

GMP+ Feed Safety Assurance scheme



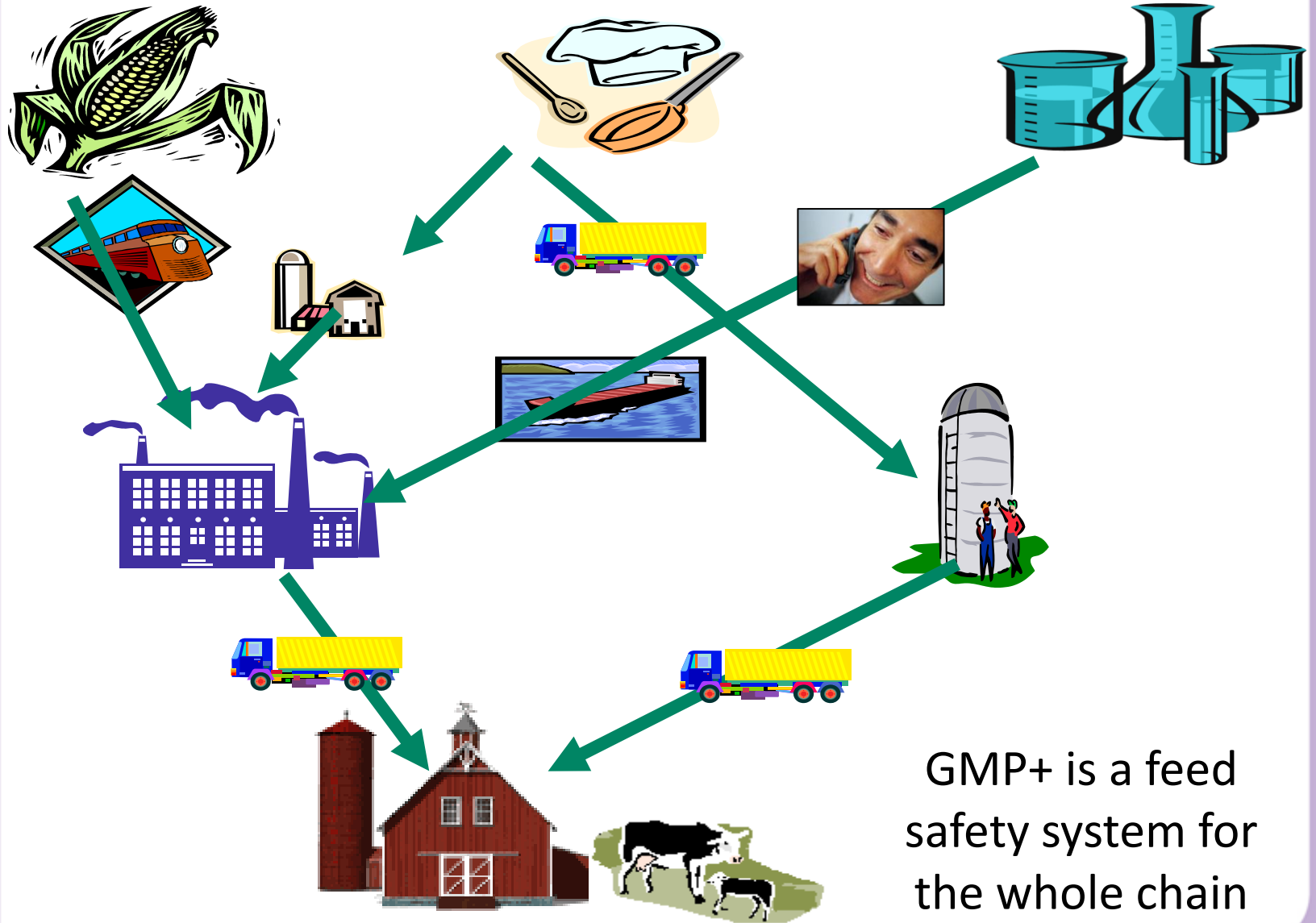
Dik Wolters
GMP+ International
Poznań, 10. November 2011

Content

1. Introduction
2. GMP+ FSA scheme
3. Important elements GMP+ FSA scheme
4. Important GMP+ standards
5. Feed safety database
6. Closing remarks



Introduction



GMP+ is a feed safety system for the whole chain

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GMP+ FSA scheme

A

General documents

B

Normative documents ('standards')

C

Rules of Certification

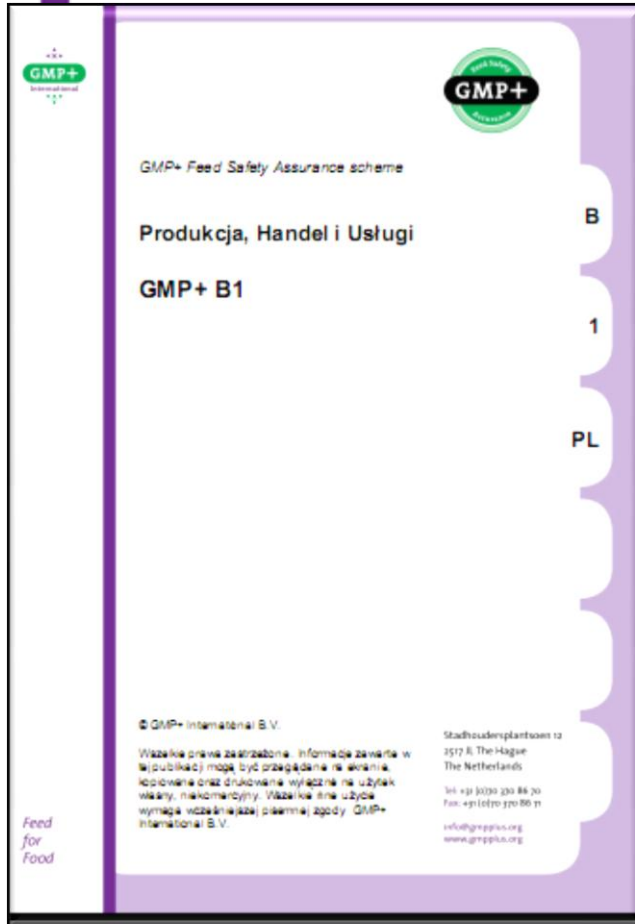
D

Interpretations and guidances

GMP+ FSA scheme

scopes	Main, universal standard	Standard for target groups		
	B1	B2 (2010)	B3 (2007)	B4 (2011)
Production compound feed				
Production premixture				
Production feed additives				
Production feed material				
Collection of feed materials				
Storage and transhipment				
Trade in animal feed				
Road transport of animal feed				
Affreightment of transport				

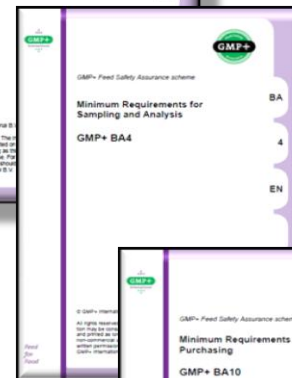
GMP+ FSA scheme



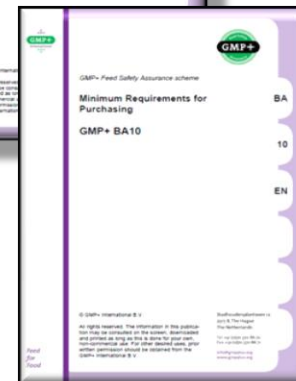
GMP+ B1 'Production, trade and services'



GMP+ BA1 'Product standards'



GMP+ BA4 'Inspection & analysis'



GMP+ BA10 'Purchase requirements'

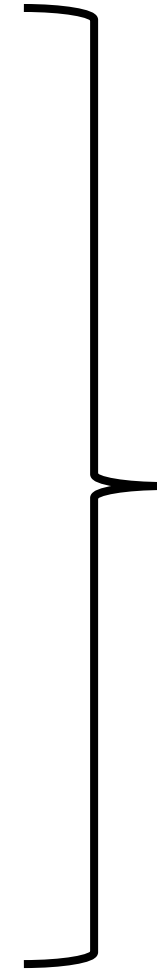
.... + some other

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Important elements



Product standards

In Appendix GMP+ BA1 are product standards for:

- Undesirable substances
 - Heavy metals
 - Pesticides
 - Microbiological substances
 - Dioxins and PCBs
 - Etc
- Residues from medicines
 - Antibiotics
 - Coccidiostats
 - Other feed medicines



Compliance with these standards → safe feed!!

Prerequisites

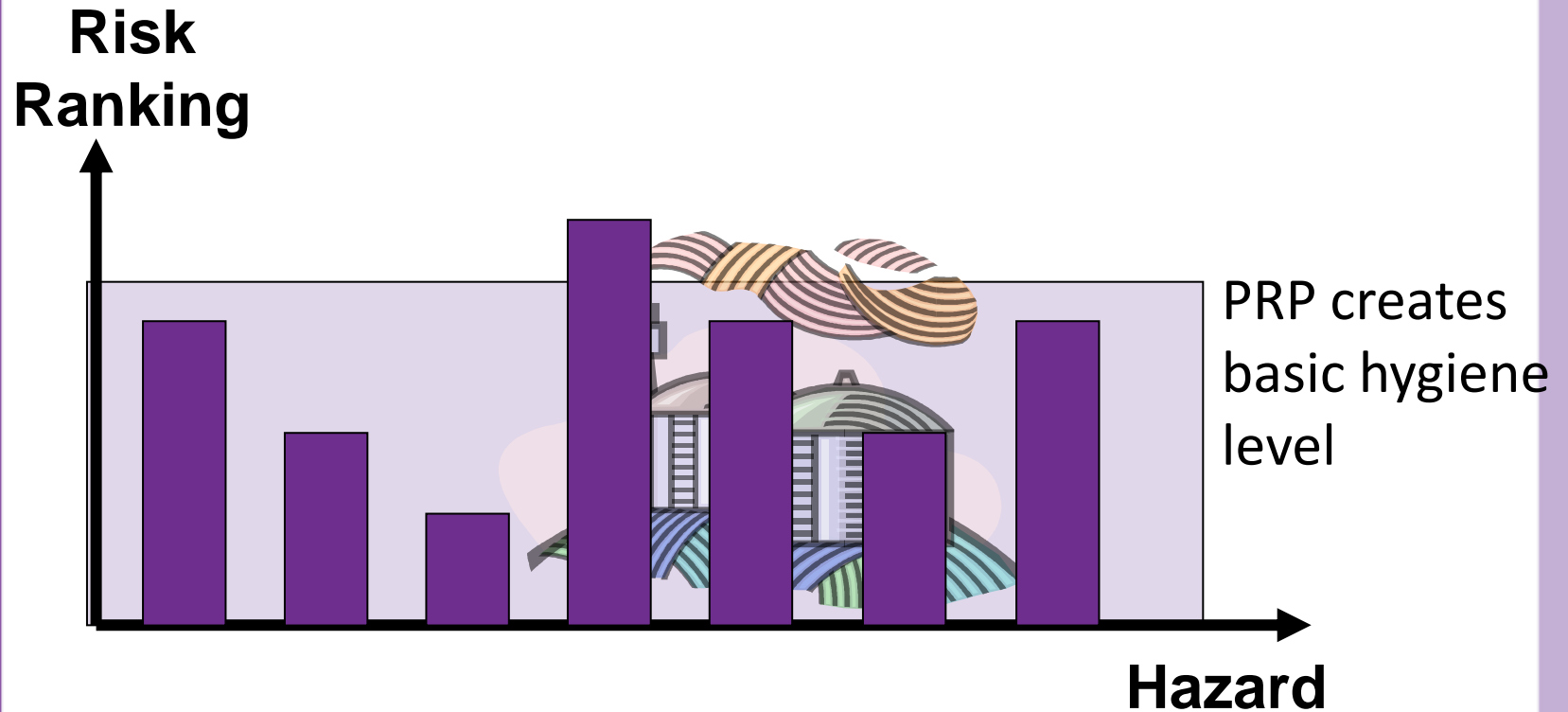
To create a basic hygiene level in the company

Elements of a Prerequisite Programme (PRP)

- Education and Training
- Infrastructure, Buildings and Working Environment
- Facilities and Equipment
- Cleaning and Maintenance
- Pest Control
- Administration and registration
- Etc.



Prerequisites



- Almost all risks are controlled by control measures that are part of the PRP.
- For some risks specific control measures are necessary.

Chain approach

- GMP+ is chain system
- You can not control all hazards in the chain yourself
- Every link is responsible for feed safety
- 'A chain is only as strong as its weakest link'

→ GMP+ has strict purchase requirements



Chain approach

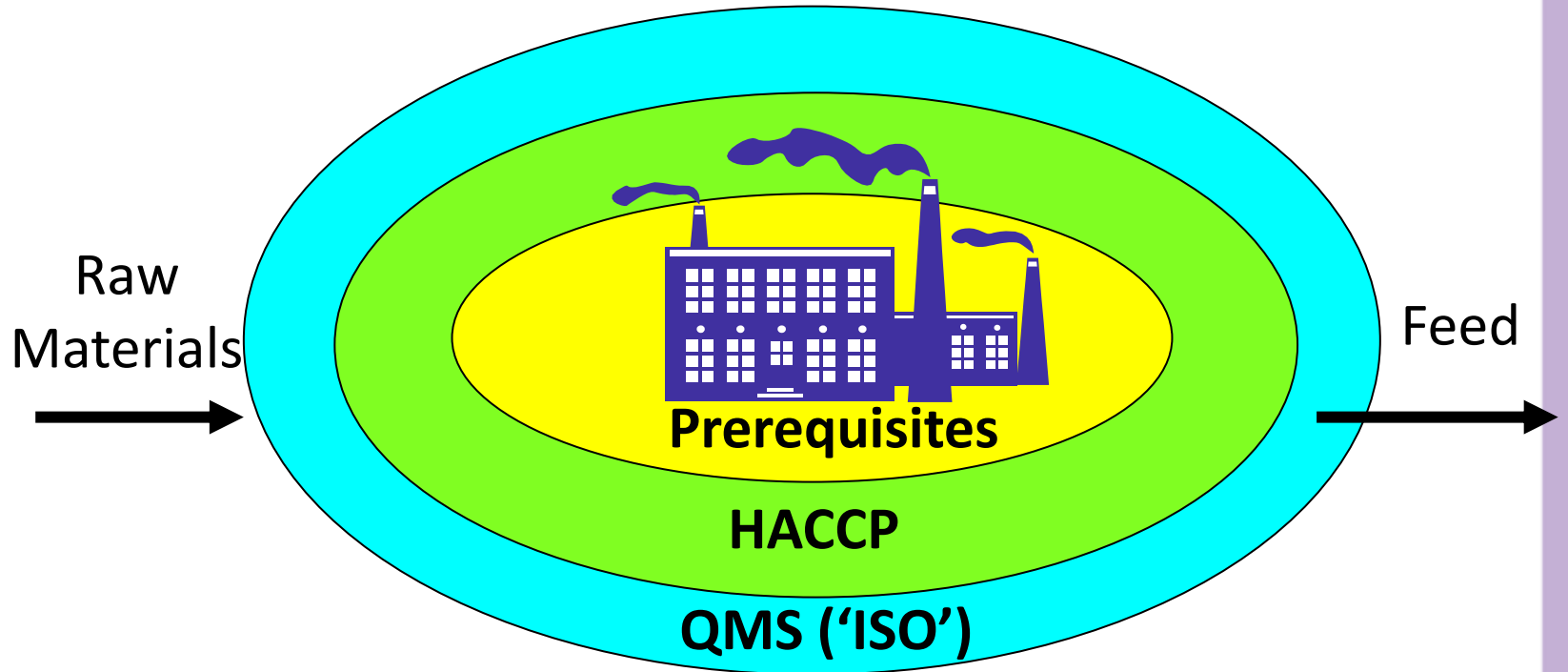
For all products and services

- Specification of all products & services
- Selection of suppliers, based on HACCP risk assessment
- Verification of products & services
- Re-assessment of suppliers

For feed ingredients also:

- Supplier needs to be GMP+ certified
- For regions with a 'low GMP+ density':
 - Special solutions!
 - Based on an individual system of supplier control

GMP+ FSA scheme



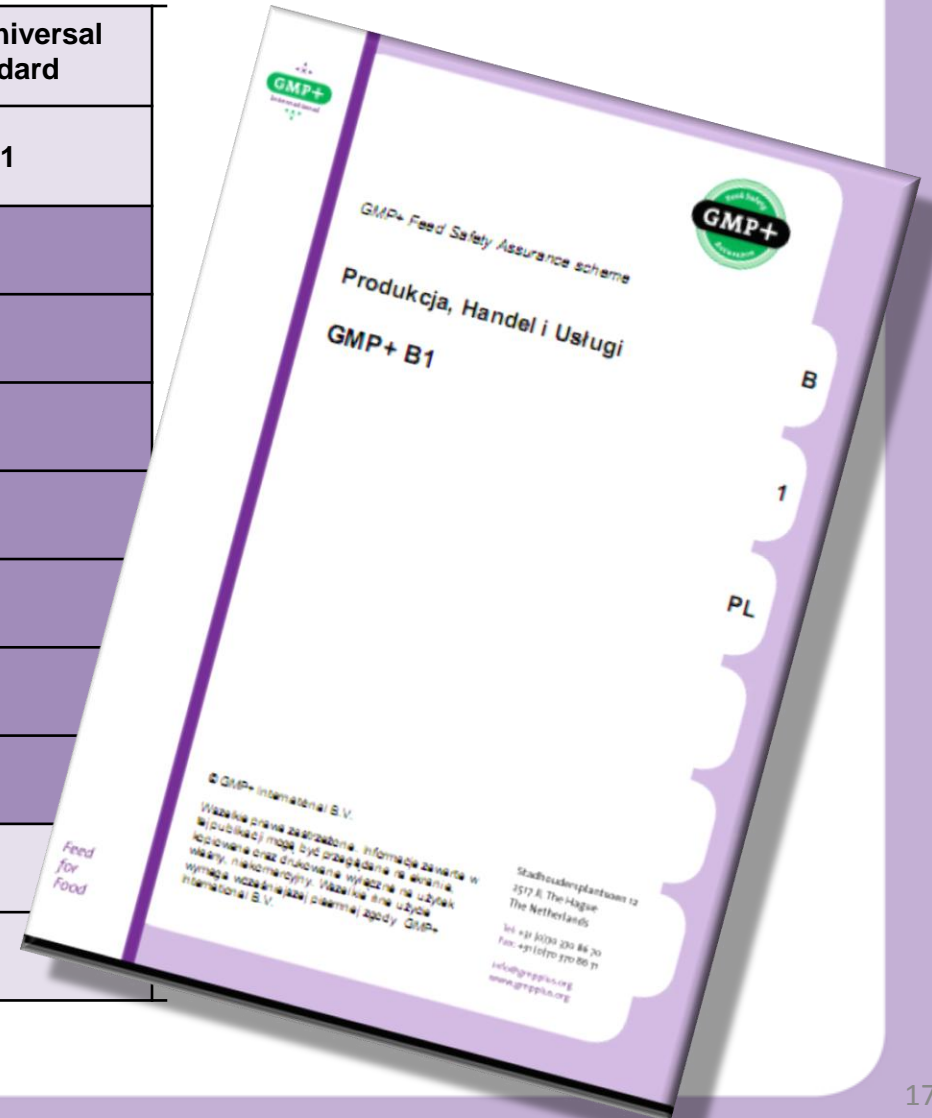
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Standard GMP+ B1

	Main, universal standard
scopes	B1
Production compound feed	
Production premixture	
Production feed additives	
Production feed material	
Collection of feed materials	
Storage and transhipment	
Trade in animal feed	
Road transport of animal feed	
Affreightment of transport	



Standard GMP+ B1

- Structure is identical to ISO 9001/22000
- Where possible, same wording as ISO
- Easy to combine with ISO 9001 & 22000
- Covers all scopes, but especially
 - the production of compound feed & premixtures



Standard GMP+ B1

Specific attention for:

- Purchase & supplier control
- Verification of incoming products
- Dosing, Weighing, Mixing
 - Special attention for correct use of feed medicines
 - Control of residues of feed medicines
 - Control of hygiene
- Storage
- Delivery



Standard GMP+ B1

Chapter	Content of GMP+ B1
1	Introduction
2	Normative references
3	Terms and definitions
4	Feed safety system
5	Management responsibility
6	Management of resources ('prerequisites')
7	Process control (including HACCP)
8	Measurement, analysis and improvement

Standards GMP+ B2, B3 & B4



scopes	Standard for target groups		
	B2 (2010)	B3 (2007)	B4 (2011)
Production compound feed			
Production premixture			
Production feed additives			
Production feed material			
Collection of feed materials			
Storage and transshipment			
Trade in animal feed			
Road transport of animal feed			
Affreightment of transport			

Standards GMP+ B2, B3 & B4

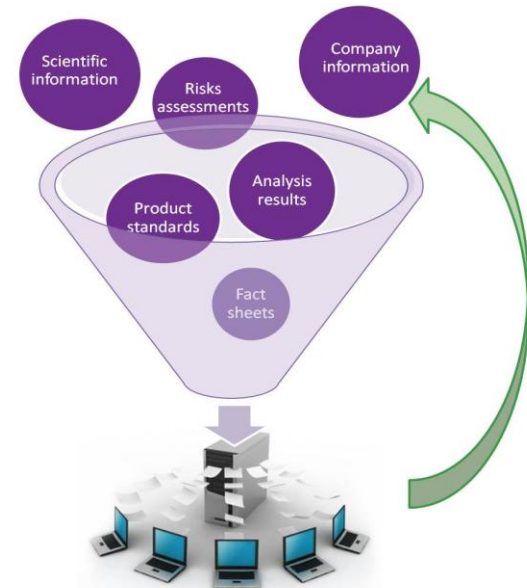
- Each standard has a specific, limited scope
- Basic chapters are identical
 - QMS, HACCP, Prerequisites
- Specific chapter for specific activities
- Use of words focused on target group
- Identical structure, easy to combine
- Achieves equivalent level of safety assurance as when applying GMP+ B1

Standards GMP+ B2, B3 & B4

Chapter	GMP+ B2	GMP+ B3	GMP+ B4
1	Introduction		
2	Normative references		
3	Terms and definitions		
4	Feed safety system		
5	Prerequisite programmes		
6	HACCP		
7	Control of operational activities for		
	Production	Trade/storage	Transport
8	Verification and improvement		

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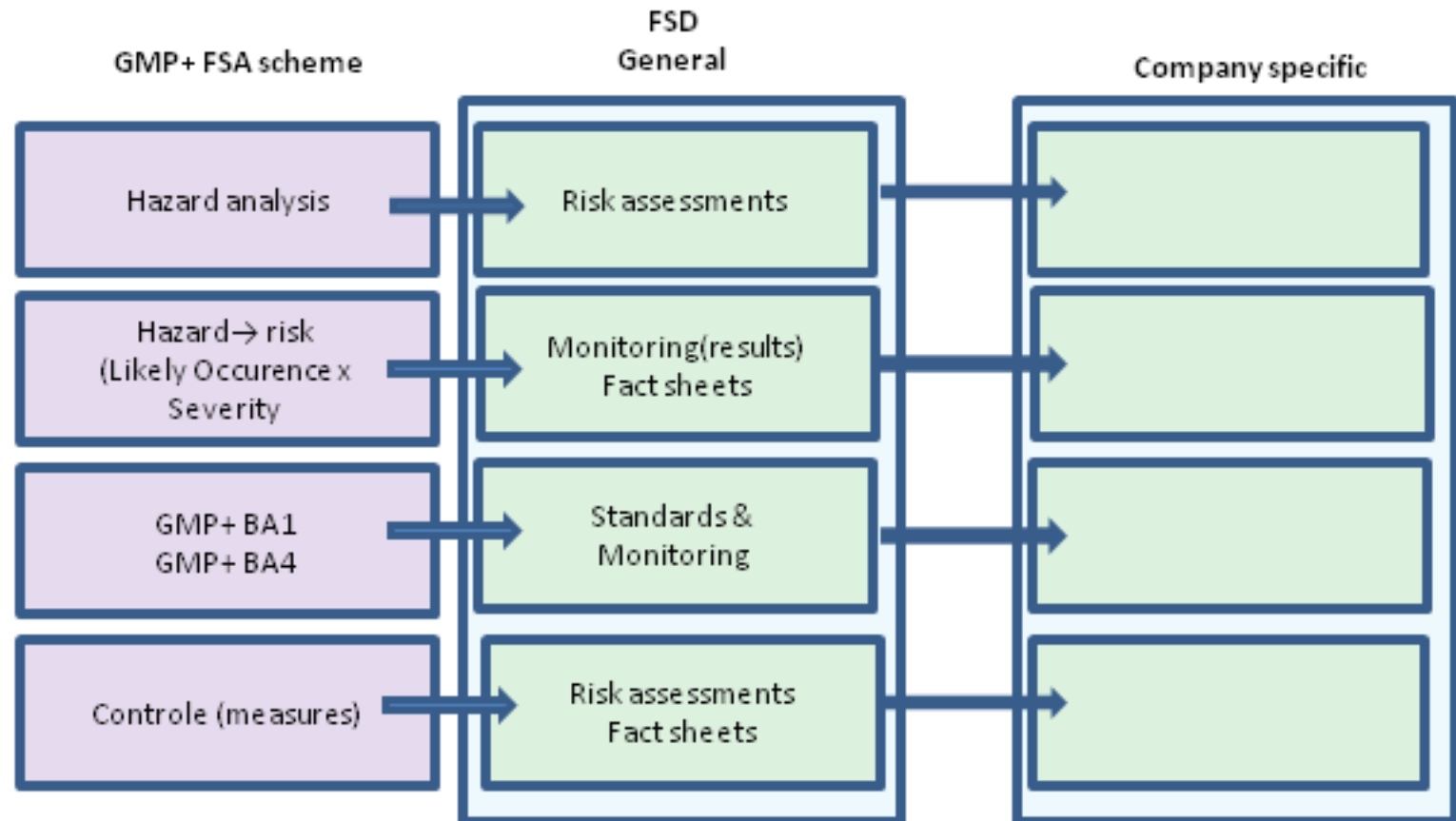




FSD: knowledge centre

- FSD for (new) GMP+ companies
- Support when implementing GMP+
- Different information sources
 - a. 120 generic risk assessments for 500 feed materials
 - b. monitoring results
 - c. fact sheets relevant to undesirable substances and processing aids
 - d. product standards

Link GMP+ & FSD



FSD in brief 1

Risk assessment:

- Interactive consultation of information
- Preparing company-specific risk assessments
- Hazards report per product

<http://fsd.gmpplus.org/fsd/>

The plusses of FSD

The benefits of use

- a. up-to-date knowledge of risks of feed materials
- b. assessed by independent experts
- c. uniform source of knowledge
- d. automatically linking of all relevant files



strona główna

Szukaj

Logowanie

Aktualności

GMP+ FSA scheme

Firmy

Transport Database

Feed Safety Database

- Introduction
- Newsletter
- Demo version
- FSD film
- Directly to FSD

GMP+ Academy

Seminaria

EWS

Partnerzy

O nas

Introduction

The Feed Safety Database (FSD) is an interactive database which is part of the GMP+ FSA Scheme. The FSD comprises various parts of the GMP+ FSA scheme: risk assessments, monitoring results, product standards and fact sheets. All the feed materials in the FSD are considered to be controllable and can therefore be used (safely) in the feed sector.

The Feed Safety Database is intended as an aid to all (future) GMP+ companies in the drawing up of their company-specific risk assessments. The FSD is also intended as a reference for the auditors within the framework of GMP+ certification.

To retrieve all the information in FSD you have to log in. You can log in at the top right of the screen using your user name and password (the same as your user name and password for the login on the website www.gmpplus.org). If you do not yet have a user name and password and your company is GMP+ certified then send an E-mail to info@gmpplus.org. Include your company name and your certification number.

Enter the [Feed Safety Database](#)

» [wersja do wydruku](#)

31 październik 2011
Feed Safety Database
Newsletter 2011 no. 10

27 październik 2011
Leading Chinese feed
companies decide to
make a substantial step
in feed safety assurance

19 październik 2011
Komunikat o wycofany
certyfikacie GMP+

www.gmpplus.org

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Final remarks

GMP+ International offers a solid framework for international arrangements for animal feed certification:

- For the whole feed chain, worldwide
- Based on well-balanced multi-stakeholders' participation
- According the newest scientific insights and practical experiences
- Operating in an innovative way
- To cope with demands in the globalizing feed & animal protein market



Thank you for your attention



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