



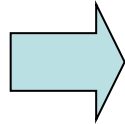
# EU strategy for sustainable plant protection

**Ladislav Miko**

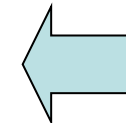
**Deputy Director General for the Food Chain  
European Commission**

# Regulatory framework EU legislative frame

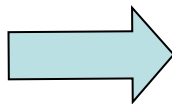
Placing on  
the market  
of plant  
protection  
products



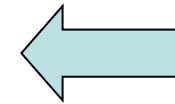
Sustainable  
use of  
pesticides



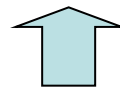
Collection  
of statistics



Maximum  
residue  
levels of  
pesticides



Technical requirements for  
machinery





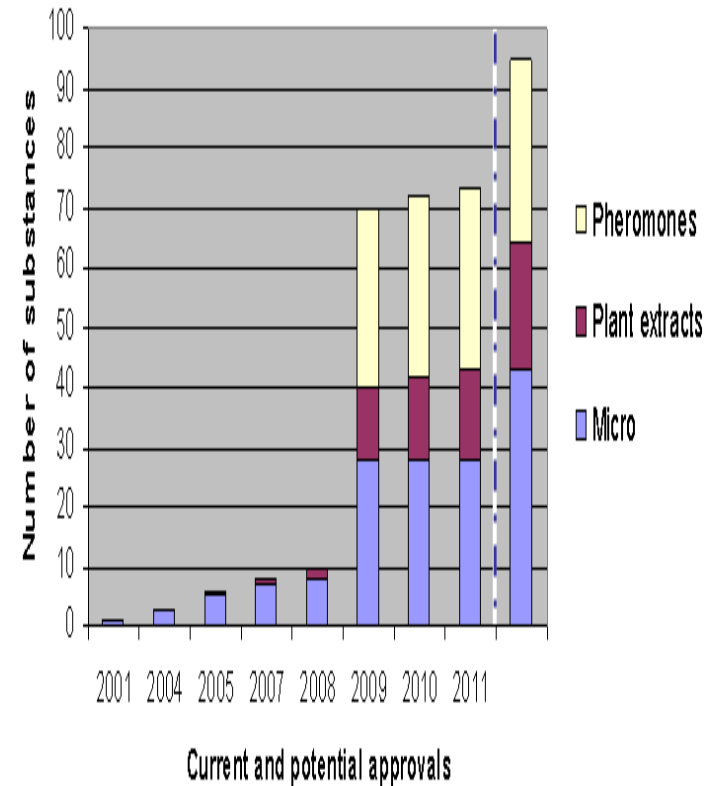
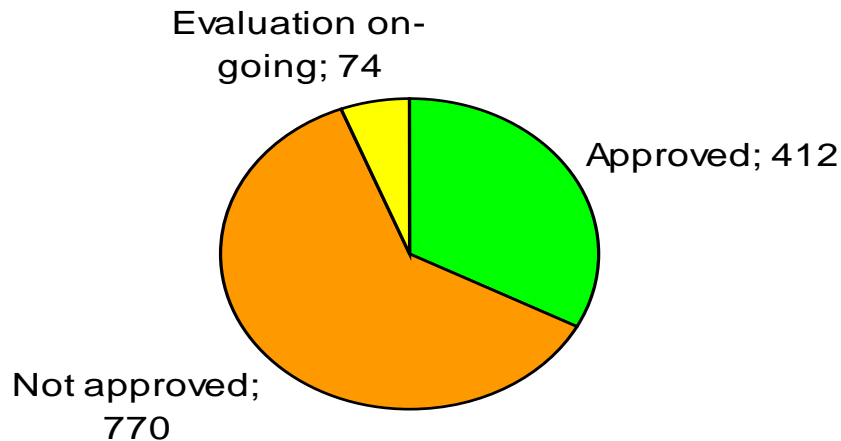
## Approval of PPP

- Major revision of the whole regulatory framework in last years
- New and stricter approval criteria and concepts
  - "Cut-off criteria" - Endocrine disruptors – Substitution principle
- Work sharing between EU and Member States
  - Approval of active substances at EU level – products at national level
- Incentives for low-risk and basic substances
  - Longer approval periods (15 y to unlimited) – accelerated procedure for authorisation of products
- IPM provisions

# Review of approved pesticides 1993-2012

## Evaluation active substances in EU

- **Before 1993:  $\approx$  1000 substances**
- **Today:**





## Sustainable use of pesticides

Objectives of the regulatory intervention at use level:

- Reducing risks and impacts of the use of pesticides
  - On human health
  - On the environment
- Promoting
  - The use of Integrate Pest Management
  - The use of alternative techniques



## Sustainable use of pesticides

### Reducing risks and impacts

- Training of professional users, advisors, distributors
- Sales of pesticides by qualified persons only
- Technical inspection of farmer's spraying equipment
- Aerial spraying
  - Complete ban – derogation only under very strict conditions
- Handling and storage
  - Avoid endangering health and the environment



# Sustainable use of pesticides

## Promoting the use of Integrated Pest Management (IPM)

- IPM ≠ no pesticides
- IPM =
  - *Low pesticide input management*
  - *Consideration of all available plant protection measures*
  - *pests and diseases kept at levels which are economically and ecologically justifiable*
  - *healthy crops with least possible disruption to agro-ecosystems*
- Obligatory as of 1 January 2014
- Research co-ordinated and supported at EU level
  - Currently 10 projects under FP 7 – more are under evaluation



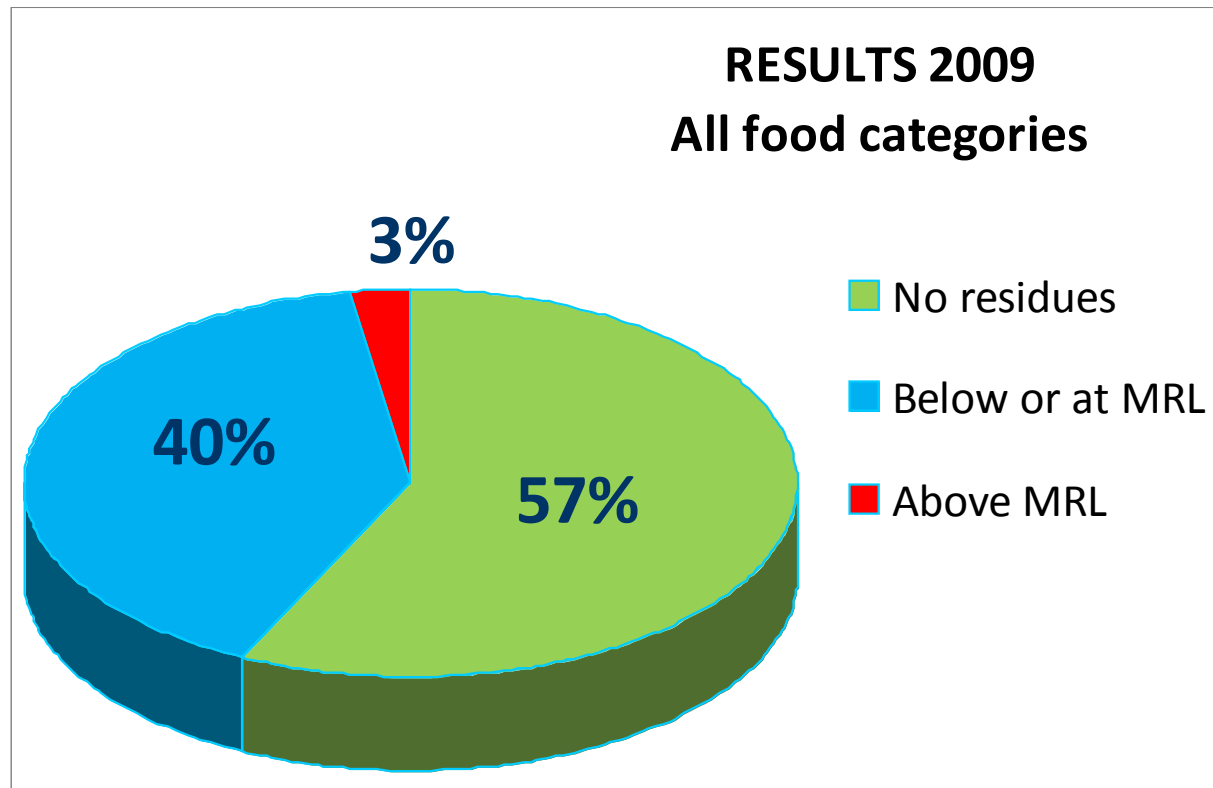
# Sustainable and responsible use of pesticides

## Promoting the use of Integrated Pest Management (IPM)

- Establishment of general principles among others
  - Preventive measures
    - *resistant varieties – crop rotation- adequate cultivation techniques*
  - Monitoring of pest and diseases
    - *field inspection – forecasting models – diagnostic tools -*
  - Threshold levels for acceptable presence of pest and diseases
  - Control: Biological, physical and other non-chemical methods, specific pesticides
- Best solution to be developed at national and regional level
  - Pest and diseases adapted to agricultural, soil and climatic conditions -
- Long term objective: IPM included in cross compliance scheme



# Maximum residue levels for pesticides



# Future work to develop our strategy

- Implementation of provisions for the approval of plant protection products
  - *Establishing criteria for endocrine disruptors (end 2013)*
  - *Identifying candidates for substitution (end 2013)*
- Sustainable use of pesticides
  - *Monitor and enforce legal transposition (ongoing)*
  - *National Action Plans of Member States (end 2012)*
  - *Implementation of IPM (January 2014)*
- Maximum residue levels
  - *Assessment of chemical mixtures (development methodology by EFSA ongoing)*
- Revision of other relevant legislation (plant quarantine, seeds)

# On-going work in area of pesticides

- New data requirements for application dossiers (soon to be adopted)
- Assessment of pesticides and impact on bee health (ongoing)
- Establishment review programmes
- Regular review of approved substances
  - up to 60 scientific assessment per year
- Updating regularly MRL legislation
- Involvement Court cases