



GMP+: 2006 conference

Welcome

Poznan (Poland), 20th November 2008





Healthy feed business with GMP+:2006

Keep feed safety under control

Product Board Animal Feed, The Netherlands
Johan den Hartog | Managing – director

Poznan, 20th November 2008



Content

- What is GMP+?
- Why and wherefore of GMP+
- Relevance in international trade
- Relevance of GMP+ for your company





GMP+ certification scheme animal feed

What?

A certification scheme for the whole feed chain

Activities	Products			
	F.Materials	F.Additives	Premixtures	Mixed feeds
Cultivation	X			
Trade	X	X	X	X
Storage	X	X	X	X
Transshipment	X	X	X	X
Production/processing	X	X	X	X
Transport	X	X	X	X
Laboratory analysis	X	X	X	X
Feeding	-			-



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What?

A

General (framework) documents

B

Normative documents

C

Rules of Certification

D

Interpretations and guidances



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What?

Standard		B1	B2	B3	B4.1	B4.2	B4.3	B5
Activity	Product							
Production	Compound feed	X						
	Premixtures	X						
	Feed materials	X	X					
	Feed additives	X						
Road transport	All feeds		(X)	(X)	X			
Freighting	All feeds					X		
Inland waterway transport	All feeds						X	
Trade	All feeds	X	(X)	X				
Storage & transhipment	All feeds	X	(X)	X				X



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What?

General objectives:

- to produce, handle, deliver and feed animal feed which is *safe* for consumers (of animal products), animals and environment, consistent and assured
- in a trustworthy way for all stakeholders:
 - demonstrable
 - transparent

GMP = Good Manufacturing Practice

+ = HACCP integrated (since 2000)





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What?

Characteristics:

- HACCP ~ ISO 22000:2006 / Codex Alimentarius: pro-active
- Quality management ~ ISO 9001:2000: consistency
- Specific prerequisites for animal feed: tailor-made
- EU feed hygiene regulation (no. 183/2005)
- Integrated chain approach
- Emphasis on individual responsibility
- Transparency
- Developed by trial and error
- Third party certification under EN 45011
- Robust rules of certification
- Supervision (PDV & accreditation bodies)





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What?

Developed by trial and error:

- Start - 1992 in response of chain demands
- 1995 - Restructuring according ISO 9001:1994
- 2000 - Enhancement due to crises 1997-1999:
 - Integration of HACCP
 - Upstream extension quality assurance
 - Development early warning system
- 2003 - Lessons of MPA – incident (2002)
 - Traceability
 - Recall obligation
 - Exclusive list of feed materials
- Thorough redesign 2004 - 2005: GMP+:2006 (≈ISO 9001:2000; ISO 22000 draft; EU hygiene regulation)



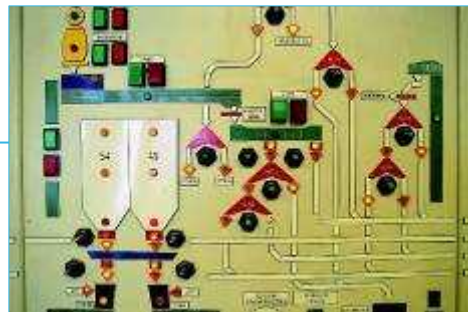


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What?

Certification procedure:

- Only independent certification bodies accepted by PDV
- Certificate with a 3 year validity will be issued after a successful initial audit
- Annual supervision audit
- Extension audit for extension of valid period
- PDV strong attention for quality of certification





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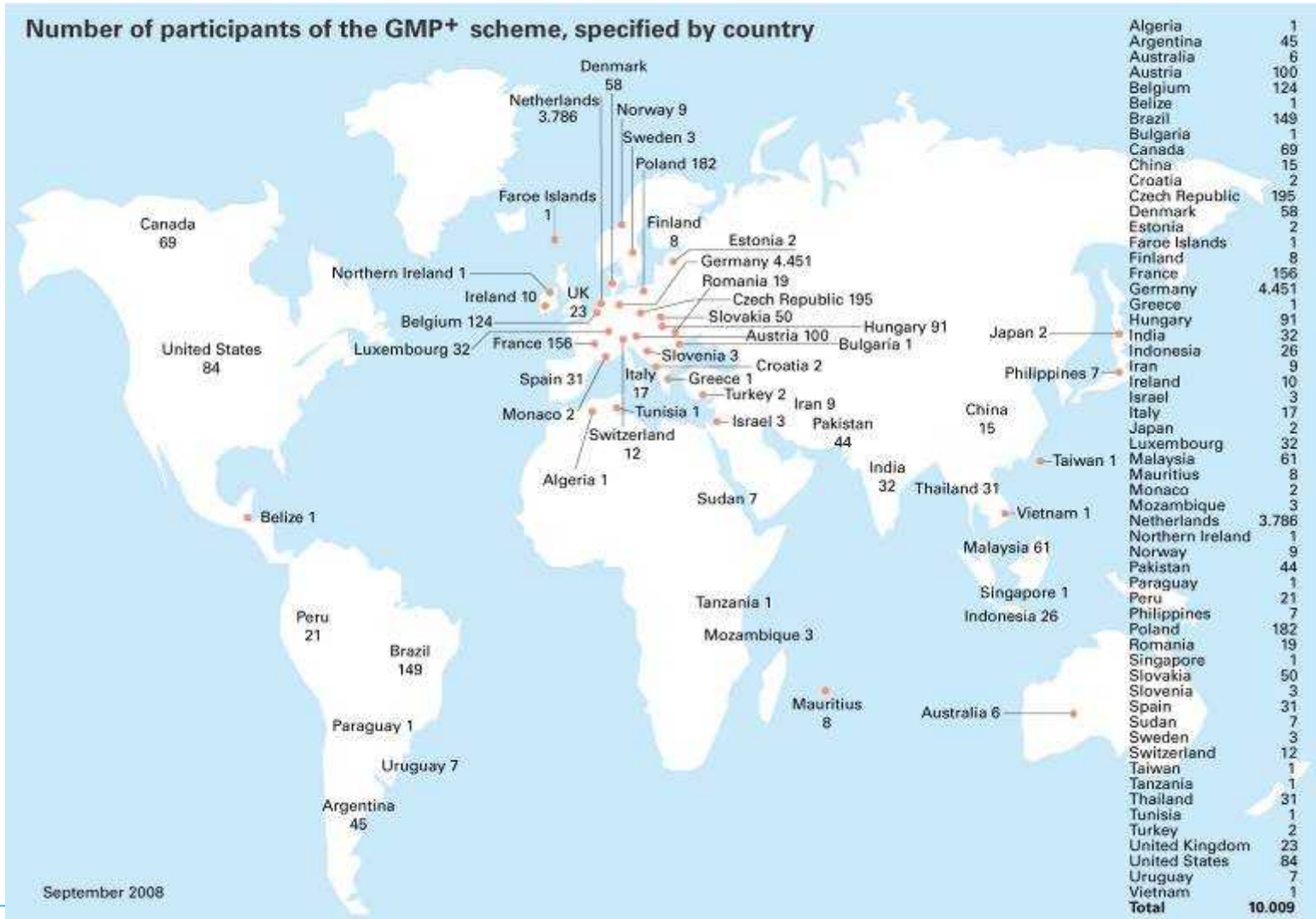
What?

Supporting information:

- On website: www.pdv.nl (Dutch, English & German)
- Complete scheme content
- Database with certified companies, suspended and withdrawn certificates, accepted certification bodies
- Guidance documents, publications
- Early warning system
- Database undesirable substances in feed materials
- Database generic risk assessments of feed materials
- Database road transport loads
- Fact sheets undesirable substances



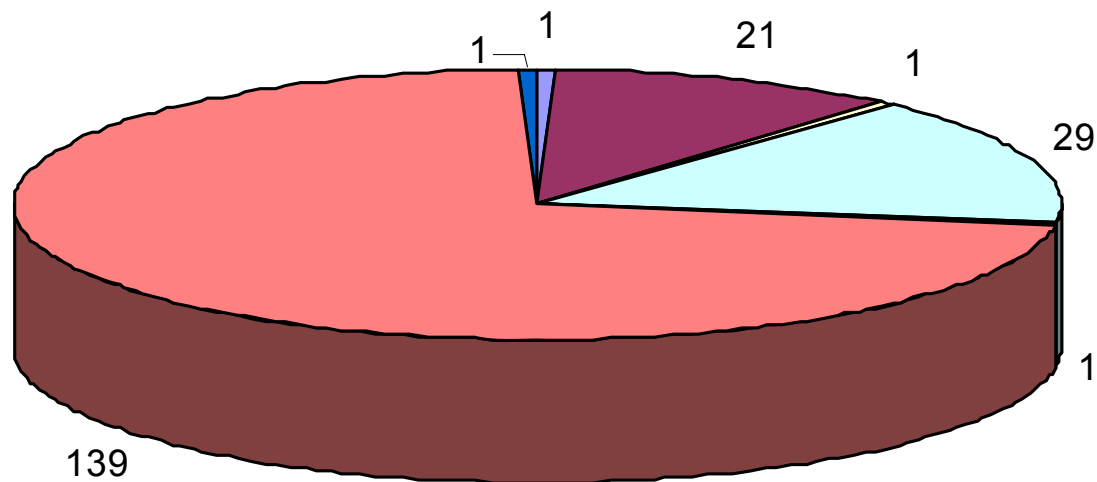
Number of participants of the GMP+ scheme, specified by country





Polish participation

Total no. = 193 at 2008-11-13

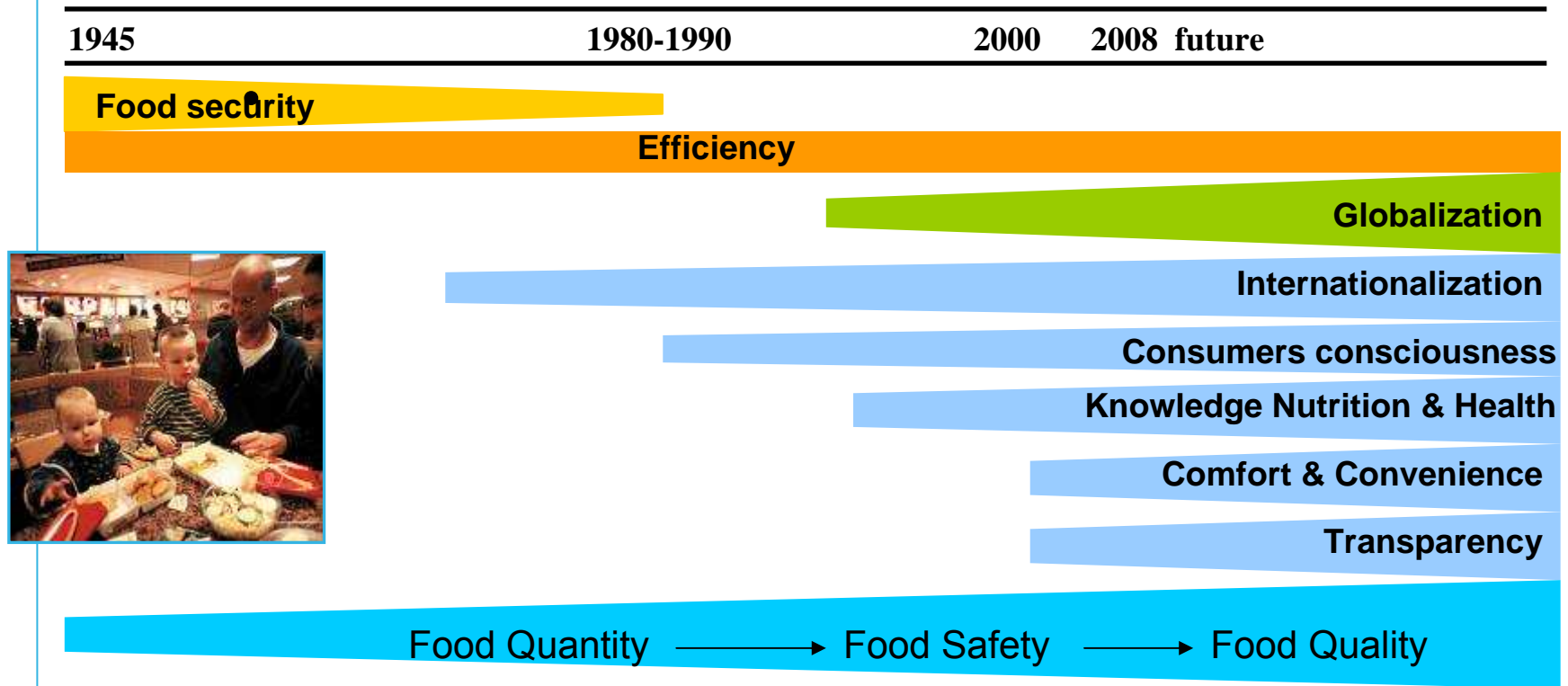


- GMP+ B1 production premixtures
- GMP+ B2 production feed materials
- GMP+ B3 trade
- GMP+ B4.1 road transport
- GMP+ B4.2 Short sea shipping etc.
- GMP+ B4.3 Hygie code for inland waterway transport
- IFSA standard



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Why and wherefore?



Feed/food safety: result of social & economical trends in Europe





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Why and wherefore?

Feed safety related incidents & affairs (1):

- High aflatoxin in USA corn gluten feed (1989)
- Salmonellae in eggs and poultry meat (1988)
- Residues antibiotics in eggs (1988 – 1992)
- BSE and meat-and-bone meal (1989, 1997, 2000)
- Dioxin in Brazilian citrus pulp (1998)
- Dioxin in Belgian feed fat (1999)
- Dioxin in German kaolin (1999)
- Nitrofen in German cereals (2002)





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Why and wherefore?

Feed safety related incidents & affairs (2):

- MPA in Irish sugar syrup (2002)
- Dioxin in German bakery products (2003)
- Dioxin in Dutch potatoes byproducts (2004)
- Cadmium in Chinese zinc sulphate (2005)
- Dioxin in Belgian animal fat (2006)
- Melamine in Chinese food and feed (2007-2008)





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Why and wherefore?

Impact of feed safety incidents:

- Stagnation sales/export
- Financial damage
 - Recall
 - Loss of sales
 - Waste / destruction
- Loss of consumers confidence
- Increasing safety requirements
- Bad image feed industry

1998 € 8 million
1999 € 50 million
2002 €135 million

- insurance companies
- government
- financial institutes



The relevance for international trade

Food & feed safety international issue:

- WHO (1999): Food safety paper
- WHO (2004): GMP principles for animal feed
- EU White Paper on Food Safety, January 2000
- European Food Law (Reg. EC no. 178/2002)
- FDA Animal feed safety program (2003)





The relevance for international trade

Increasing role of private certification in public sector:

- EU Green Paper on Food Quality pays attention to role of private certification schemes in ensuring quality and encouraging transparency
- FDA is changing policy for acceptance private certification in case of imports
- WTO: Agreement on the Application of Sanitary and Phyto-sanitary Measures contains provisions in article 13 of role of non – governmental entities for certification





GMP+: the relevance for your company

- Improves internal operations: more consistent performance, better involvement of personnel, reduction of failure and control costs
- Improves your image and competitive edge in the market by better reliability
- Gives better sales opportunities internationally
- Improves the continuity of the company
- Easy way to show to the official authorities that you comply legislation → less official inspections
- Access to a lot of relevant knowledge & information
- Participation in a worldwide leading feed safety assurance scheme



The End

Thank you for your attention

Questions?