Progis ecology-solutions

Progis web-solutions

Progis technology

Progis geo-INFOtainment

Progis pipeline-solutions

Progis smart-community

PROGIS – integral solutions

e-Content @work - working group

Walter H. MAYER,
CEO, PROGIS AG, A

econtent plus - preparing

Feb 9.-10.2006, PRAG, CZ

GEOINFORMATION - THE EUROPEAN GIS BUSINESS DIMENSION

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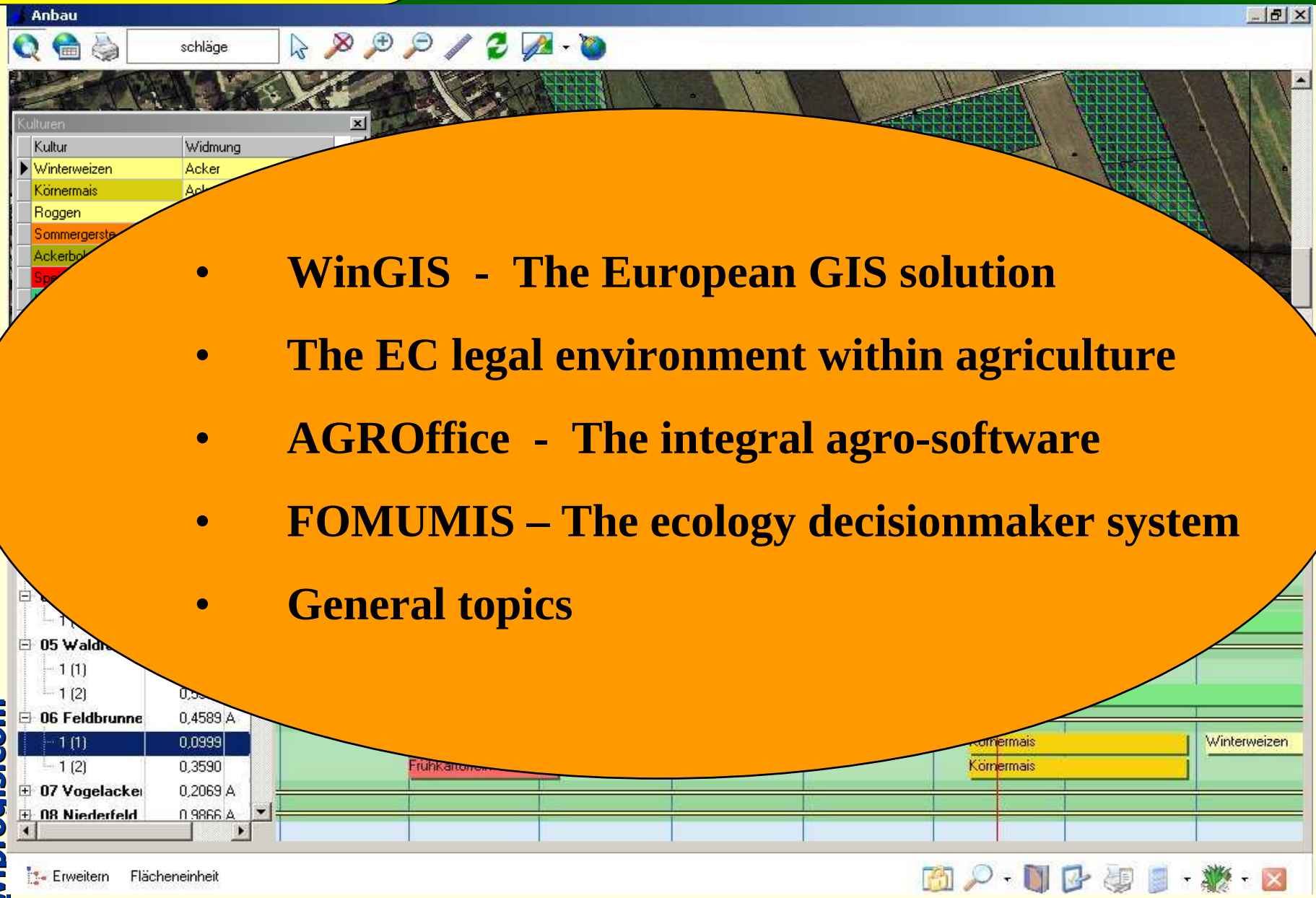
WinGIS/AGROffice – European solutions



- **WinGIS - The European GIS solution**
- **The EC legal environment within agriculture**
- **AGROffice - The integral agro-software**
- **FOMUMIS – The ecology decisionmaker system**
- **General topics**

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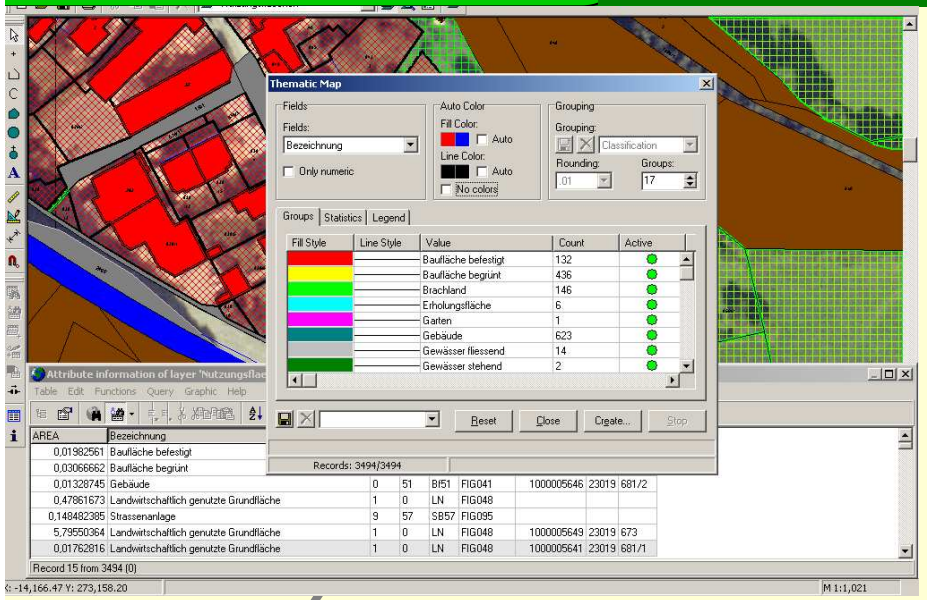
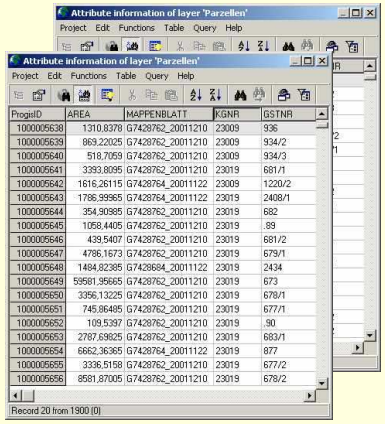
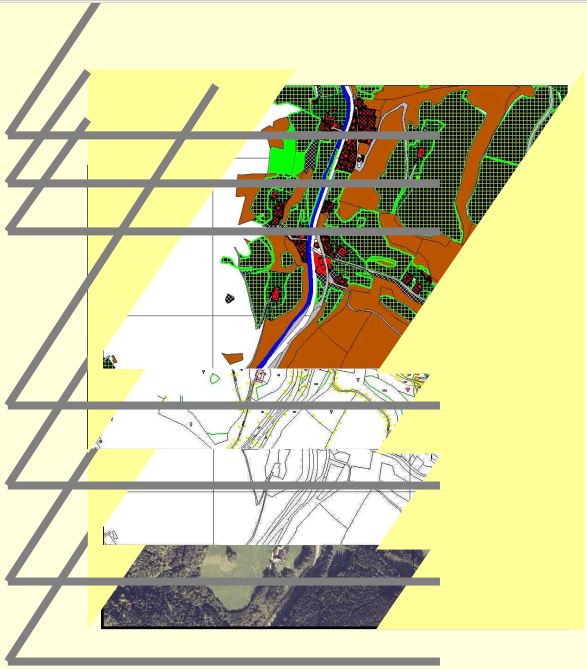
WinGIS – design



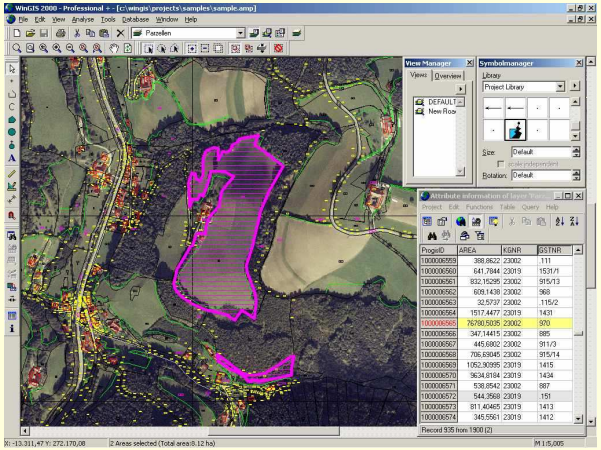
DDE - AX - COM



✓ database



- ✓ vehicles
- ✓ areas
- ✓ landuse
- ✓ landplots
- cadastre
- orthoimage



✓ GIS application

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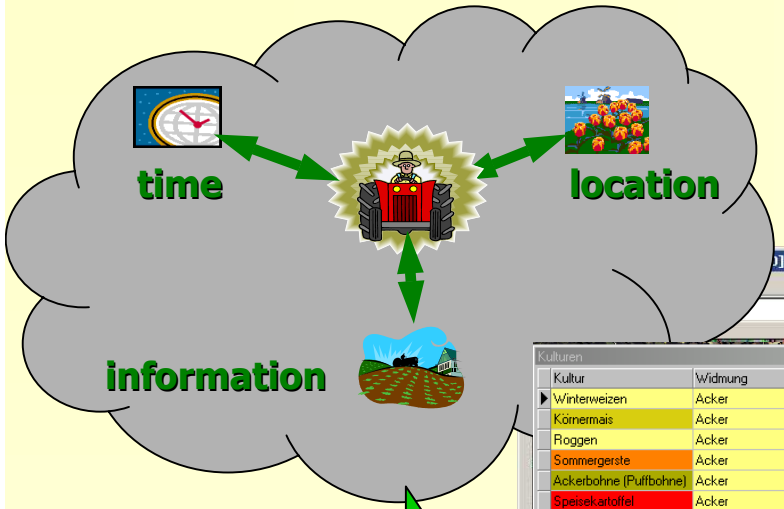
Integration of WHEN and EXPERT MODEL



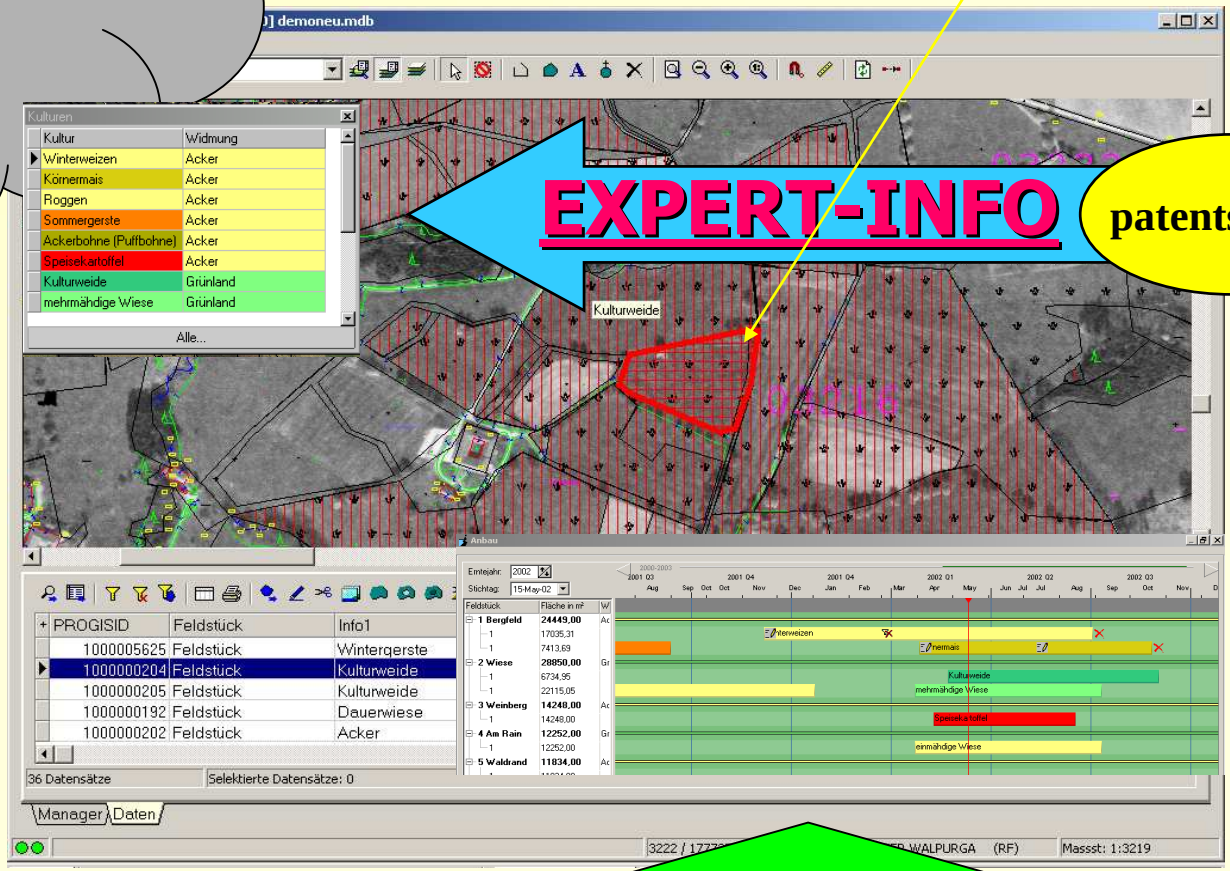
UNIQUE AREA ID

EXPERT-INFO

patents pend.

WHERE !

WHAT !



WHEN!

patents pend.

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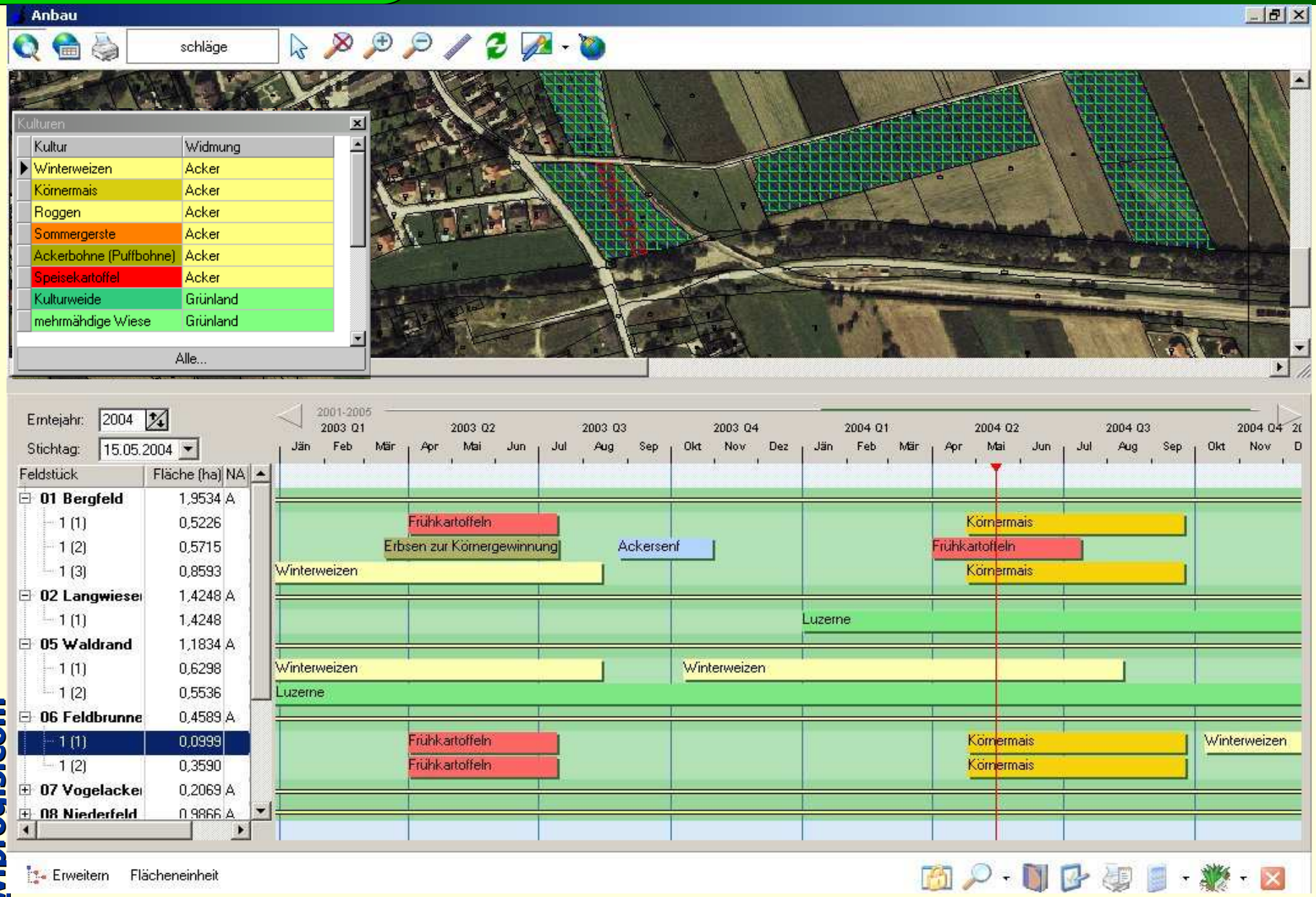
WinGIS & AGROffice & DokuPlant



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The target - The rural area

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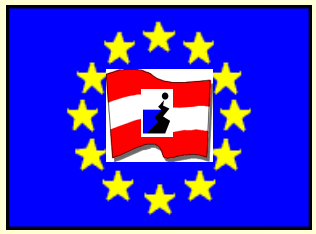


EU and national legislation !

AGROffice



Forest Office



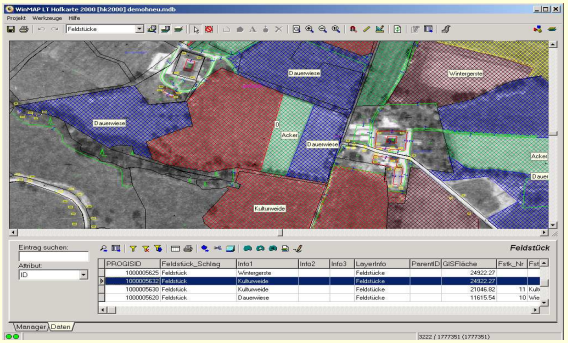
Pipeline Office

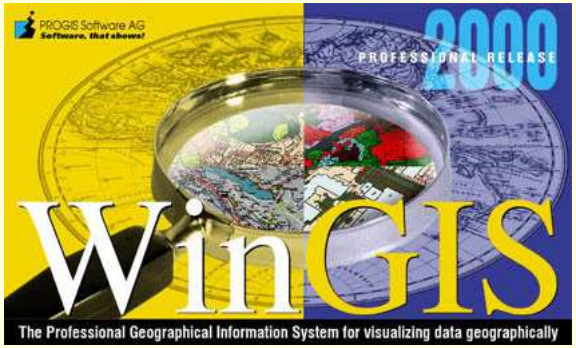


Comunity Office



WinGIS + applications for rural area management !





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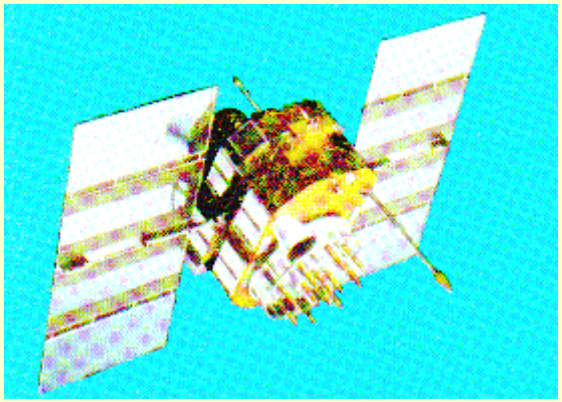
Module: Logistics

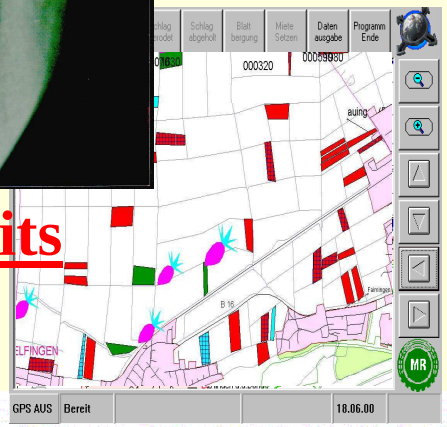
Central GIS + mobile GIS + SMS Communication + GPS Integration

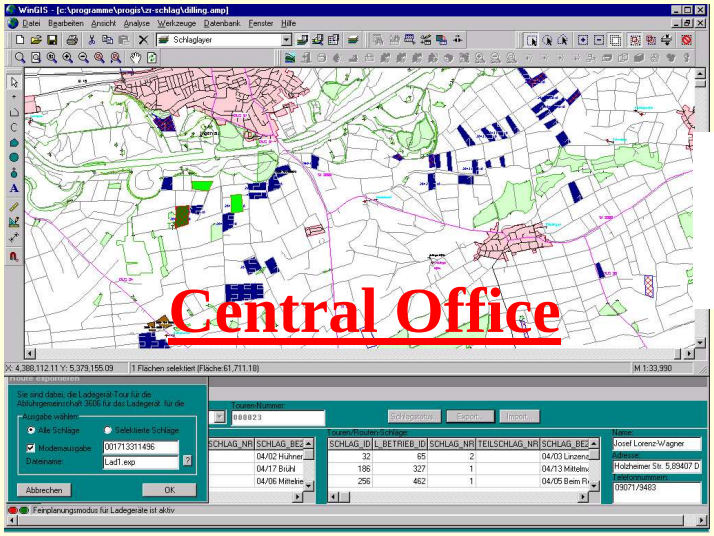


GPS



On Board Units





Central Office





Harvester

fon
SMS/GPRS/UMTS

Maschinenringe
Die Profis vom Land

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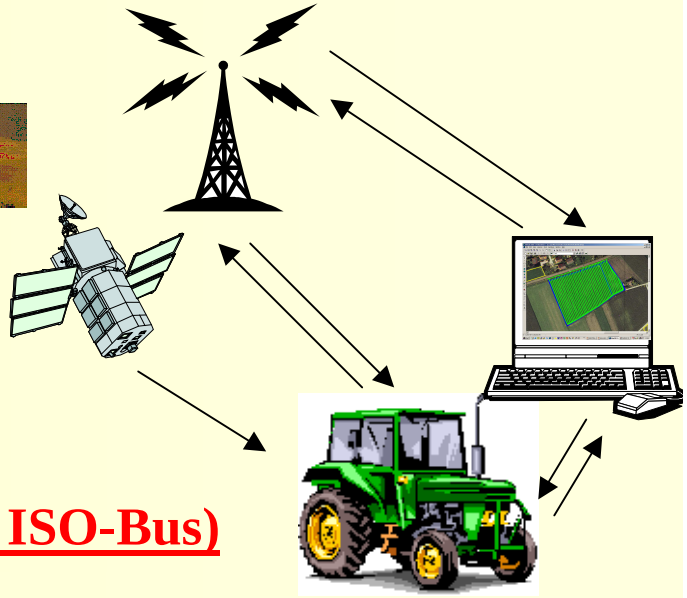
Module: Precision farming

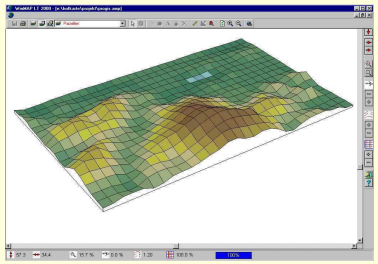


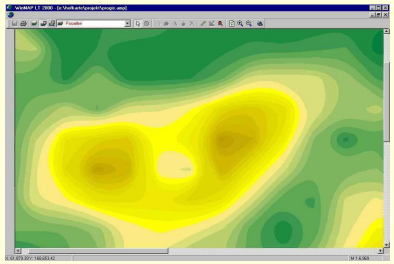
- ✓ Higher productivity
- ✓ less costs
- ✓ larger productive area



Tools like AO + Isolining, machine interface (CAN-, ISO-Bus)

- ❑ **Location based cost/revenue documentation**
- ❑ **Location aware farming - Precise farming**
- ❑ **Track–optimisation (w/wo (d)GPS)**
- ❑ **Harvest logistics**
- ❑ **GPS supported guidance**
- ❑ **Field optimisation**
- ❑ **New virtual ownership models**





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User groups - integration

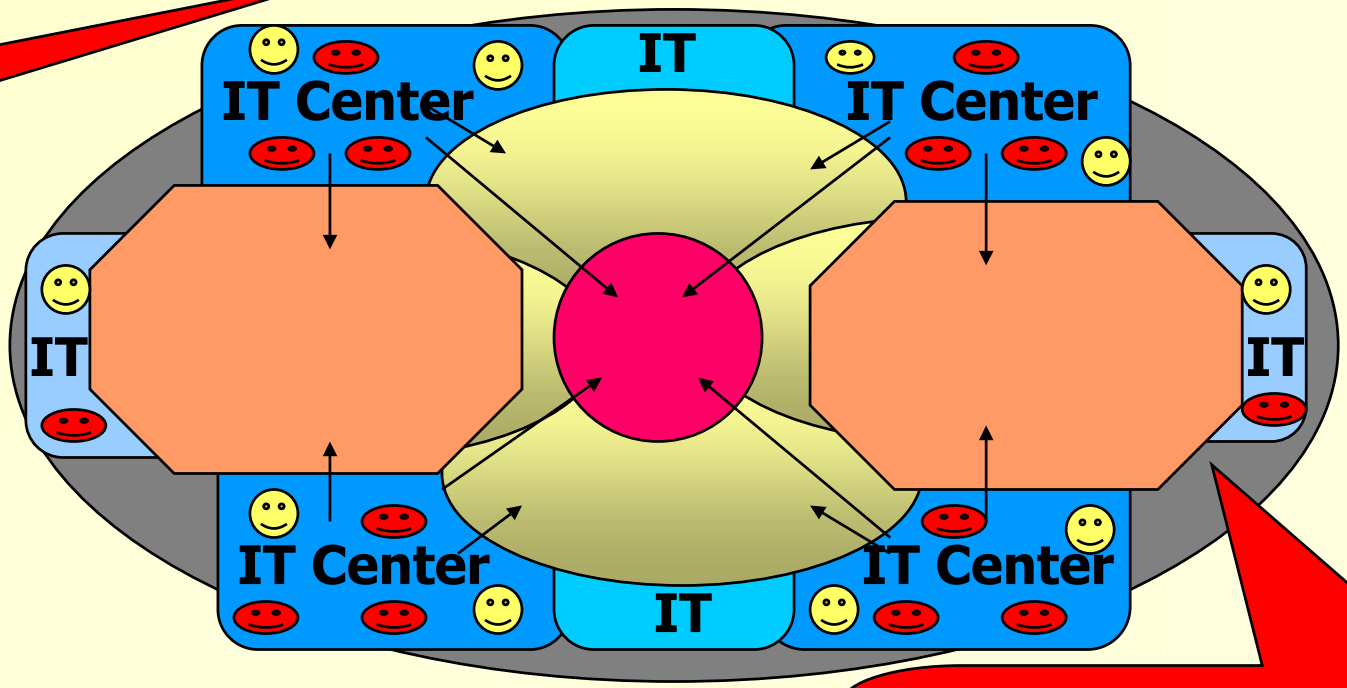
State / region / country

Agroproducts – buyer / seller

Regional partner´s IT centers collect data of all farmers – GEOCOMPETENCE CENTRE

Certification co. (EUREPGAP, TÜV,SGS, Q&S etc.) – Group certification

With the farmers ok!



When the farmer is owner of the ground, he also must stay owner of the information of his ground!

Farmers with PC and AGROffice or DokuPlant LT

Farmers use advisory services / regional partners

Government units, agro-banks, insurances, chambers, communities, waterorganisations, cooperatives, ...etc.

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Thanks

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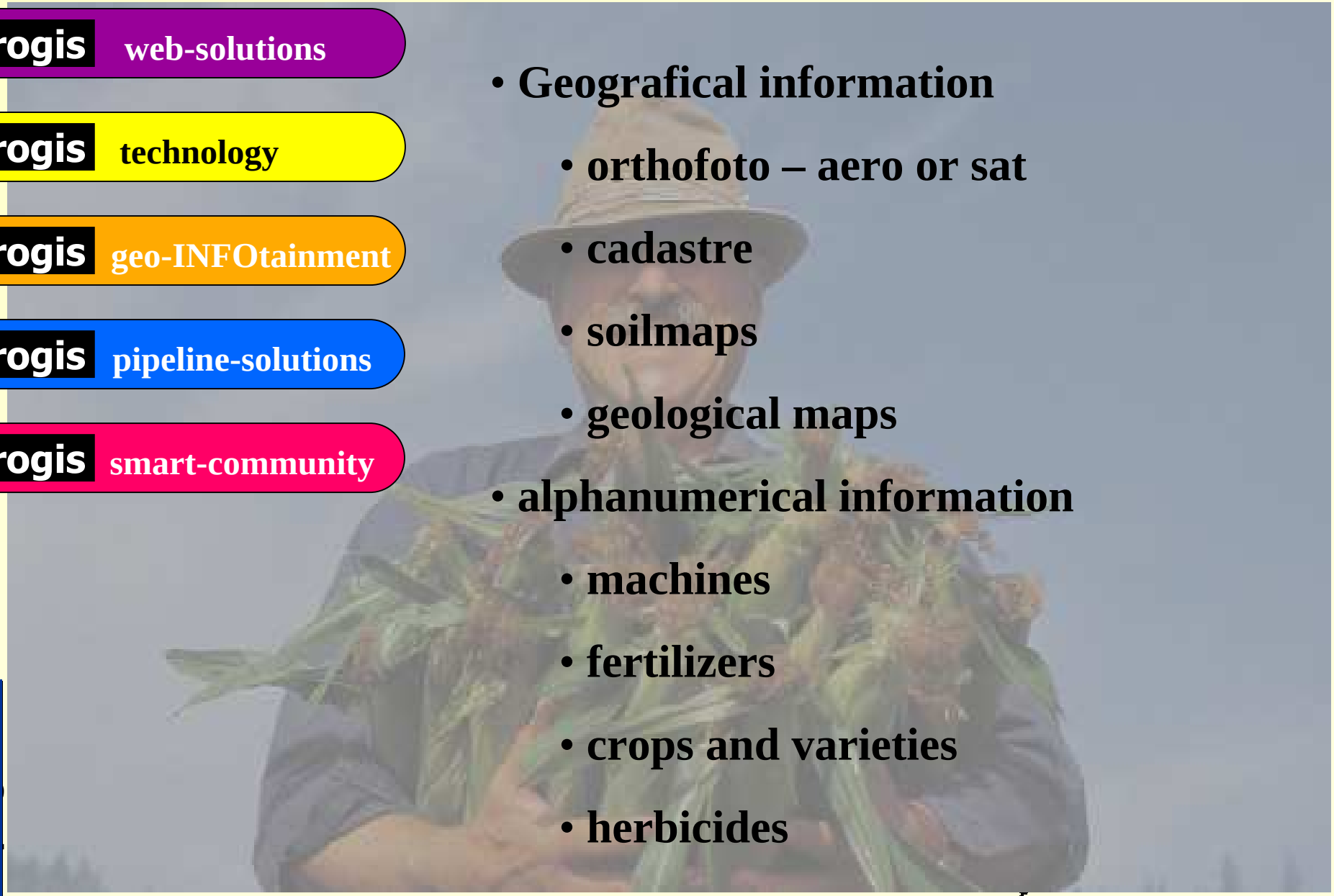

- Geografical information
  - orthofoto – aero or sat
  - cadastre
  - soilmaps
  - geological maps
- alphanumerical information
  - machines
  - fertilizers
  - crops and varieties
  - herbicides

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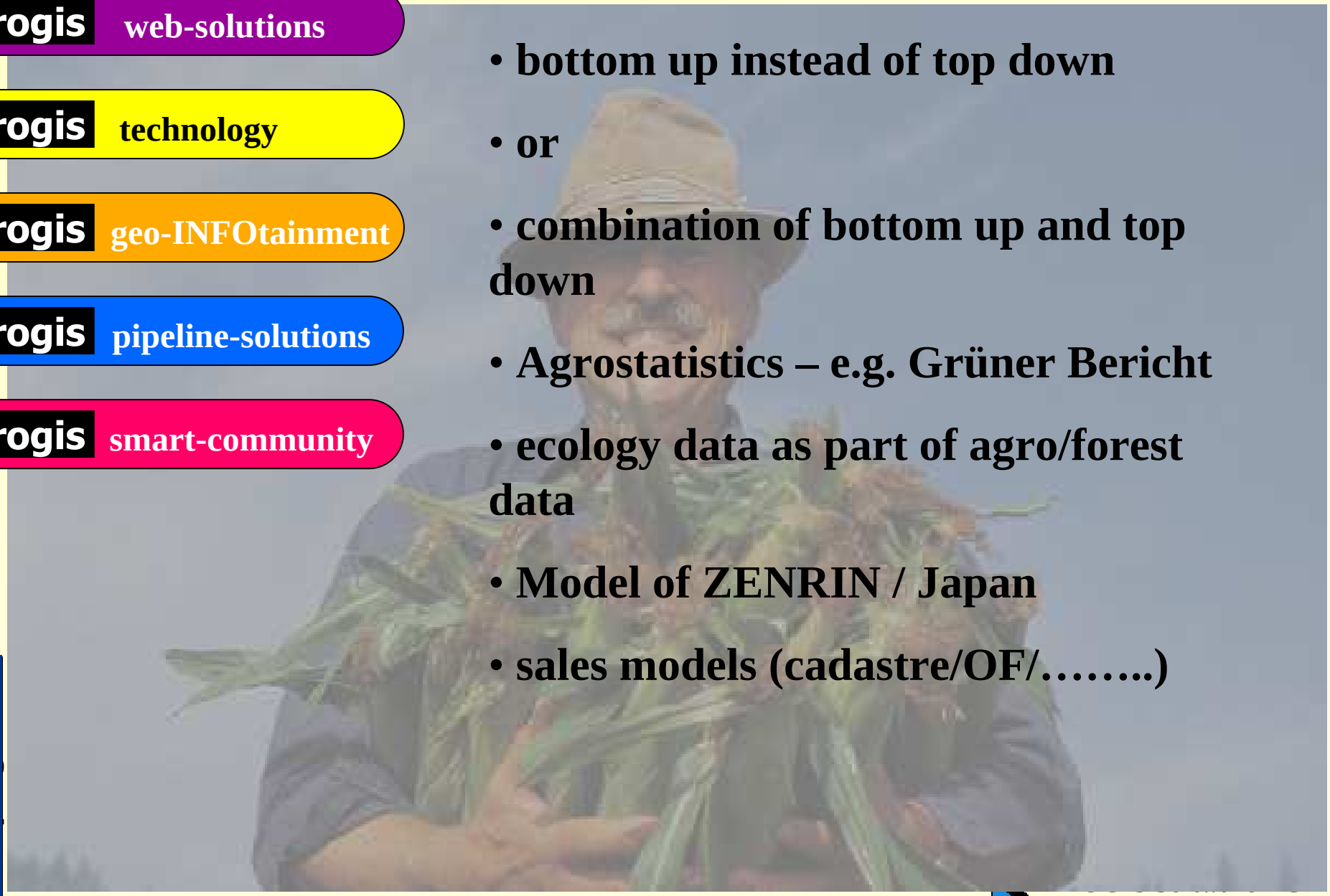

- bottom up instead of top down
- or
- combination of bottom up and top down
- Agrostatistics – e.g. Grüner Bericht
- ecology data as part of agro/forest data
- Model of ZENRIN / Japan
- sales models (cadastre/OF/……..)

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Thanks



- Google as map supplier
  - double precision !!!

- **e-content plus**
  - A, CZ, H, SK

- **e-content working group**
  - EU(25) +

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WinGIS - software that shows !

Thank You!

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