

AMNOS limitations

Data insertion into AMNOS is done in the office, although data collection and its utilization by the farmers, is done "on the field" (i.e. the barn or the parlour)

This way the same task is conducted twice.

Thus, omissions, errors, even complete loss of valuable information may occur.

AMNOS Mobile®: Exploiting handheld computers in efficient sheep recording

AMNOS-mobile®:
The next step

The use of handheld computers allows the automated input of data into the dairy sheep management system.

Through proper interfaces, users may monitor the state of each parlor/barn easily and update it, according to their synchronous state.

Data flow control hinders users from inserting erroneous data.

Synchronization of the main AMNOS database is performed in an automatic and untroubled manner, just by 'docking' the PDA.

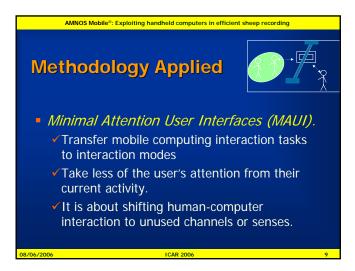
This is the reason for adopting Pocket PCs and for designing and implementing AMNOS-mobile®.

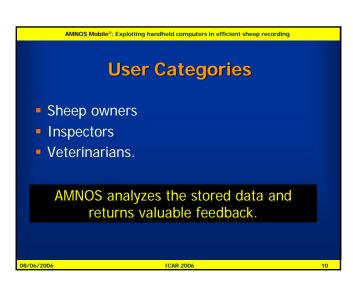
Implementation Technologies

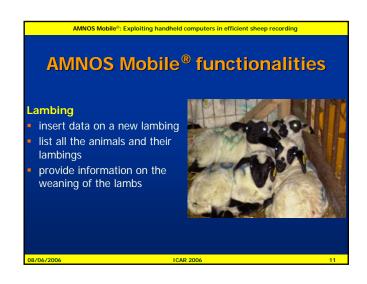
DOT.NET Framework (Visual Basic 6.0)

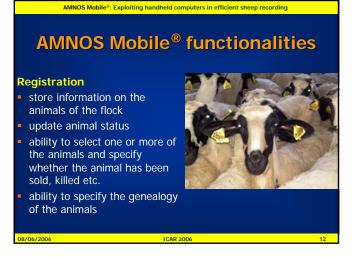
SQL Server CE 2.0

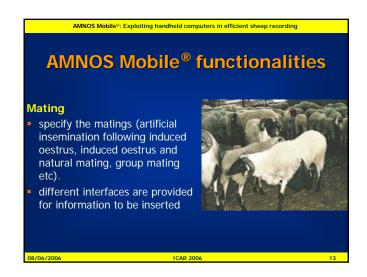
PDA synchronisation

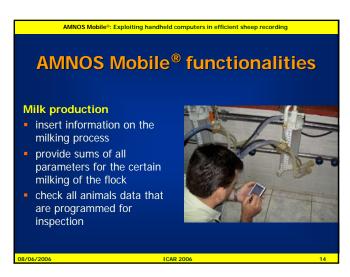


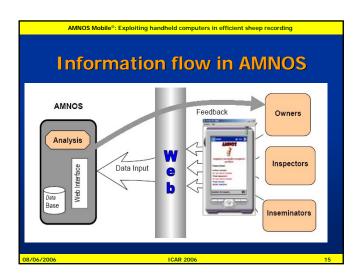












Conclusions

Reduction of workload, since the existence of handwritten notes and their insertion into a central database doubles the work. In case any corrections are required, this process stalls even more.

Formation of interactive input and real exploitation of the output information

Efficient handling of data quality and data integration issues.

Conclusions

On-site data validation.

Standardization of the reporting process, in order to avoid many-page printed reports with redundant information and difficult interpretation.

Low implementation and scaling costs

