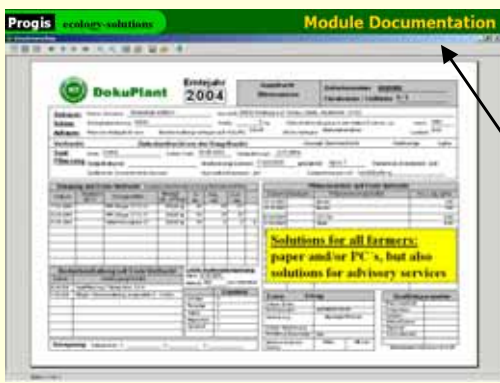


An integrated rural solution

Progis ecology-solutions	1. Documentation & Geo-traceability	pp 88-95
Progis technology	2. EU subsidy claims	pp 88-95
Progis geo-INT/Information	3. Nutrient balance / recommendation	pp 88-95
Progis ecology-solutions	4. Field profit margin calculation	p
Progis pipeline-solutions	5. GIS and thematic mapping	pp 88-95
Progis smart-community	6. Logistics	p
Progis web-solutions	7. Precision Farming	p
	8. Virtual Farming	pp 100-105
	9. Environment rural area planning	pp 88-95
	10. GIS and thematic mapping	pp
	11. Forestry	pp 88-95
	12. Smart communities	pp 88
	13. Pipeline management (water,...)	pp 88-97
	14. Sensor integration (meteo,...)	

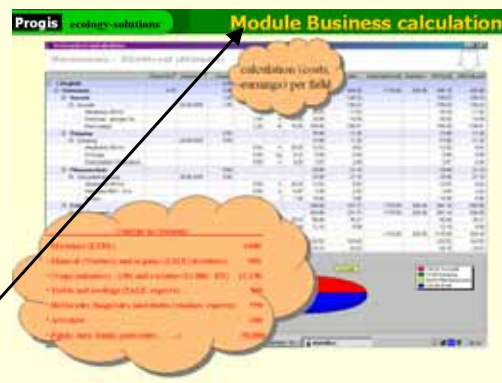
pp = public print
88 = last
05 = valid from 03.01.2005

Module Documentation



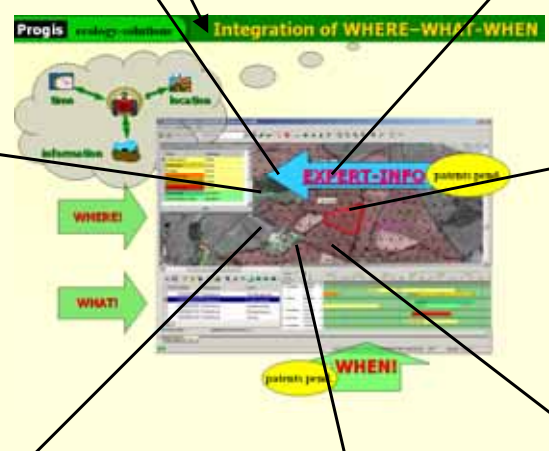
Solutions for all farmers:
paper and/or PC, but also solutions for advisory services

Module Business calculation



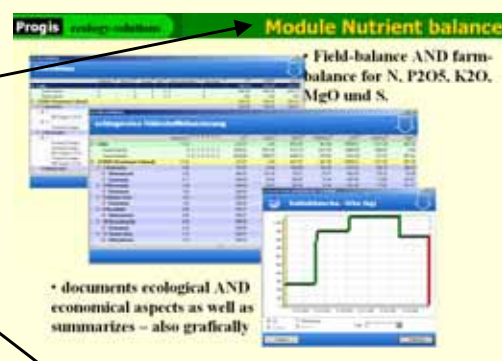
calculation costs, earnings per field

Integration of WHERE-WHAT-WHEN



WHERE! WHAT! WHEN!

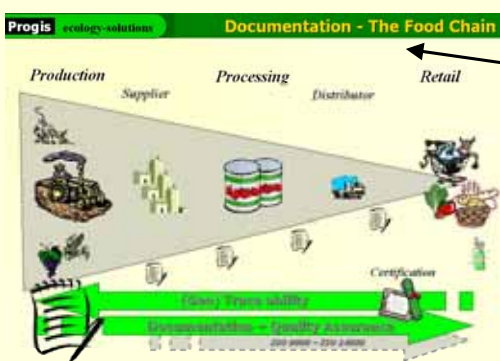
Module Nutrient balance



Field-balance AND farm-balance for N, P2O5, K2O, MgO und S.

documents ecological AND economical aspects as well as summarizes - also grafically

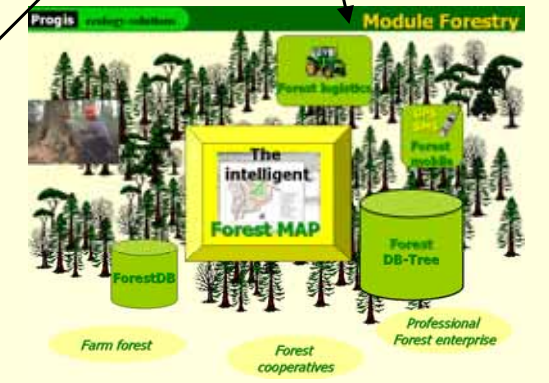
Documentation - The Food Chain



Production Supplier Processing Distributor Retail

Traceability - Quality Assurance

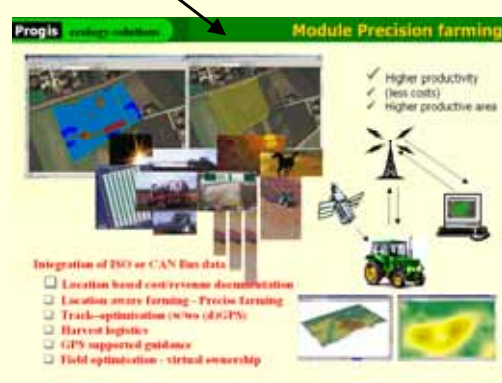
Module Forestry



The intelligent Forest MAP

Farm forest Forest cooperatives Professional Forest enterprise

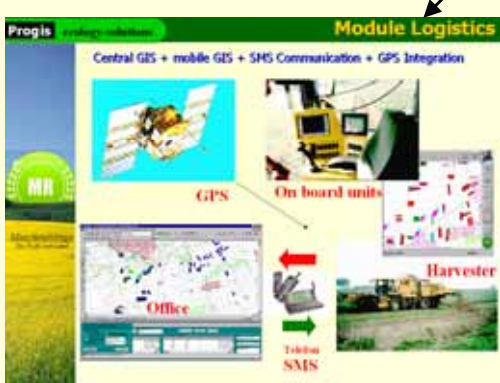
Module Precision farming



Higher productivity (less costs)
Higher productive area

- Integration of ISO or CAN Bus data
- Location based cost/revenue documentation
- Location aware farming - Precision farming
- Track-optimization (w/o GPS)
- Harvest logistics
- GPS supported guidance
- Field optimization - virtual ownership

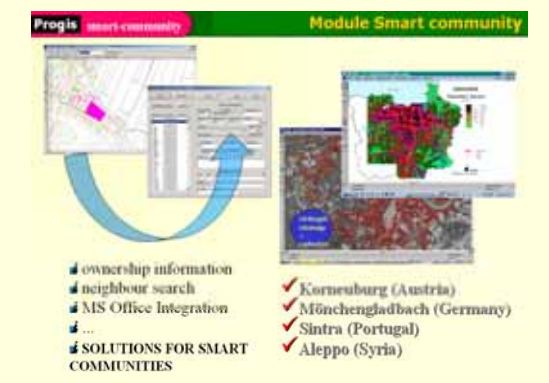
Module Logistics



Central GIS + mobile GIS + SMS Communication + GPS Integration

GPS On board units Office Harvester

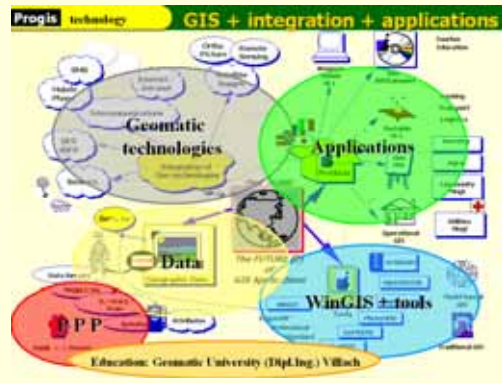
Module Smart community



ownership information
neighbour search
MIS Office Integration
...
SOLUTIONS FOR SMART COMMUNITIES

Korneuburg (Austria)
Mönchengladbach (Germany)
Sintra (Portugal)
Aleppo (Syria)

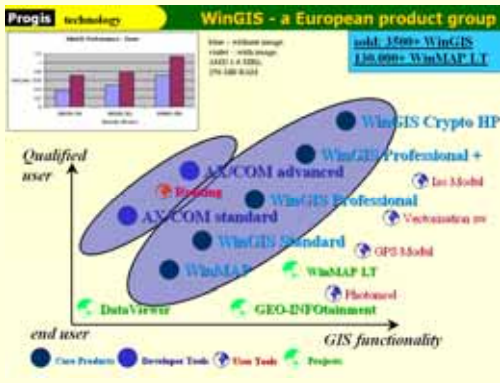
GIS + integration + applications



Geomatic technologies Applications Data WinGIS + tools

Education: Geomatic University (Dipl.-Ing.) Völsch

WinGIS - a European product group



WinGIS Crypto HP
WinGIS Professional +
WinGIS Professional
WinGIS Standard
WinGIS LT

Qualified user
end user

GIS functionality