Welcome Address: Niek Schelling, Ministry of Economic Affairs, Agriculture and Innovation, The Netherlands

Welcome Reception

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### > 8:30-9:00 Opening ceremony Master of Ceremony: Niek Schelling, The Netherlands

Opening Address Ha Jong-kyu, SNU

Opening Address Yoo, Yeon-chul (Ministry of Environment, Republic of Korea)

Opening Address Gert Stiekema (Agricultural Counsellor of the Royal Netherlands Embassy in the Republic of Korea)

### > 9:00-10:00 Seminar on "Livestock and Green Growth"

Chair: Lee Mooha, SNU

Introduction of participants

Introduction to the Green Growth Programme of ROK, overall concept – Lee Joo Setup – Global Green Growth Institute

The place of livestock in the Green Growth Programme of ROK – Choi Hong-lim, SNU

Plenary discussion

### > 10:00-10:30 Break

### > 10:30-12:00 Seminar on "Livestock and Green Growth" - continued

Introduction to the development of the "sustainable livestock agenda" so far – Henning Steinfeld, FAO

Environmental issues of intensive livestock production, the rationale behind the choice of nutrient and energy recovery from manure as a focus area – Pierre Gerber, FAO

Plenary discussion on potential links between the Green Growth Programme and the Agenda of Action

### > 12:30-13:30 Lunch

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- > **13:30-13:50** Plenary – introduction to the workshop  
Chair: Sune Jin Christensen, Danske Slagterier  
*Objective and structure of the workshop* – Jeroen Dijkman & Chris Redfern, FAO
- > **13:50-15:30** Plenary presentations and panel discussions: **issues in recycling and recovering nutrients and energy – state of knowledge and practice in different regions and among different stakeholders – who is doing what?**  
*Available technologies for nutrient and energy recovery – overview and regional variations* – Harald Menzi, Bern University of Applied Sciences  
*Current initiatives related to manure management: what is going on, what are the gaps?* – Paul Vriesekoop, Wageningen UR Livestock Research  
*Constraints to the adoption of nutrient and energy recovery practices and related regulations – in East Asia* – Heinz-Peter Mang, Asian Development Bank  
*Economics aspects of manure management – a private sector report* – Sune Jin Christensen, Danske Slagterier, SA Danish Bacon and Meat Council  
*Societal concerns associated to manure management – an NGO perspective* – Bryan Weech, World Wildlife Fund  
Plenary discussion
- > **15:30-16:00** Break
- > **16:00-17:30** Working Groups to identify **targets and priorities** in terms of production systems, commodities, regions, socio-economic context  
WG1: production systems (commodities, intensity, scale of production, crop-livestock integration, spatial distribution)  
WG2: regions (institutional capacities, baseline information available, potential for private-public partnerships, climate)
- > **18:30** Reception offered by platform donors
- > **08:30-09:45** Working Groups report back to plenary and **plenary agrees on targets and priorities**  
Chair: Niek Schelling, The Netherlands
- > **09:45-10:15** Plenary presentations on experiences with policies and technologies, what works and what doesn't, where are the gaps?  
*Experience in the development of policies and regulations for manure management – Europe* – Erik Mulleneers, Ministry of Economic Affairs, Agriculture and Innovation, The Netherlands  
*Experience in the development of policies and regulations for manure management – emerging economy* – Arux Chaiyakul, Department of Livestock Development, Thailand
- > **10:15-10:30** Break
- > **10:30-12:00** Plenary presentations - continued  
*Constraints to the adoption of nutrient and energy recovery practices – Europe* – Wyno Zwanenburg – Dutch pig farmers organization  
*Private sector initiatives, dairy* – Suh Sung Duk, International Dairy Federation  
*Private sector initiatives, pork* – Mike Teillet, Canadian Pork Council  
Discussion
- > **12:00-13:30** Lunch
- > **13:30-15:30** Working groups to identify **constraints to adoption of best manure management practices and tentative lines of action for this focus area**  
WG1: Private sector representatives  
WG2: NGOs and Civil Society Organizations  
WG3: Government and International Organizations
- > **15:00-15:30** Break
- > **15:30-17:30** Working Groups report back to plenary and **plenary agrees on current constraints and tentative lines of action for this focus area**
- > **17:00-18:00** Soccer match
- > **18.30-20.00** Dinner at Doo-re-mi-dam (5th floor, Bld #201, Korean Restaurant at Cals, SNU)

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- > **09:00-09:30** Plenary presentation  
Chair: Henning Steinfeld, FAO  
Summary of Days 1 and 2 - Chris Redfern, FAO
- > **09:30-11:00** Multi-stakeholder Working Groups on  
**Potential elements of an Action programme  
and next preparation steps**  
WG1: Policy development  
WG2: Technical development, innovation and  
dissemination  
WG3: Investments, including pilot projects  
*(tentative, may be revised based on prior discussions)*
- > **11:00-11:00** Break
- > **11:00-12:00** Working Group continued
- > **12:00-13:30** Lunch
- > **13:30-14:30** Groups report back to plenary and  
plenary discussion
- > **14:30-15:30** Plenary agrees on **potential elements  
of an Action programme and next preparation  
steps**
- > **15:30-16:00** Conclusions and Workshop Closure

**FURTHER INFORMATION**

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