

Web-tool for modelling farm income

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Motivations and challenges

GOAL

Web-based, farm-to-farm tailored short run income forecast for different farming structure (including adjusted direct payments)

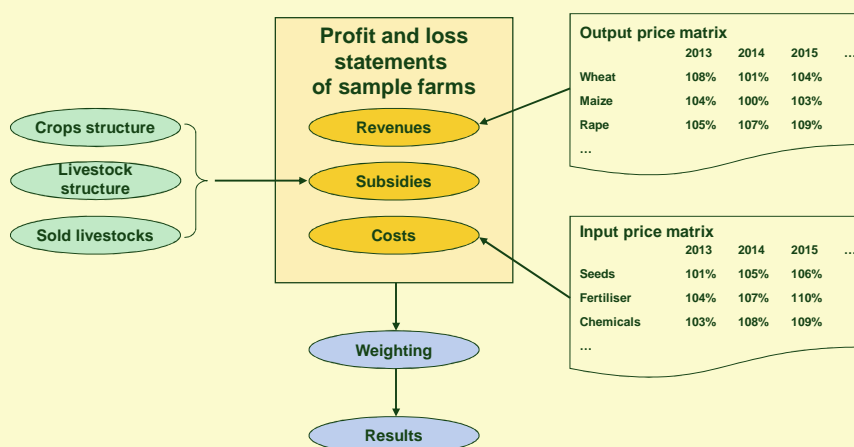
Challenges

- *Minimize inputs from the user*
- *Maximize flexibility (personalize)*

History and backgrounds

- Web-tool for subsidy calculator (☞ Paciola 20)
 - More than 15000 on-line consultancies
 - Revealed questions and problems

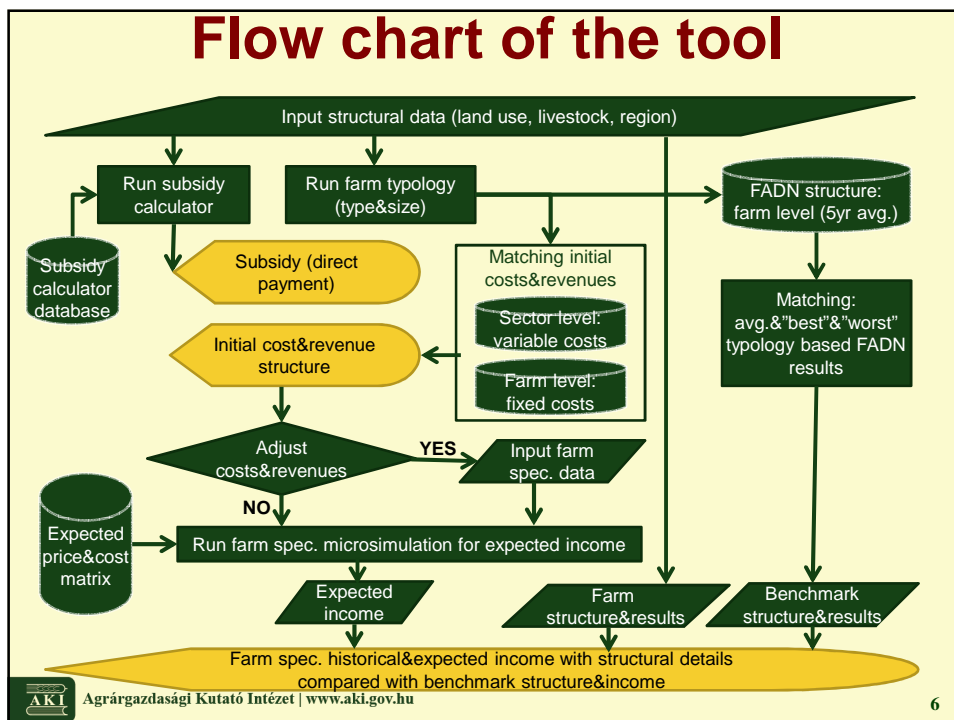
The FADN model (Microsim)



Functionality

- Flexibility of data input (default=FADN)
 - structural (crops&livestock)
 - financial (cost&revenues)
- Include alerts arise from CAP direct payment rules (from DP calculator)
- Compare different scenarios
- Compare results with average FADN (farm type and size specific) results

Flow chart of the tool

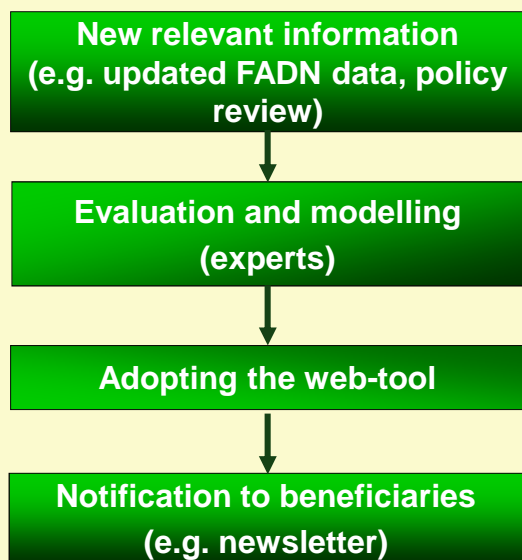


Output structure for a specific structure within a given type and size group

Description	Unit	Farm data	FADN avg.	Avg. of FADN best 25%	Avg. of FADN worst 25%	FADN avg. 2013	FADN avg. 2014
Farm size (SO)	tHUF/farm						
Revenue	tHUF/ha						
Direct subsidies	tHUF/ha						
Total output	tHUF/ha						
Material costs	tHUF/ha						
Paid wage	tHUF/ha						
Depreciation	tHUF/ha						
Total costs	tHUF/ha						
Profit before tax	tHUF/ha						
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Lifecycle of the tool



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Possible future extensions

- Include alerts for extreme structural configurations
- Indicate investment needs and opportunities