

# Integrating and strengthening the European Research Area Specific Targeted Project



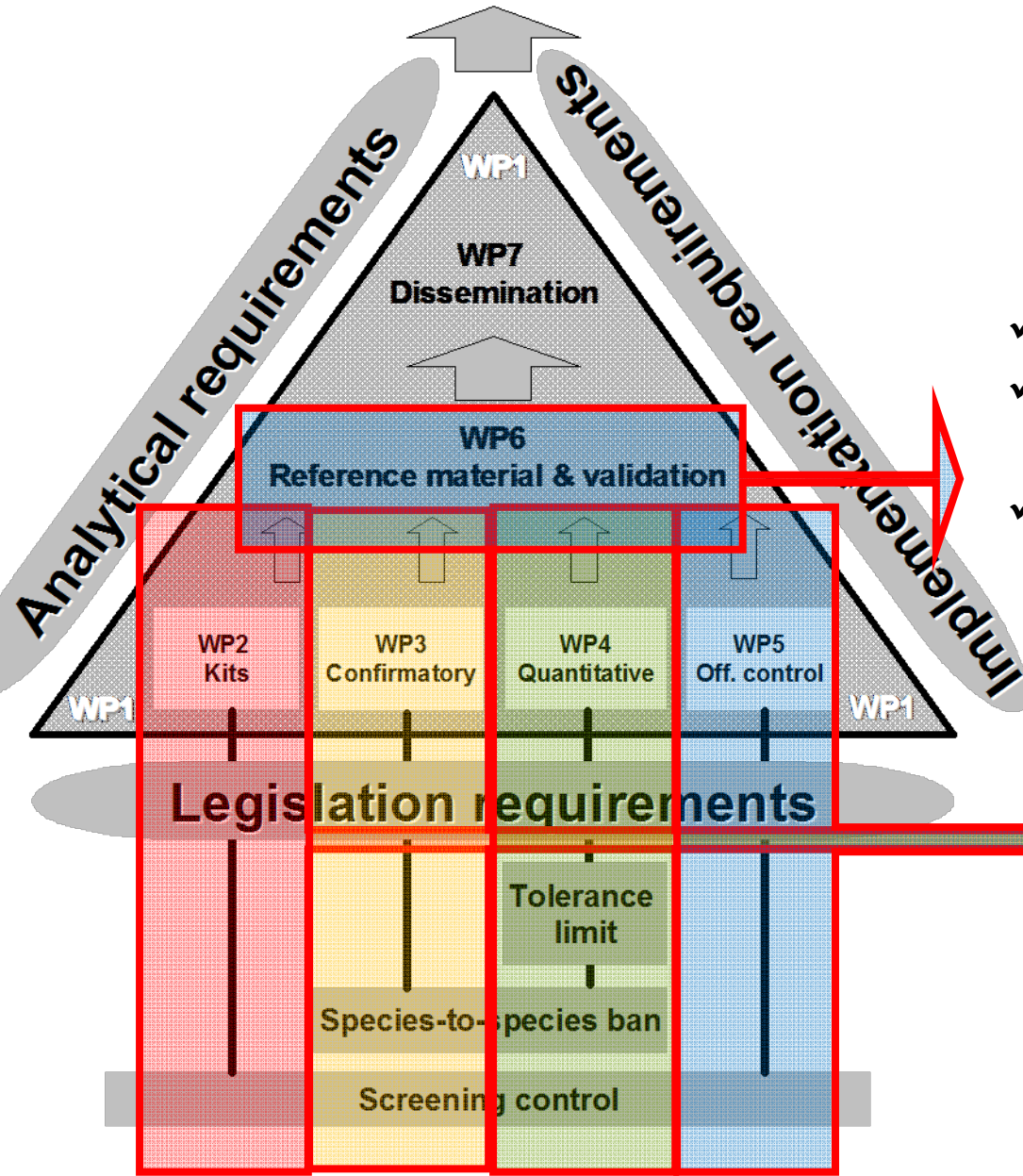
**Detection of presence of species-specific processed  
animal proteins in animal feed**

**(FOOD-CT-2006-036221)**

**Vincent Baeten**



# SPECIES SPECIFIC DETECTION



- ✓ Samples
- ✓ Interlaboratory studies (PCR & NIRM)
- ✓ CRM study
  - ✓ Screening preparation
  - ✓ Nucleic acid preparation
  - ✓ Nucleic acid purification
  - ✓ PCR and detection
  - ✓ Combination of methods

➔ Needs for test stability and detection of the markers

# Objectives

The *SAFEED-PAP* project has three main objectives that should lead to solve the problematic of the species specific detection of MBM in compound feeds:

- (i) Development of *suitable validated methods* for the species specific detection and quantification of animal protein in compound feed in order to allow the amendment of the extended total ban;
- (ii) Development of *tools and analytical kits* for the correct implementation of the methods in the labs;
- (iii) To set up the *appropriate environment* for the optimum application of the methods.

# Two dedicated workshops



**Vilnius,  
Lithuania  
13-16 May 2008**



Walloon Agricultural Research Centre



RÉGION WALLONNE

# Two dedicated workshops

**Qingdao, China**  
**21-23 April 2009**

**&**

**Beijing, China**  
**24-25 April 2009**



Wageningen, 6-7 October 2009 / 5



Walloon Agricultural Research Centre



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# Two international conferences




## FEED SAFETY International Conference 2007 Methods and Challenges

27<sup>th</sup> and 28<sup>th</sup> November 2007

Centre de Congrès du Beffroi  
Namur - Belgium



<http://safeedpap.feedsafety.org/fs2007/>








## FIRST CIRCULAR

3<sup>rd</sup> International FEED SAFETY Conference  
- Methods and Challenges -

6 - 7 October 2009  
Wageningen, The Netherlands

RIKILT - Institute of Food Safety



# Proceedings :

Journal BASE

(Biotechnology, Agronomy, Society and Environment)

## Key dates

- Approval by speaker/poster authors to submit a paper in BASE : 15<sup>th</sup> October 2009
- Submission final paper: 30<sup>th</sup> January 2010

