FADN IN LATVIA

INGA VEINBERGA-GRĀVLEJA
Agrobusiness Information and Analysis Division
Institute of Agricultural Resources and Economics

Institute of Agricultural Resources and Economics (AREI)

Headquarter and central administration in Riga

3 research centres:

- Economics Research Centre,
- Priekuļi Research Centre,
- Stende Research Centre

Organizational structure of FADN

Functions of **Latvian FADN Liaison Agency (AREI)**

- Design of Selection plan
- Calculation of Standard Output (SO) coefficients
- Maintenance of FADN online system
- Improvement of Data quality tests
- Detailed data check
- FADN system users management
- Integration of farms subsidy data in the system and data consistency checking
- Conversion, uploading and data checking in EU FADN database
- Feedback – Standart Results per holding: My farm/Average farm
- Publication of results *http://sudat.lv*

Functions of **Latvian Rural advisory and Training center (LLKC)**

- Recruitment of FADN holdings
- Collection of farms structural and financial data
- Data input in *http://sudat.lv* database
- Data checking and correction
- Assistance to external users in data entering and checking
- Feedback production

FADN in LATVIA

Economic size threshold 4 000 EUR (2 ESU)

Sample size 1000 agricultural holdings,

Stratified random sample, 3 selection criteria:

- 5 regions,
- 9 types of farming,
- 6 economic size classes

Development of FADN in LATVIA

Started to develop in 1996, based on 222 LLKC bookkeeping farms

- Data consistency checks (for FADN needs),
- SGMs from LLKC, Farm typology applied for classification by type of farming and economic size,
- Simple averages;

Farm sample 1999, based on FSS data and annual statistical reports from statutory companies

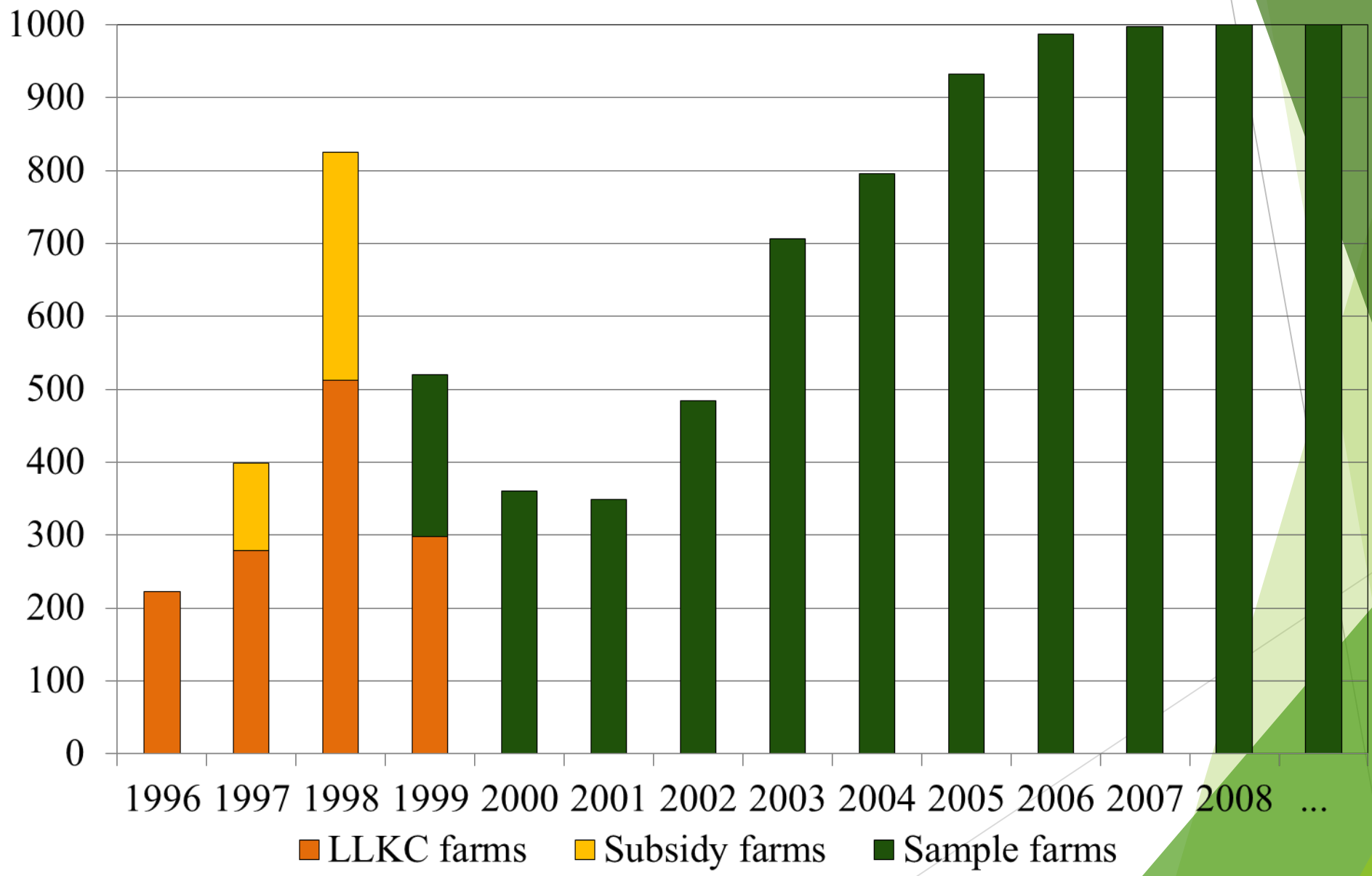
- SGMs adjusted by CSB, EAA data (yields, prices), livestock groups in line to EU requirements,
- Farm typology applied for classification by type of farming and economic size;
- Sample by three criteria: region NUTS3, type of farming, economic size;

FADN 1999 - 520 farms: 222 sample farms, 298 LLKC bookkeeping farms;

FADN 2000 - 360 sample farms, weighted averages;

FADN 2001, 2002 – sample farms, weighted averages based on census data

FADN in Latvia



FADN information system

1997-2007 EXCEL, ACCESS:

- General data of farms and current year data stored separately,
- Data of each year stored separately,
- Data input, validation, processing and maintenance time-consuming,
- Insufficient validation during data input, limited data tests according FADN requirements,
- Users involved in data processing must have specific technical knowledge

FADN information system

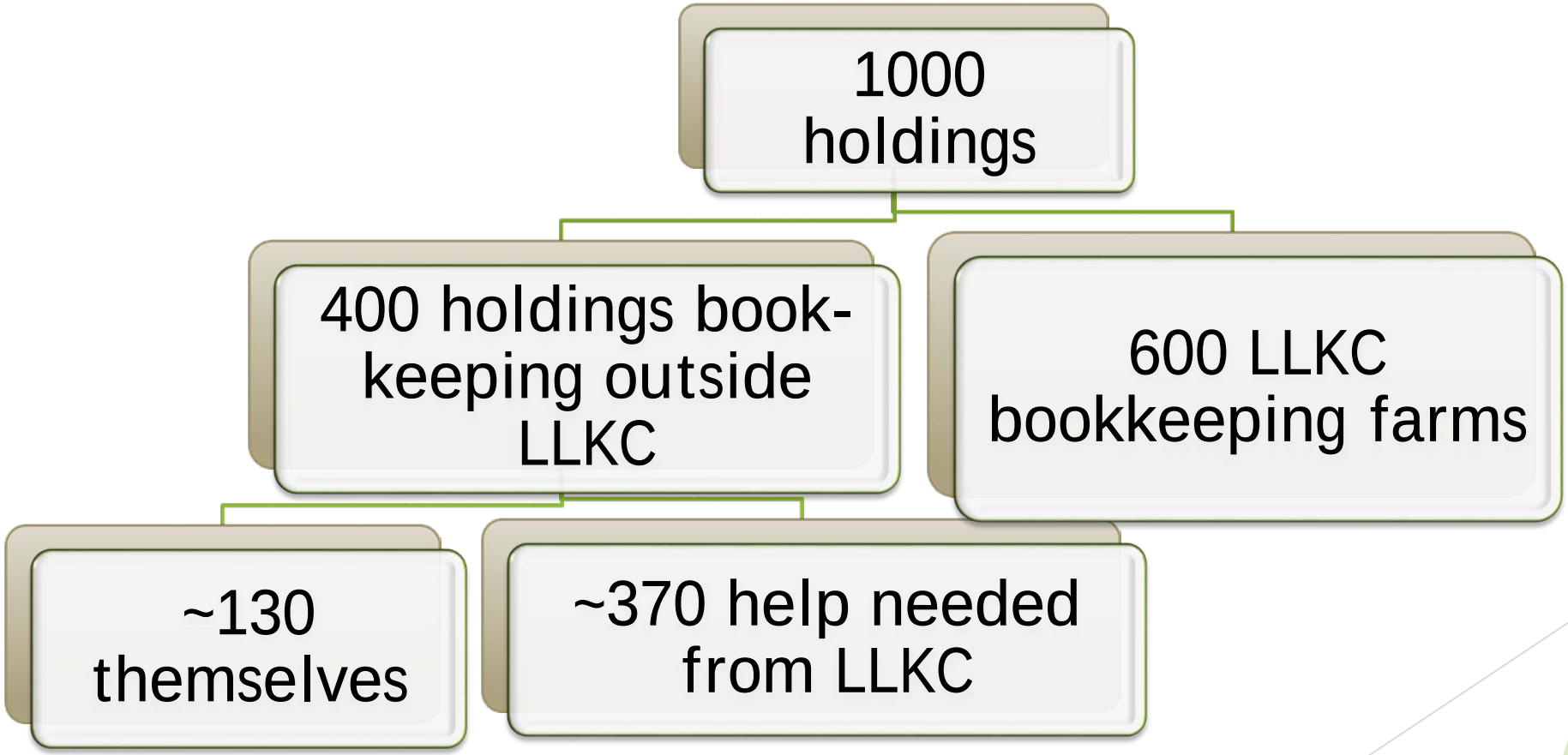
Since 2008 - online database:

- FADN IS replaced and complemented the old system
- FADN data were migrated to the new system (years 2003 - 2006)
- Modular and easily extendable system
- Easy to learn and easy to use system
- Data security and audited users actions ensured

User management

- Separate roles
  - *Office worker*
  - *External user*
  - *Administrator*
- Strictly defined access levels

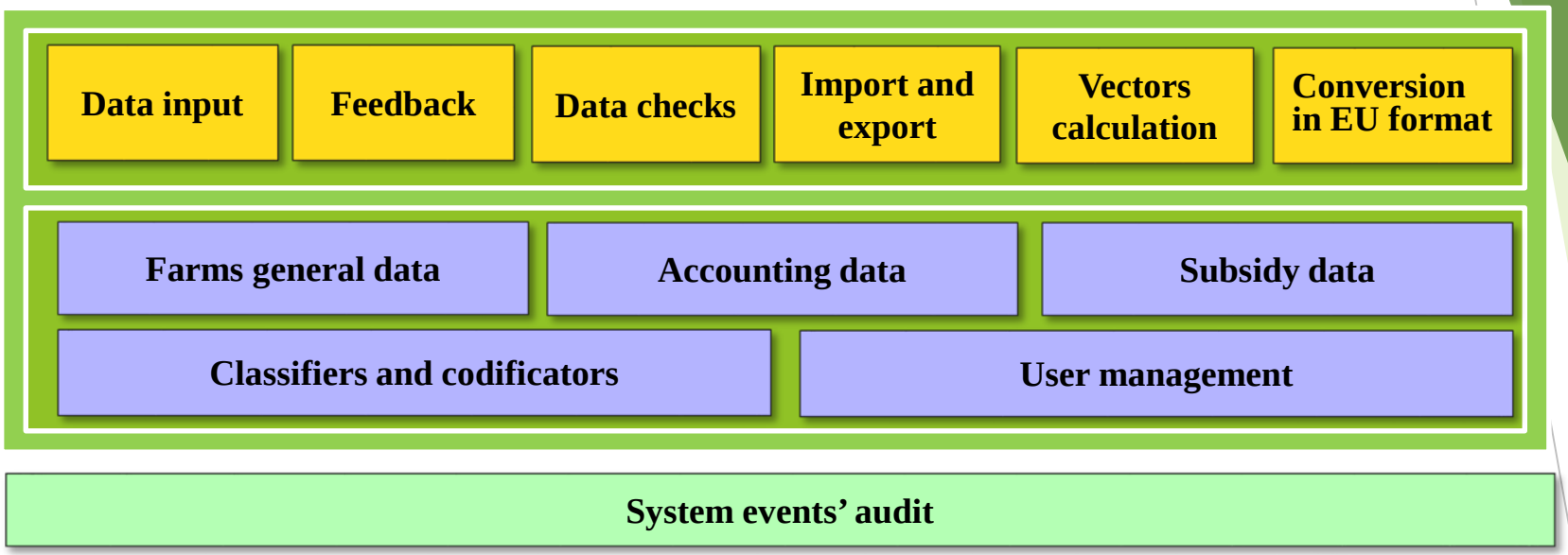
FADN farm distribution according to bookkeeping and data entering



Data processing process

- Collect on the form
- Input in database *http://sudat.lv*
- Data check in *http://sudat.lv*
- Input in EU FADN database
- Data check in EU FADN database

Functionality of FADN information system



- Data since 2003
- 286 data quality check algorithms (1243 tests)
- 5 vectors calculations, simple vectors, weighted vectors and average weighted vectors
- Conversion in EU format
- Information system is modular – it can be easily extended and modified by AREI personel

http://sudat.lv

Advantages of the system

- Possibility to enter data from anywhere, online system
- Significantly improves data quality
- Significantly speeds up the process
- User easy system
- Everyone can get average data by specialization or economic size

Thank you for attention