

# Innovation for IPM: new approaches, tools and emerging technologies

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## The situation at the beginning of ENDURE: a paradox

- Often excellent and innovative research related to the IPM issue, but lacking multidisciplinary and system approach
- Long-established concepts (IPM, ICM, PRM)
- Some field scale validation

European agriculture at large has become highly dependent on chemical pesticides



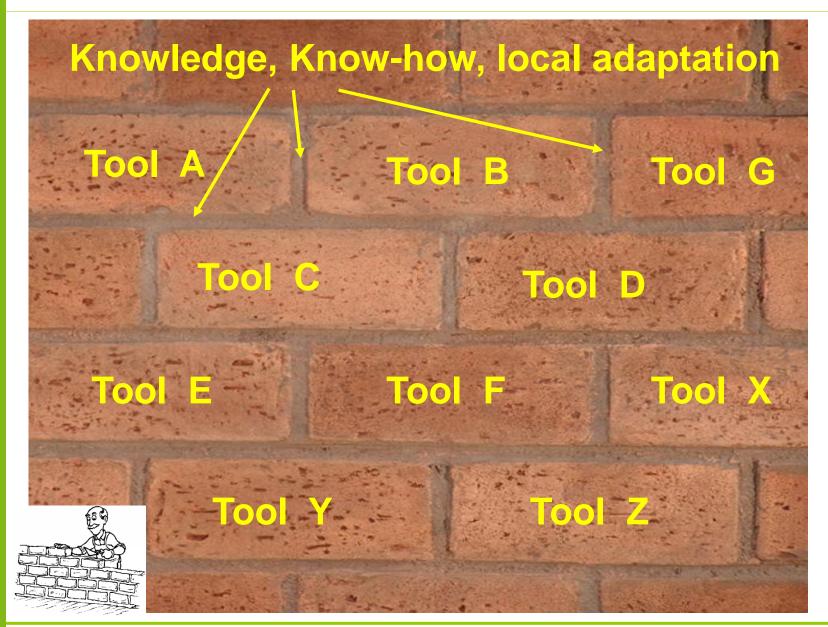
### More innovation in IPM is needed

# Innovation:

- requires research as well as organisation and management
- is influenced by social and economic factors
- research has to be better translated into innovation at farm and landscape level
- little information on the effects of combined tools
- IPM: based on general principles locally adapted



## The IPM wall .....





### Panel discussion – Innovation for IPM: new.....

Title of the presentation	Speaker
Introduction	M. Sattin
Innovative diagnostic tools and precision spraying	C. Zijlstra
Can we have user friendly DSS, especially for weed control?	P. Rydhal
Microbioal Biocontrol Agents (MBCAs) as tools for IPM implementation	M. Ruocco
Exploitation and management of plant genetic resistance as key elements of durable IPM	CE. Durel
The potential of landscape management in IPM	C. Lavigne
Recap and debate	All + audience
ENDURE's virtual laboratory and associated research tools	I. Denholm

