

Bridging the gap between IACS and statistics

how we used an
administrative register (IACS)
to help creating a
statistical farm register (FR)

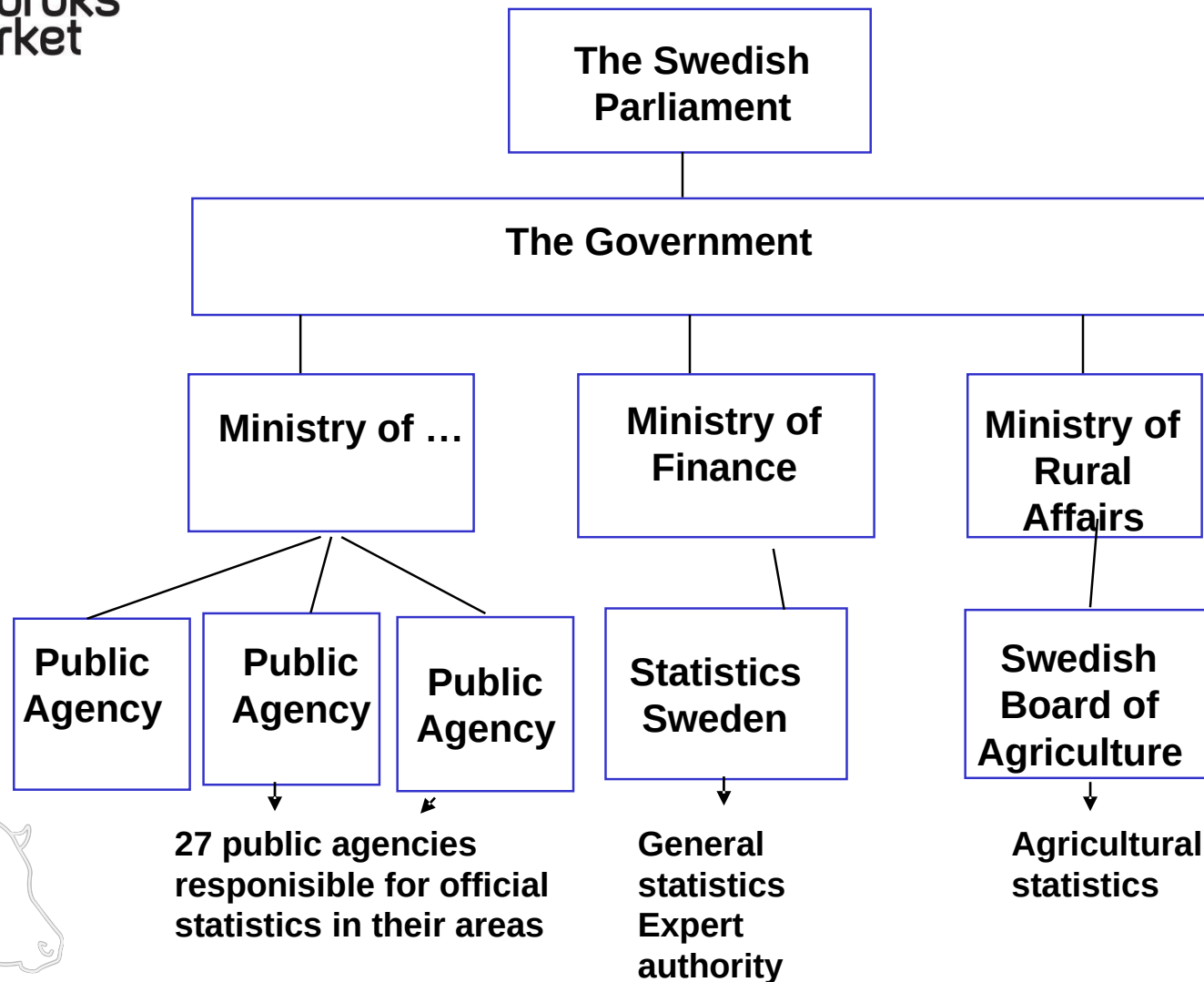


Disposition

1. Prerequisites in Sweden
 - Organisational setting
2. Evaluating IACS
3. Experiences from Sweden
 - How we worked in 2001
 - How we worked in 2010



National administration of statistics



The Swedish board of Agriculture a sector authority in agriculture

Micro data

Payment agency

Responsible for official
agricultural statistics

Preventing and
limiting the spread
of animal diseases

Animal welfare
and animal health

Rural development

Environmental values of the
agricultural landscape

How to evaluate the use of IACS?

	<u>IACS</u>	<u>Farm census-Farm register</u>
Object	Holder	Holding
Population	Holders applying for subsidies	Holdings above threshold
Identifier	IACS-id, Org-id	FSS-id, Org-id
Variables	cropareas etc. decided by different regulations, changes occur	cropareas etc,
Purpose	Correct payments (this year)	Produce statistics (long time series)
Quality	Controls	Confidentiality



Forming objects in 2001

Old farmregister

IACS

New registerbased
farm register

One to one



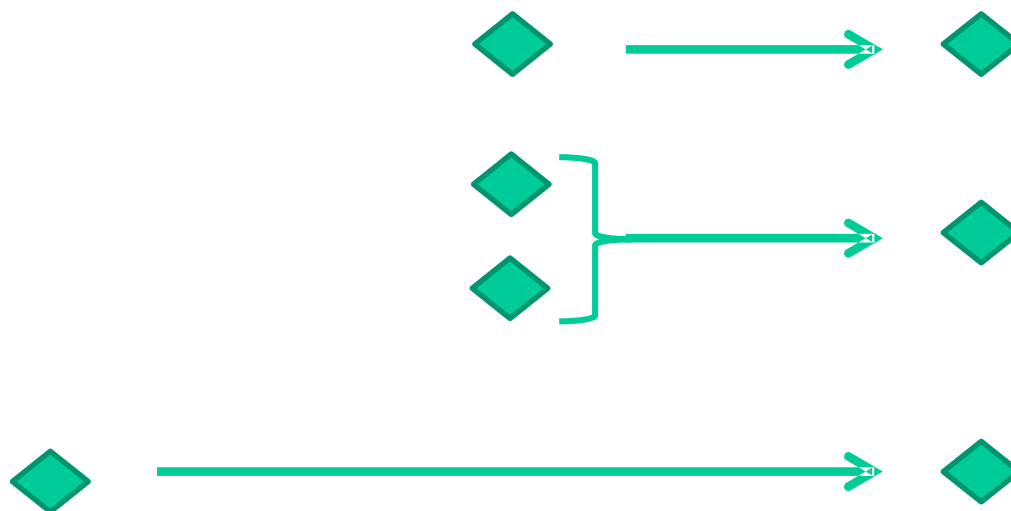
No match

End result in 2001

Not in IACS

IACS

New registerbased
farm register



Main identifier

Main map-identifier

Added identifier

IACS-id

ORG-id

FSS-id

ORG-id

IACS-id



Questions in FSS/census

- identifiers ORG-id, IACS-id PPN-id
- The name and ORG-id of all persons related to the holding that might appear in a register (second holders)
- Total area of the holding
- Status of holding
 - if holding is closed down
 - if holding is sold or rented and to whom
 - If holding is running



Creation of samplingframe 2010

Summary
76 799
holdings
are sent a
questionnaire

1a. Total population of objects from Farm Register 2009

Identities (FSS-id,
ORGid, IACS-id,
PPNid)

1 748
holdings

Not in IACS

- First year 5 552
- Several years 2 400

7 952
holdings

66 999
holdings

66 999
holdings

1.b Registers

CDB-cattle

Identities (ORGid,
PPNid)

IACS-areas

Identities (ORGid,
IACS-id, PPNid)

Pig-, poultry-, and sheep –registers

Identities (ORGid,
PPNid)

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Creation of objects (holdings) in FSS

1a. Total population of objects from Farm Register 2009

Identities (FSSid, ORGid,
IACS-id , PPNid)

2. Creation of maximal sampling frame

Holding

Identities
(FSSid, ORGid,
KUNDid, PPNid)

Information from MAY 2010 relating to reference day in June 2007

1.b Registers

IACS areas

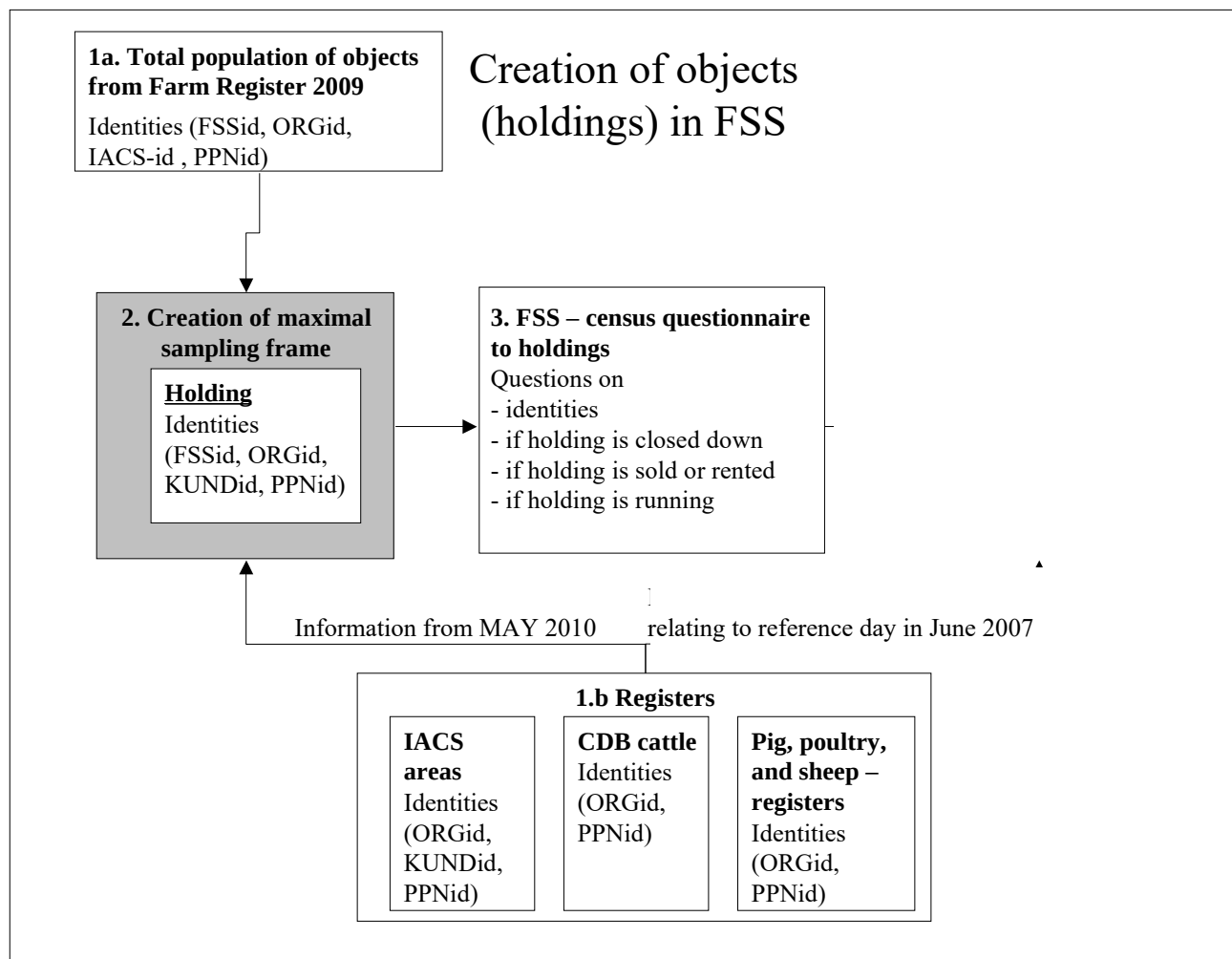
Identities
(ORGid,
KUNDid,
PPNid)

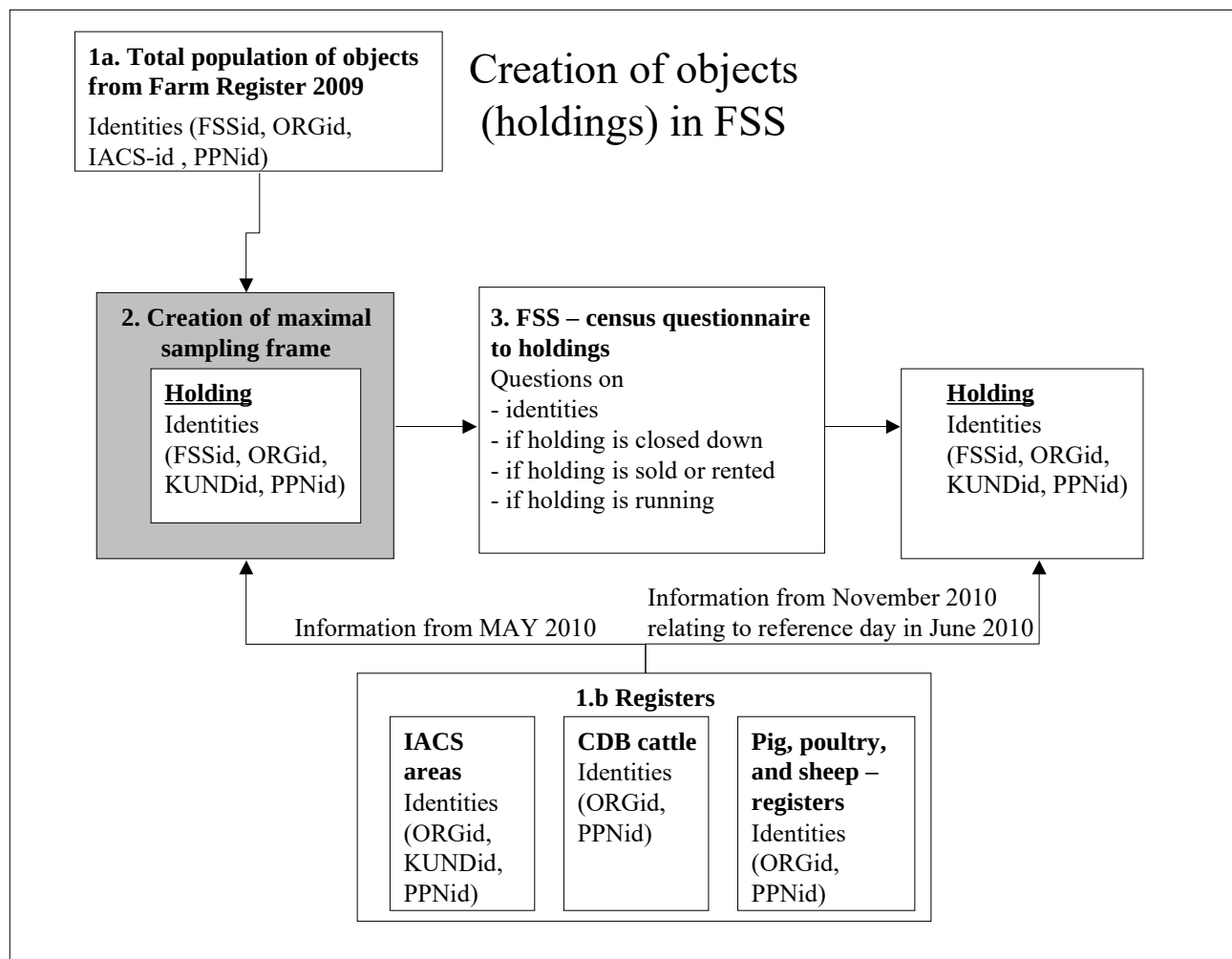
CDB cattle

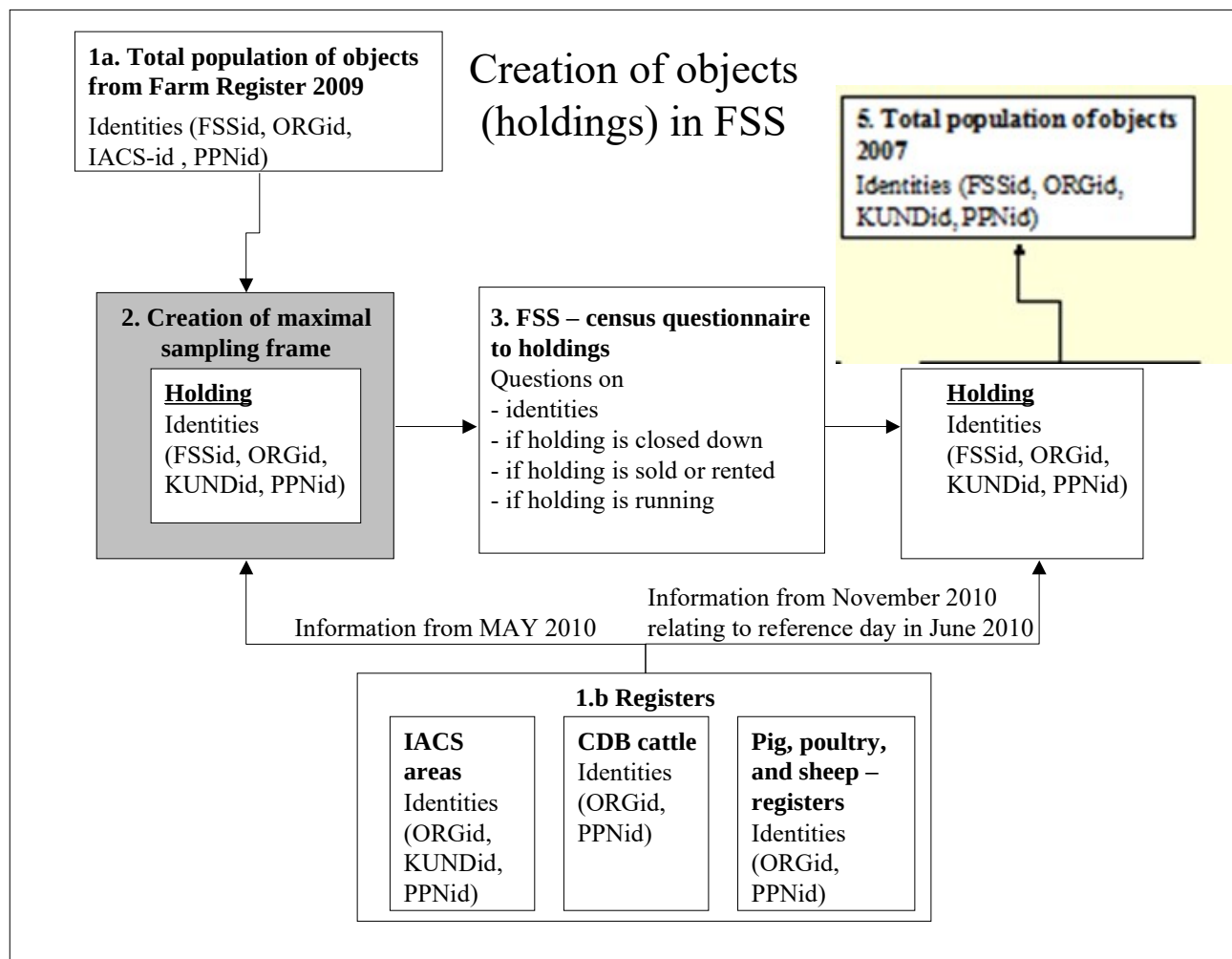
Identities
(ORGid,
PPNid)

Pig, poultry, and sheep – registers

Identities
(ORGid,
PPNid)

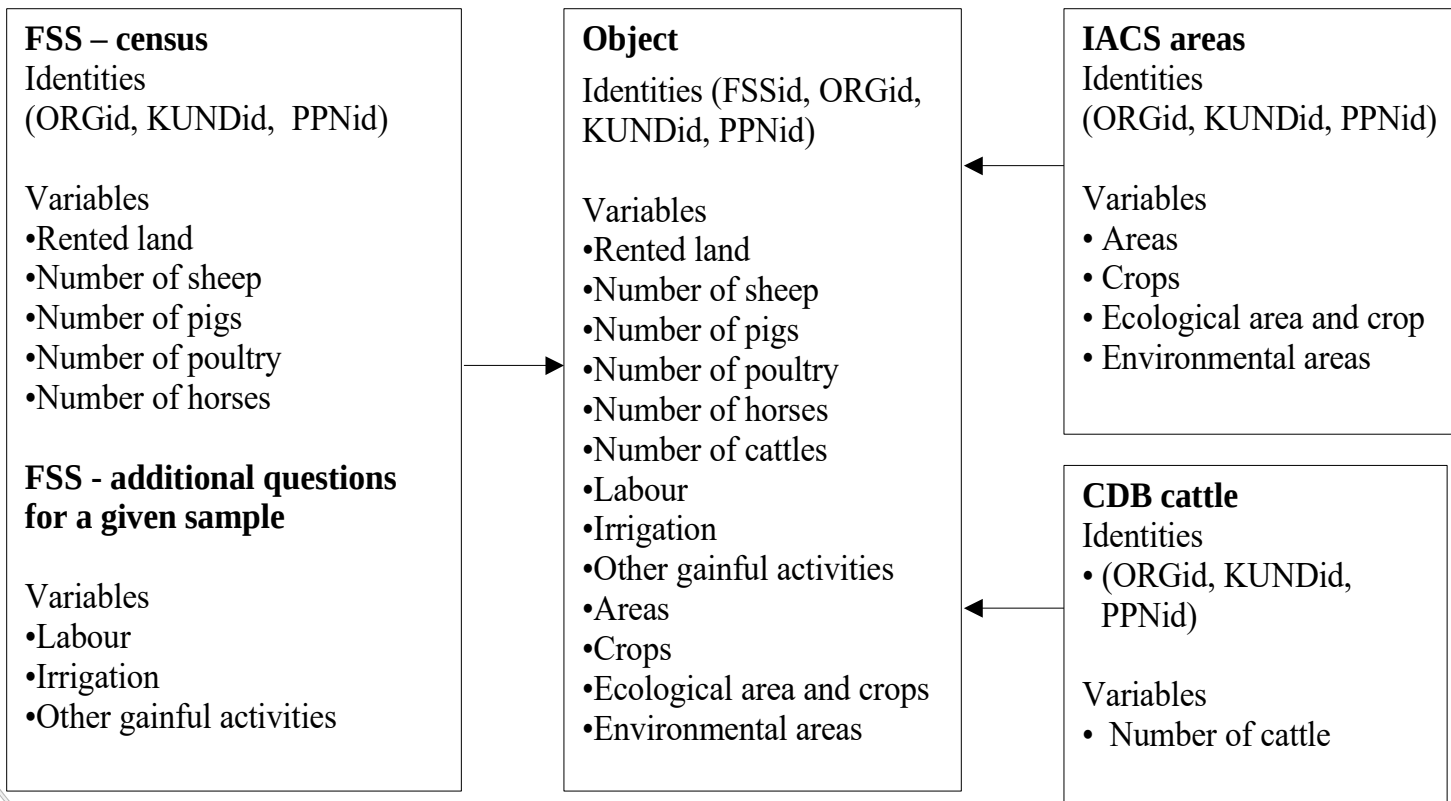






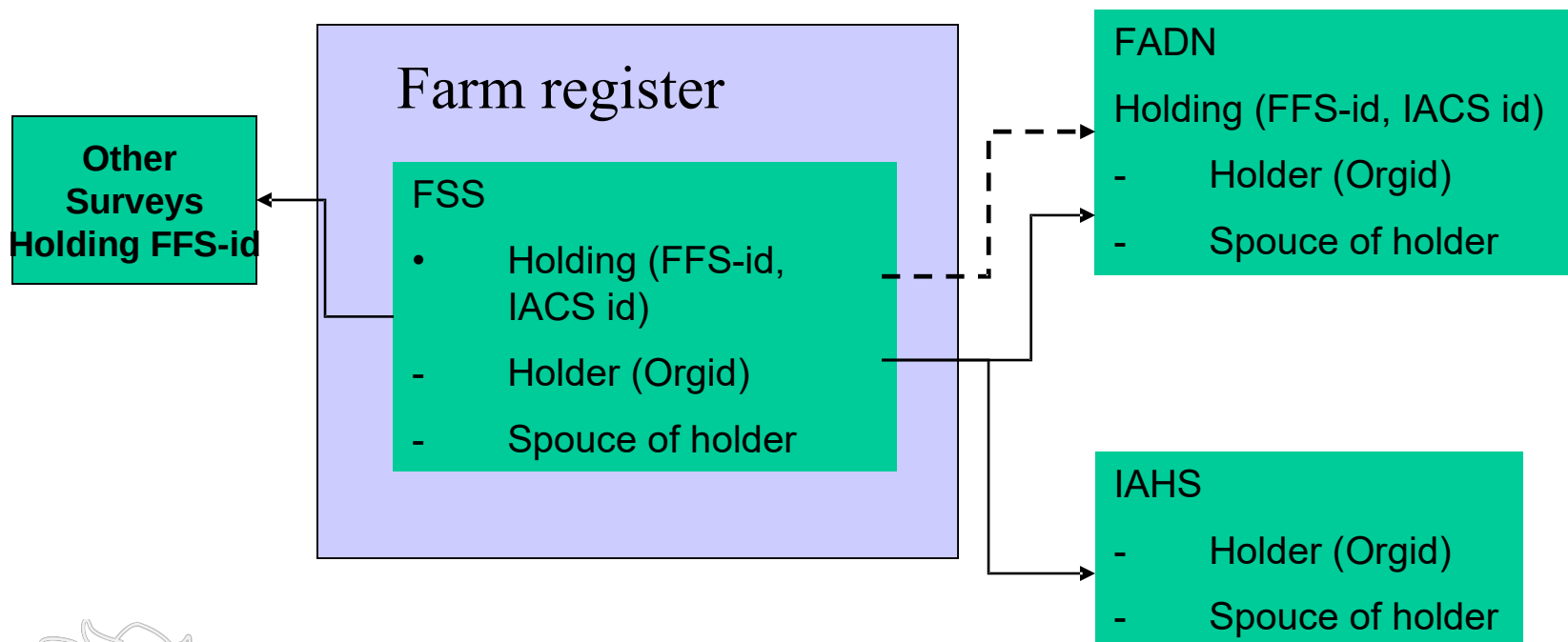
Creation of variables

Creation of variables in FSS



2013-11-28

Merging objects in different surveys



Bridgeing the gap

- IACS-definitions strong in the minds of the farmers
- Co-operation-shared knowledge
- Technical and legal clarity
- The support of the farmers
- Change source properly takes time
- Do not believe a statistical survey is perfect
- Merging, diverging answers, changes problematic---- systematic approach and ongoing evaluations
- Make a BACK-UP PLAN

