

The Model of Integrated Monitoring of Pesticides - IMP



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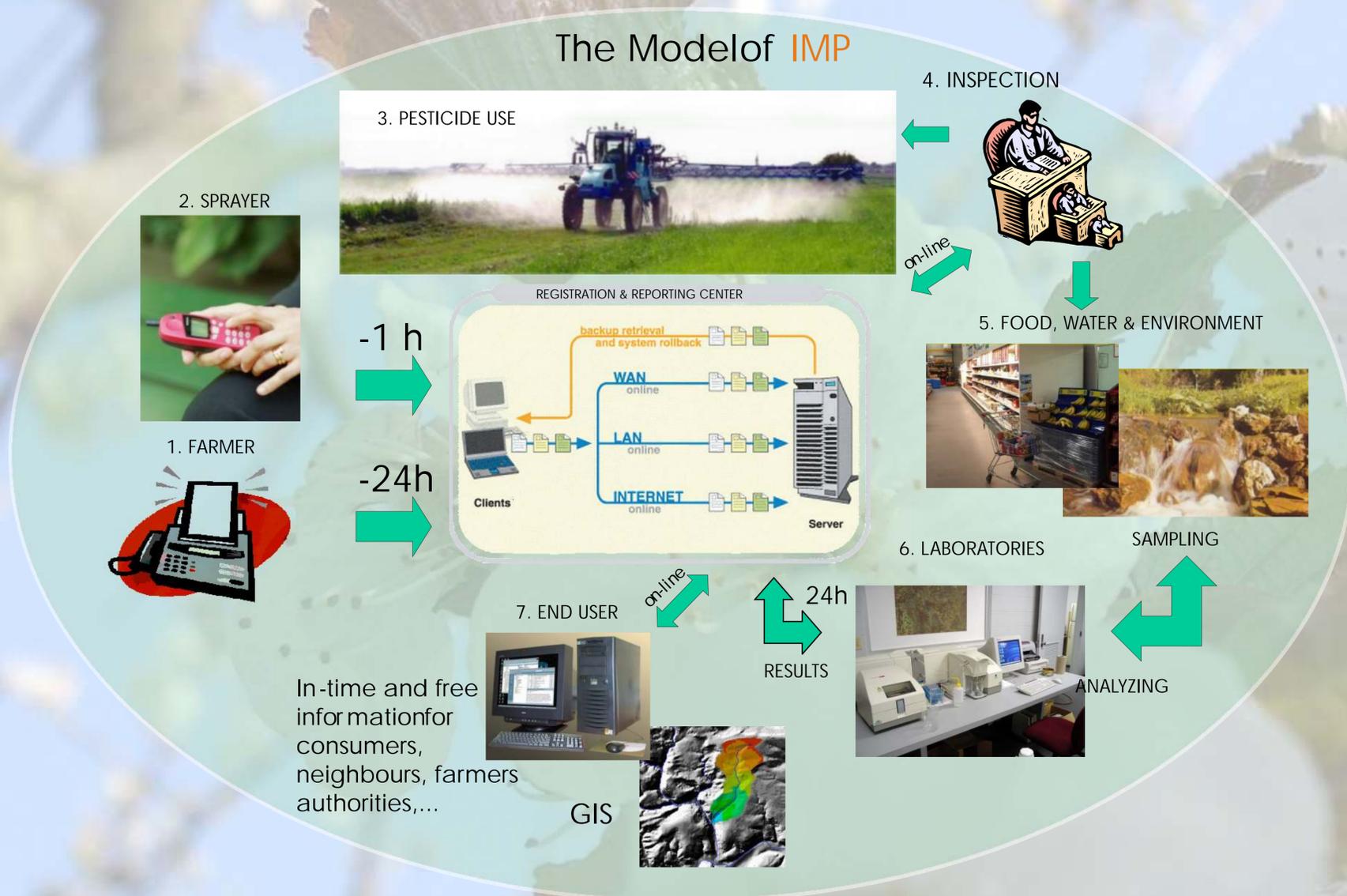
Pesticides monitoring - Where is the problem ?

- in Slovakia, there is about 600 different pesticides registered = 300 different active ingredients
- there is a very limited budget for pesticides monitoring, analyses are expensive (more than 100€ each)
- none or a lack of relevant data on pesticides (residues) in real time
- inflexibility of monitoring/control system (time, place, kind)

These conditions lead to a situation where:

- controlling body is practically unable to objectively and effectively monitor pesticides´ residues in environment/food, no relevant and/or address action is possible,
- inhabitants are not informed,
- "polluter pays principle" cannot be enforced, improvement of farmers´ practice and minimizing the negative impact of pesticides is practically impossible.

Many problems could be solved by the reorganization of existing capacities towards: a good pesticide-cycle inventory, flexible reporting system, on-line information exchange and its transparent presentation by the Integrated monitoring system of pesticides (IMP).



The IMP supported by the self-financing system will offer a maximal effectiveness of controls, sufficient financing, application of the "polluter pays principle"... and will open principal possibilities to minimize the negative impacts of pesticides.

The Self-financing system means the implementation of „polluter pays principle“ executed together with a strict state, independent advisory, control and training. Financial independence is based on registration, certification and licensing fees as well as pesticides tax/fee, which provide for necessary means. Good examples from different states (Denmark, California...) show, that such approach is possible and enable to optimize pesticides use and control.



Our IMP model, thanks to correspondents, drawn on the pesticides reporting/monitoring systems in European countries like: UK, Germany, Holland, Sweden... but primarily on the Californian PUR system of "Pesticides use report", which is administrated by the California **Department of Pesticide Regulation** (www.cdpr.ca.gov).

Project partners :

The Technical University in Zvolen-Slovakia, Faculty of Ecology and Environmental Sciences, Department of Environmental Engineering (KEI); The Slovak Water Research Institute (VUVH) - National Water Reference Laboratory, Department for Organic Trace Analysis; Slovak NGOs: OIKOS (with student support) and CEPTA.

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