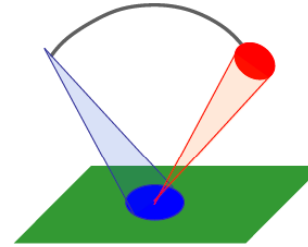




Federal Ministry  
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Consumer Protection



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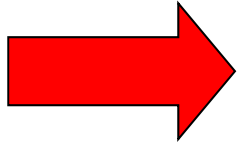
# Sustainable Use of Plant Protection Products under the new Plant Protection Legislation in the European Union

**Dr. Wolfgang Zornbach**

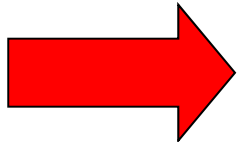
**Federal Ministry of Food, Agriculture and Consumer Protection**

20 September 2010, Bonn

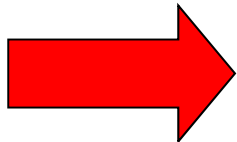
# EU - Framework



**Authorisation  
of Plant Protection Products**



**Sustainable Use  
of Plant Protection Products**



**Requirements  
for Plant Protection Equipment**

## The EU Pesticide Package

- Directive 2009/128/EC of the European Parliament and the Council of 21 October 2009 establishing a framework for Community action to achieve the **sustainable use of pesticides**
- Regulation (EC) No 1107/2009 of the European Parliament and the Council of 21 October 2009 concerning the **placing of plant protection products on the market**
- Directive 2009/127/EC of the European Parliament and the Council of 21 October 2009 amending Directive 2006/42/EG with regard to **machinery for pesticide application**
- Regulation (EC) 1185/2009 of the European Parliament and the Council of 25 November 2009 concerning **statistics on pesticides**

# The Link between Authorisation and Use

## Regulation – Article 55

### Use of plant protection products

Plant protection products shall be used properly.

That includes

- comply with principles of good plant protection practice
- comply with the authorisation
- comply with the provisions of Directive 2009/128/EC
- comply with general principles of integrated pest management

## Important Elements of the „Sustainable Use Directive (SUD)“

Article 2 - only Plant Protection Products

Article 4 - National Action Plan

Article 5/6 - Education and Training

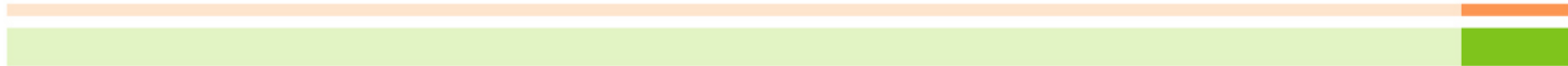
Article 8 - Plant Protection Equipment

Article 14 - Integrated Pest Management

# Sustainable Use Directive (SUD)

## Article 2

### Scope



**Pesticides**

**=**

**Plant Protection Products**

**+**

**Biocide Products**

**Only Plant Protection Products are regulated now!!**

# Sustainable Use Directive (SUD)

## Article 4

### National Action Plan



# Sustainable Use Directive (SUD)

## Article 4

### Why?

- Reduce risks and impacts of pesticide use on human health and the environment
- Encourage the development and **introduction** of **integrated pest management** and of **alternative approaches or techniques** in order to reduce dependency on the use of pesticides

# Sustainable Use Directive (SUD)

## Article 4

### How?

Set up

- quantitative objectives
- targets
- measures
- timetables

These targets may cover different areas of concern, for example worker protection, protection of the environment, residues, **use of specific techniques** or use in specific crops.



## National Action Plan on Sustainable Use of Plant Protection Products

Risk mitigation in Plant Protection  
Less Risk – more confidence



# Germany

## National Action Plan on the Sustainable Use of Plant Protection Products



## Actual Goals of the German National Action Plan

- **Reduction** of the risks associated with the use of plant protection products by 25 % until 2020
- **Reduction** of the use intensity of plant protection products (necessary amount)
- **Reduction** of domestic and imported food and feed products exceeding the existing MRL's

# Sustainable Use Directive (SUD)

## Article 5/6



## Education and Training

# Certificate for

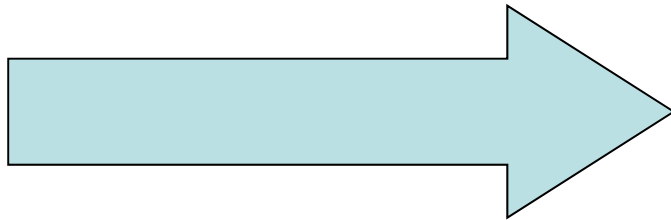
- Professional Users
- Advisors
- Retailers

Granting  
Renewal  
Withdrawal } Annex 1  
of SUD

**Proof of Specialist Qualifications**  
 Herewith, it is confirmed that  
 Mr. / Ms.  
 .....  
 .....  
 (name of person with specialist qualifications)  
 born on :  
 .....  
 .....  
 (date of birth)  
 has provided proof of specialised qualifications  
 pursuant to Article 1 (1) / Article 3 (1)\* of  
 the Ordinance Governing Specialist Qualifications in  
 Plant Protection.  
 .....  
 (place)  
 .....  
 (name of the responsible authority)  
 .....  
 (date)  
 .....  
 (signature)  
 .....  
 (stamp of the responsible authority)

Or in Future ??...

**Certificate**



## Plant Protection Act

Responsible for  
education and  
training in Germany:

Federal Länder







## Article 8

# Plant Protection Equipment in Use

## **Now in Germany!**

Regular checks of Plant Protection Equipment

- Field Sprayers
  - Sprayers for Orchards, Vinyards and Hops
- Every 2 years!

## **In Future!?**

Sustainable Use Directive requires

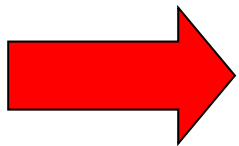
- All Types of Equipment
- Every 5 years (every 3 years from 2020 on)

# New Plant Protection Equipment

## EU- Machinery Directive

The manufacturer of machinery for pesticide application ... must ensure that an assessment is carried out of the risks of unintended exposure of the environment to pesticides, ...

EC declaration of conformity



**CE marking**



# Sustainable Use Directive (SUD)

## Article 14

### Integrated Pest Management

# Sustainable Use Directive (SUD)

## Promote low pesticide-input pest management

- integrated pest management



- organic farming

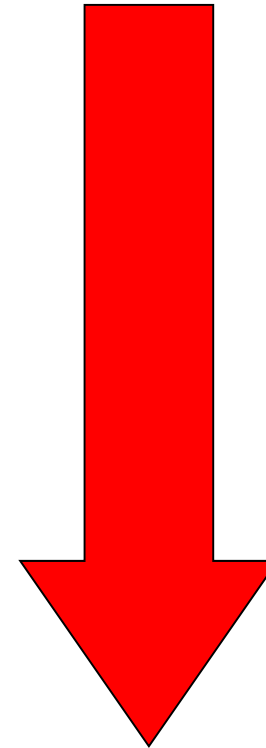


# Sustainable Use Directive (SUD)

Member States shall describe in their National Action Plans how they ensure that the **general principles of integrated pest management** as set out in Annex III are implemented by all professional users by **1 January 2014**.

# General principles of integrated pest management

1. Prevention
2. Monitoring
3. Decision
4. Preference for non-chemical methods
5. Application of Plant Protection Products
6. Necessary amount
7. Anti-resistance strategies
8. Check of success

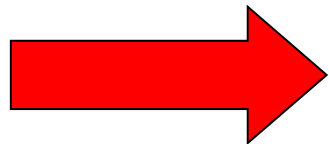


# Sustainable Use Directive (SUD)

Crop or Sector specific Guidelines!



Voluntary



More Details

Public authorities and/or organisations representing particular professional users may draw up such guidelines.

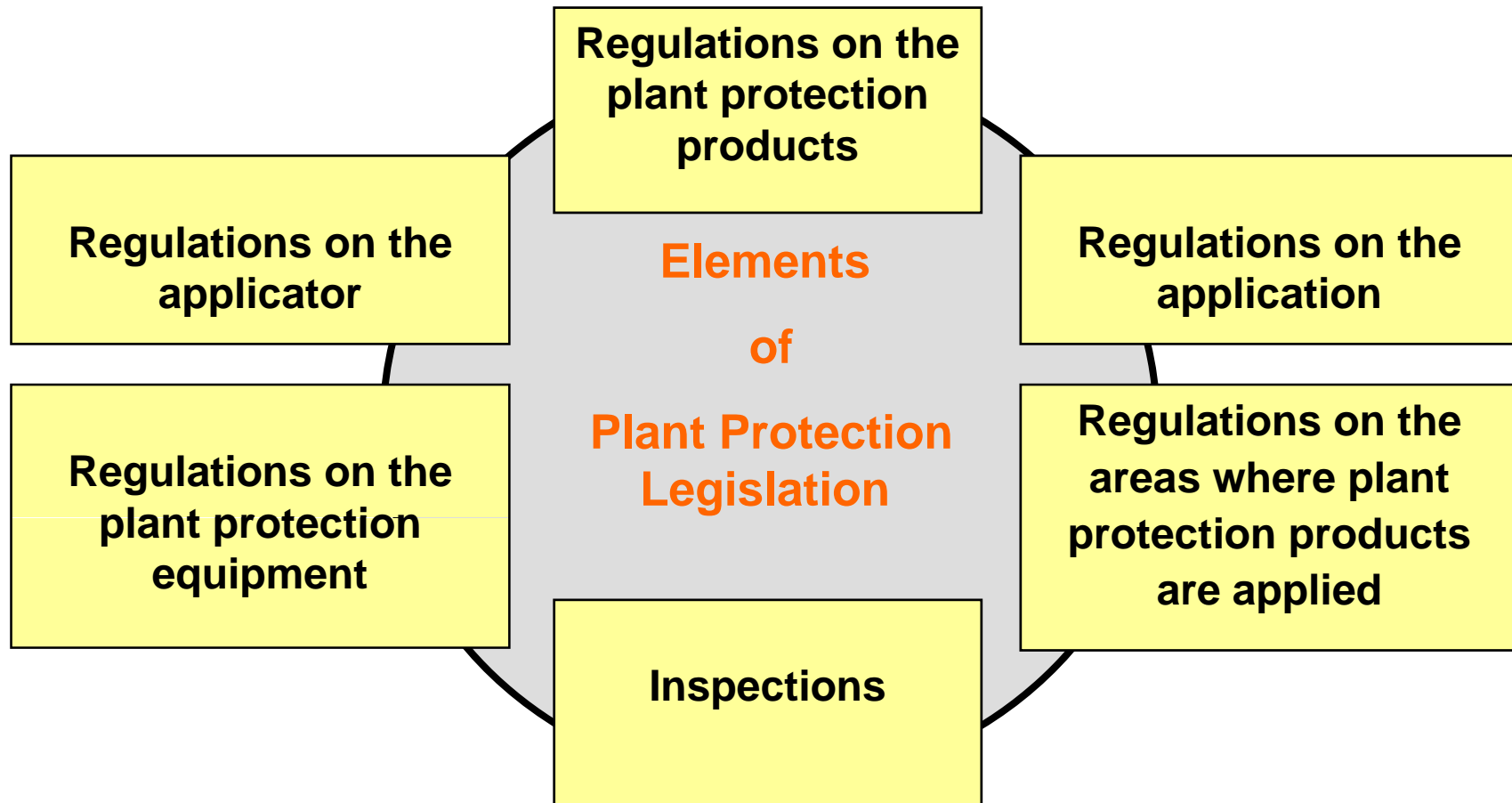


# Sustainable Use Directive (SUD)

What does that  
mean for  
Germany?



# Legal Background for Plant Protection Policy in Germany

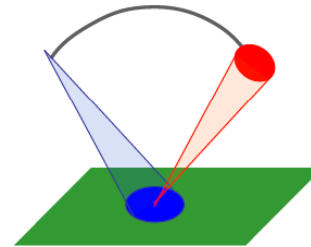


# Sustainable Use Directive (SUD)

New Plant  
Protection Act  
until summer 2011



# Thank you very much for your attention!!



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**Risk Reduction**