



Global Strategy
IMPROVING AG-STATISTICS



IMPROVED METHODOLOGIES FOR MASTER SAMPLING FRAMES

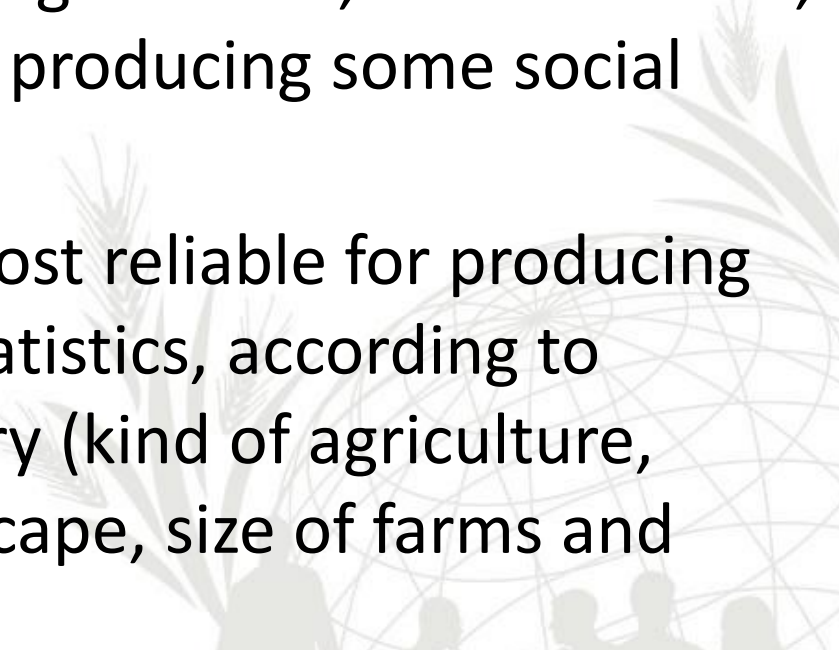


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MASTER SAMPLING FRAME

- Master sample frame: sampling frame to be used for selecting probability based samples which allow collecting data concerning the land, the farms and, in case, households, for producing some social statistics
 - Different approaches most reliable for producing agricultural and rural statistics, according to characteristics of country (kind of agriculture, statistical system, landscape, size of farms and fields etc.)
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MAIN APPROACHES

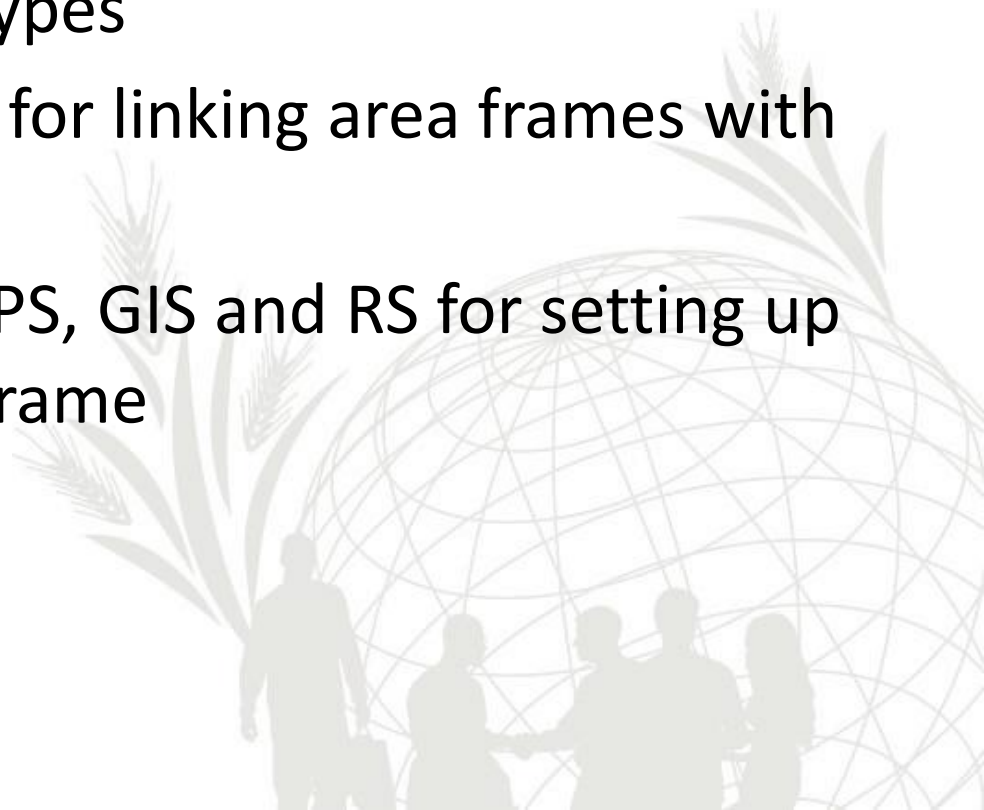
- Main approaches:
 - sample surveys based on the list of farms (in case a complete and updated list of farms is available)
 - sample surveys based on area frames
- Optimal approach:
 - Combining area frame with list frame while building the frame (georeferencing the parcels of land of the farms)

COMBINING LIST AND AREA FRAMES

- In countries where list of the farms out of date and the parcels not georeferenced, area frame cannot be combined with list frame while building the frame
 - Combination of estimates obtained from area frame with estimates produced through short list of large, commercial farms
 - Kind of area frame, way of linking list and area frame, way of using geographic information varies according to specific situations
 - Aim of research: improving these methods
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RESEARCH TOPICS UNDER THE THEMATIC DOMAIN

- Following research topics identified:
 - Identifying most appropriate area frame for specific landscape types
 - Improving methods for linking area frames with list frames
 - Improving use of GPS, GIS and RS for setting up a master sampling frame





THANK YOU

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