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Environmental Risk assessment

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Trusted science for safe food

- *What's ongoing in environmental risk assessment of plant protection products?*
- *What's EFSA's approach to studies' raw data (use: how and when, consequences)*
- *EFSA plan to update Guidance documents*

Fate and behaviour

- Guidance document on protected crops  - 14 July 2015
- Guidance document DegT50  - December 2014
- The Working Document on environmental safety evaluation of MBCA  - September 2012
- Assessment of the relevance of metabolites in groundwater  - 25 February 2003
- FOCUS - Forum for the Co-ordination of pesticide fate models and their use
- Persistence in Soil  - 9188/VI/97  - 12 July 2000
- Working Document on Evidence Needed to Identify POP, PBT and vPvB Properties for Pesticides  - November 2012

Ecotoxicology

- Risk assessment for birds and mammals: EFSA guidance document - EFSA Journal 2009; 7(12): 1438
- Risk assessment for birds and mammals: Joint working group report on the birds and mammals guidance document  - 31 July 2009
- Aquatic Ecotoxicology  - 5 January 2015
- Terrestrial Ecotoxicology  - 17 October 2002
- Risk assessment for birds and mammals  - 25 September 2002

*Risk assessment of plant protection products on bees (Apis mellifera, Bombus spp. and solitary bees).
Default Q10 value to describe the temperature effect on transformation rates of pesticides in soil*

WORKPLAN2019_ FATE and ECOTOX



ority

Assessment of about 50 active substances

Endocrine Disruptors process

EFSA Guidance on completing risk assessment for active substances that have isomers

Revision of the EFSA Guidance on Risk assessment for Birds and Mammals

Data collection in support of the Endocrine Disruption (ED) assessment for non-target organisms

Guidance on non-target terrestrial organisms

Environmental risk assessment for metals used as pesticides

Revision of aquatic guidance

Statement on the state of the science of pesticide risk assessment for bats

MUST-B : EU efforts towards the development of a holistic approach for the risk assessment on MULTiple STressors in Bees

BEE mandate

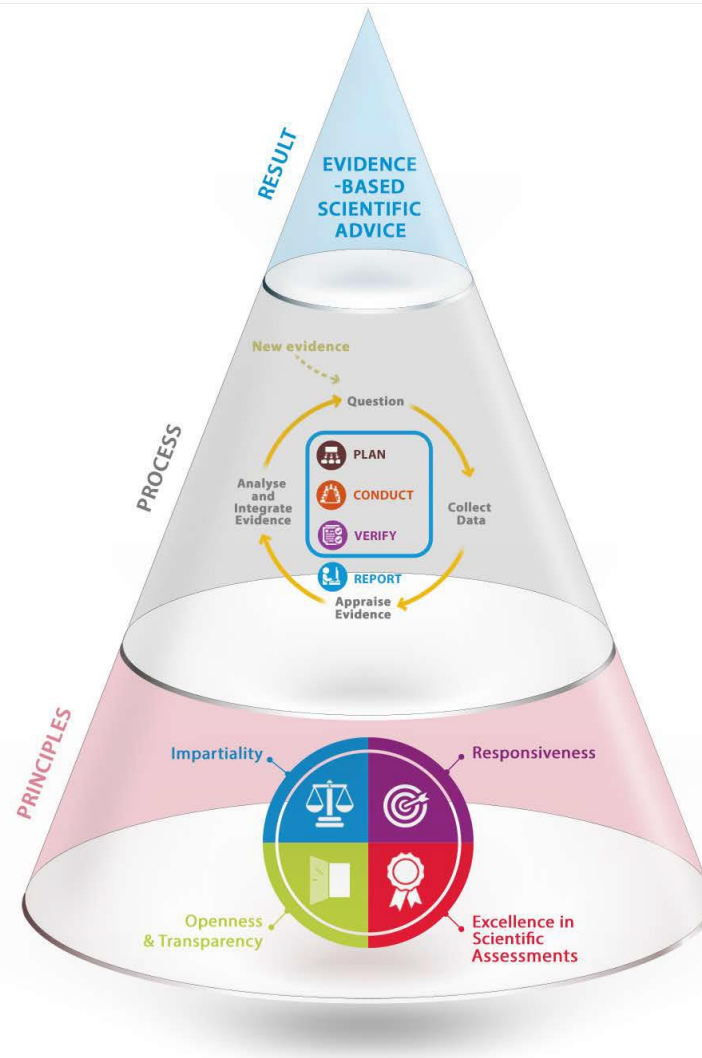
Guidance Document for predicting environmental concentrations of active substances of plant protection products in soil

Repair action of the FOCUS surface water scenarios

HOWEVER.....

- **Planning impacted by many factors**
- **Discussion ongoing with EC on a long term planning of revision and preparation of guidance with a consequential approach based on priorities**

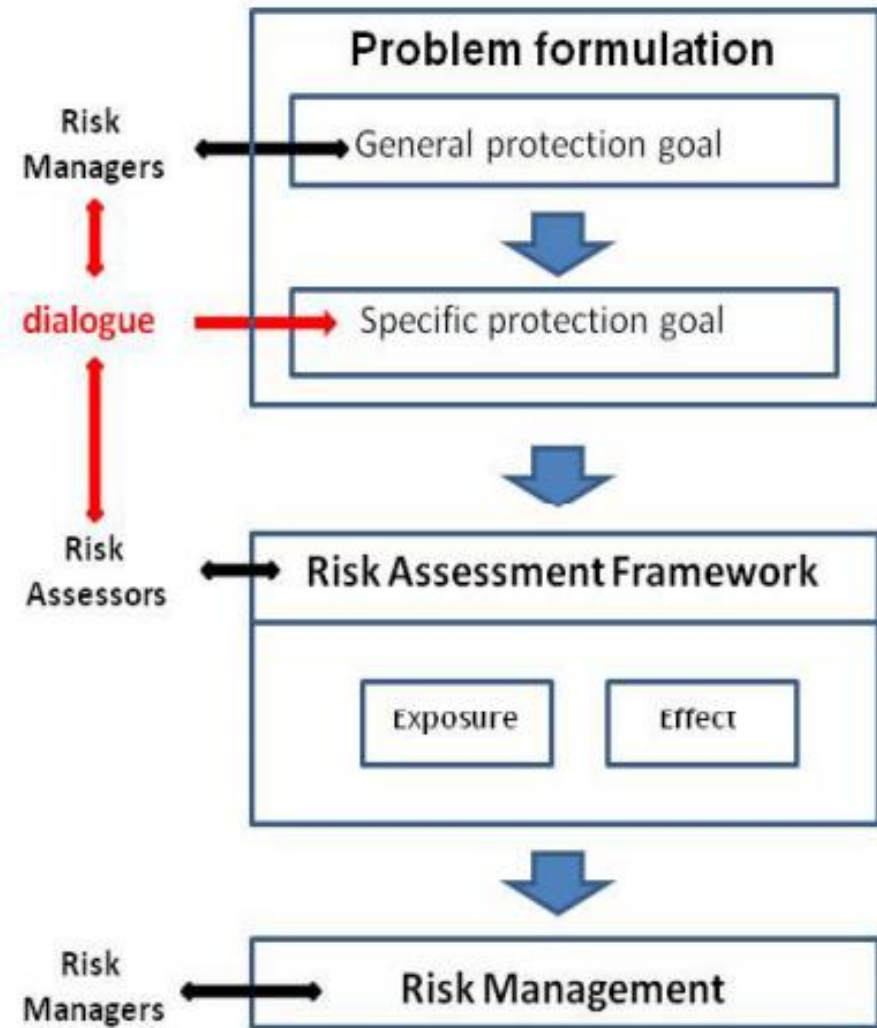
- How to get (RAW) data?
- Call for data
- Procurements for data collection
- Spontaneous submissions
- Systematic literature search



Can EFSA cover everything?

Specific Protection Goals

- The definition of ecosystem services enables systematic and transparent assessment of all SPG options, useful communication tool with risk managers, stakeholders and public
- Trade-offs are visible (environmental impact vs benefit)
- **Decision is for Risk Managers**
- Dialogue important





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