

Workshop on Statistical Data Collection “Resourceful Data Acquisition”

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# Challenges for survey design in a centralized data collection framework

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Istat

Towards a new organization

The Data Collection division “Design of data collection tools”:  
functions and activity lines

How we work

Results and challenges

# The Istat new set-up

## Business Architecture Model (BAM)

The new organizational set-up is characterized by the centralisation of all support services, clearly separated from thematic statistical production



Establishment of the new Directorate for Data Collection  
Four Divisions specialised in the different areas

Division for design of  
data collection tools

Division for data  
collection  
organization

Division for  
implementation of  
data collection from  
direct surveys

Division for  
integration of  
administrative  
sources and  
registers

## Division for Design of data collection tools

**LINE 1**

Design of the data collection process

**LINE 2**

Training of the interviewers networks

**LINE 3**

Optimization of the questionnaire design

**LINE 4**

Implementation of electronic questionnaire

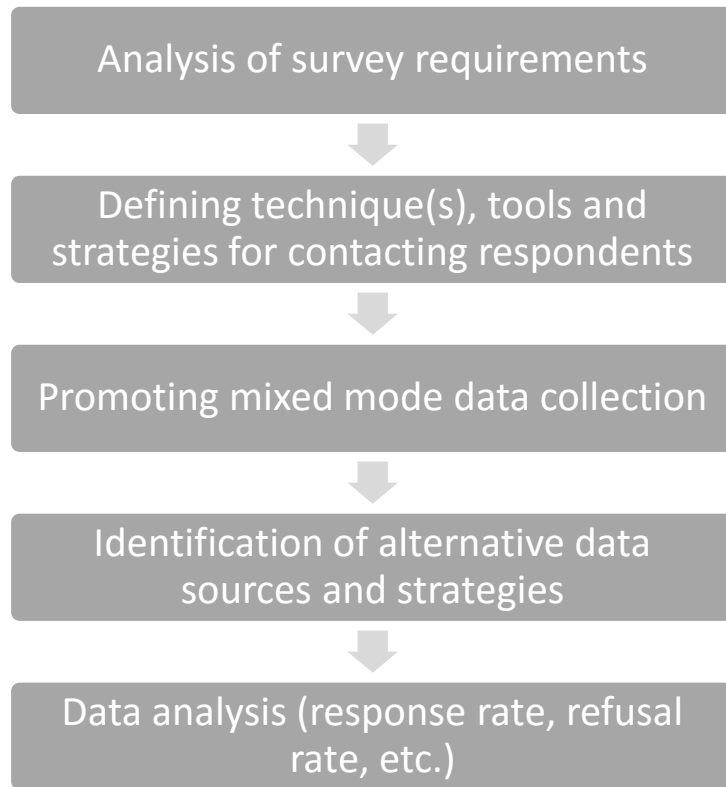
**LINE 5**

Definition of an architecture for mixed-mode data collection

**LINE 6**

Smart surveys, pilots & tests

# Design of the data collection process

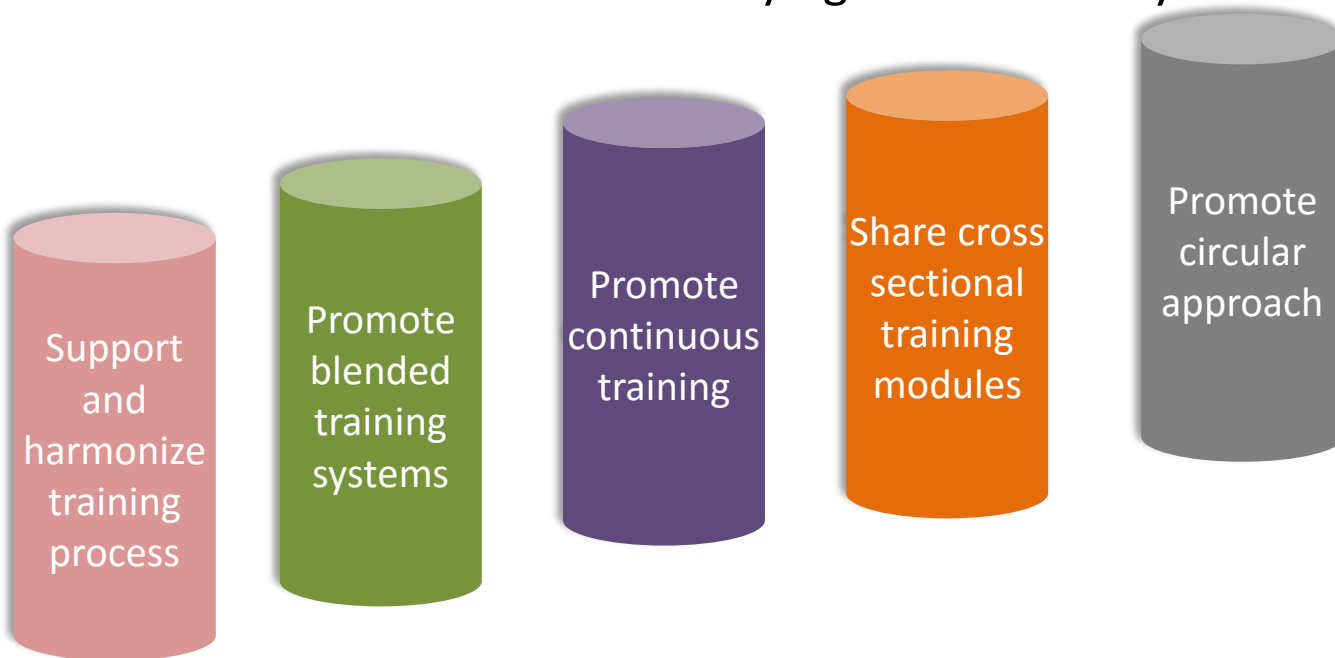


The goal is to design the data collection processes in order to modernize and to make them more efficient

An important activity is the design of pilot survey when a new data collection process is going to be implemented

## Training of the interviewers networks

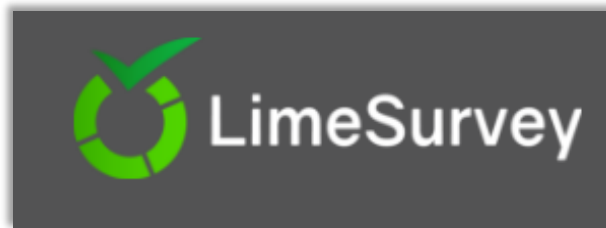
To improve and harmonize tools and upskill the interviewers networks involved in carrying out our surveys



# Training of the interviewers networks: the tools



Survey Management  
System

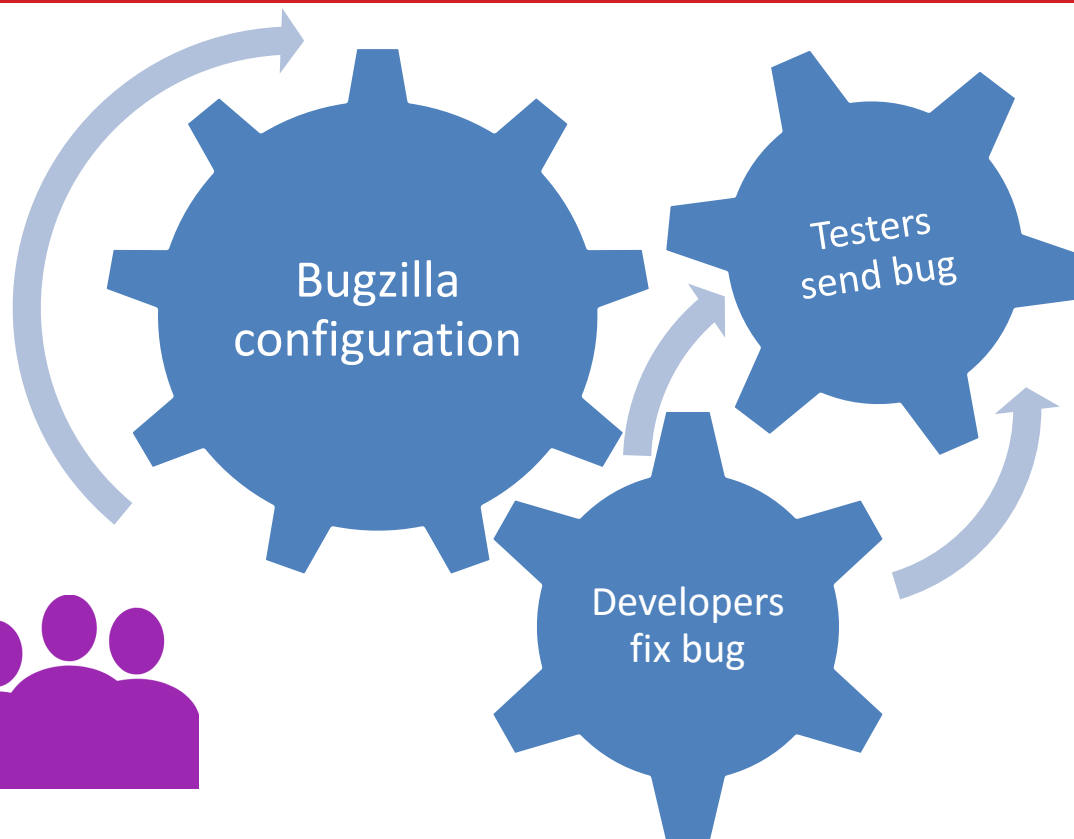
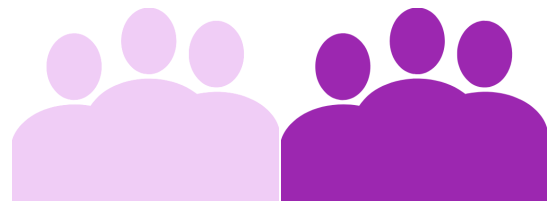


# Optimization of the questionnaire design





# Tools for questionnaire test



# Implementation of electronic questionnaire

## developing a questionnaire

Requirements by LINE 3 and thematic experts

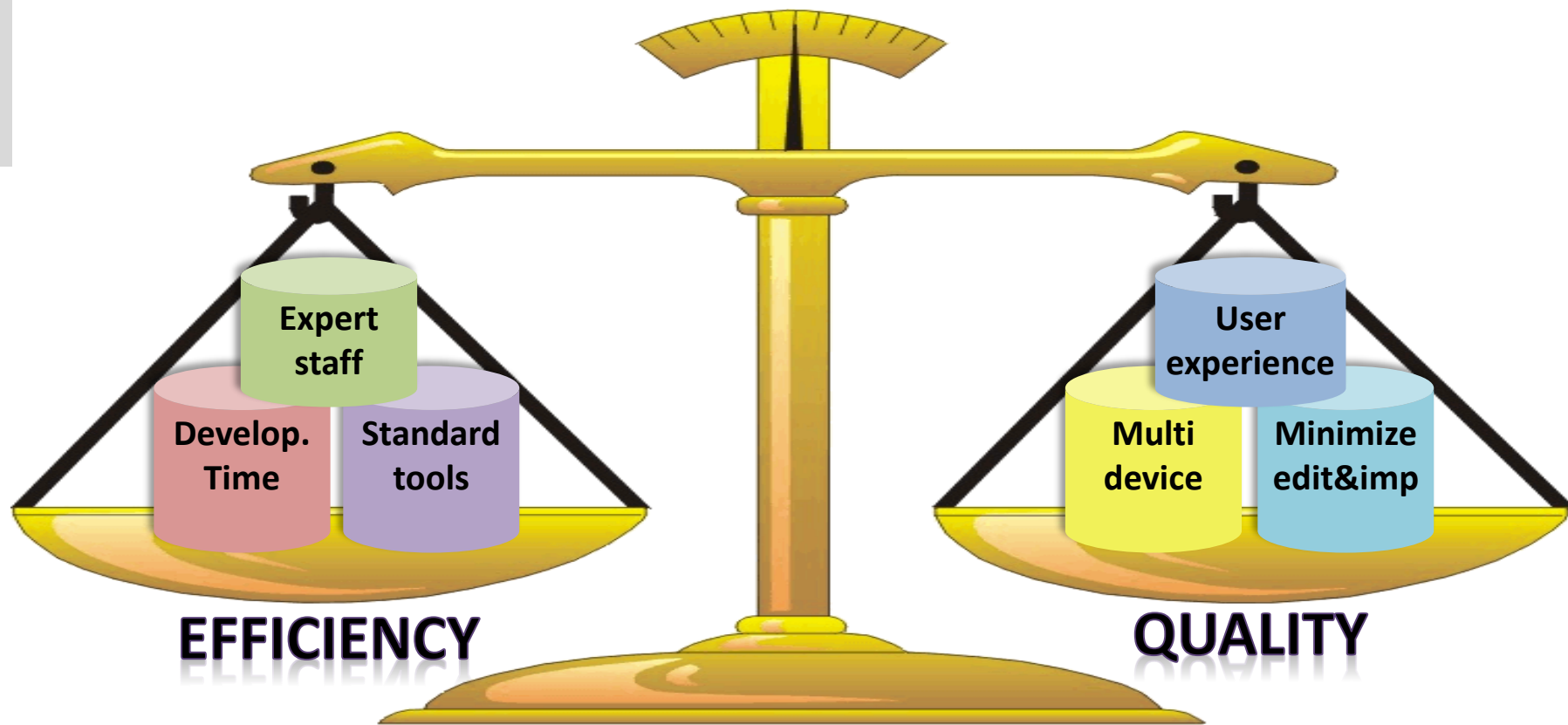
Choice of the development tool

Questionnaire development

Test (in collaboration with LINE 3 and thematic experts)

Survey's start and entrustment of following activities to another division of data collection

# The team acquires the requirements



## Definition of an architecture for mixed-mode data collection surveys

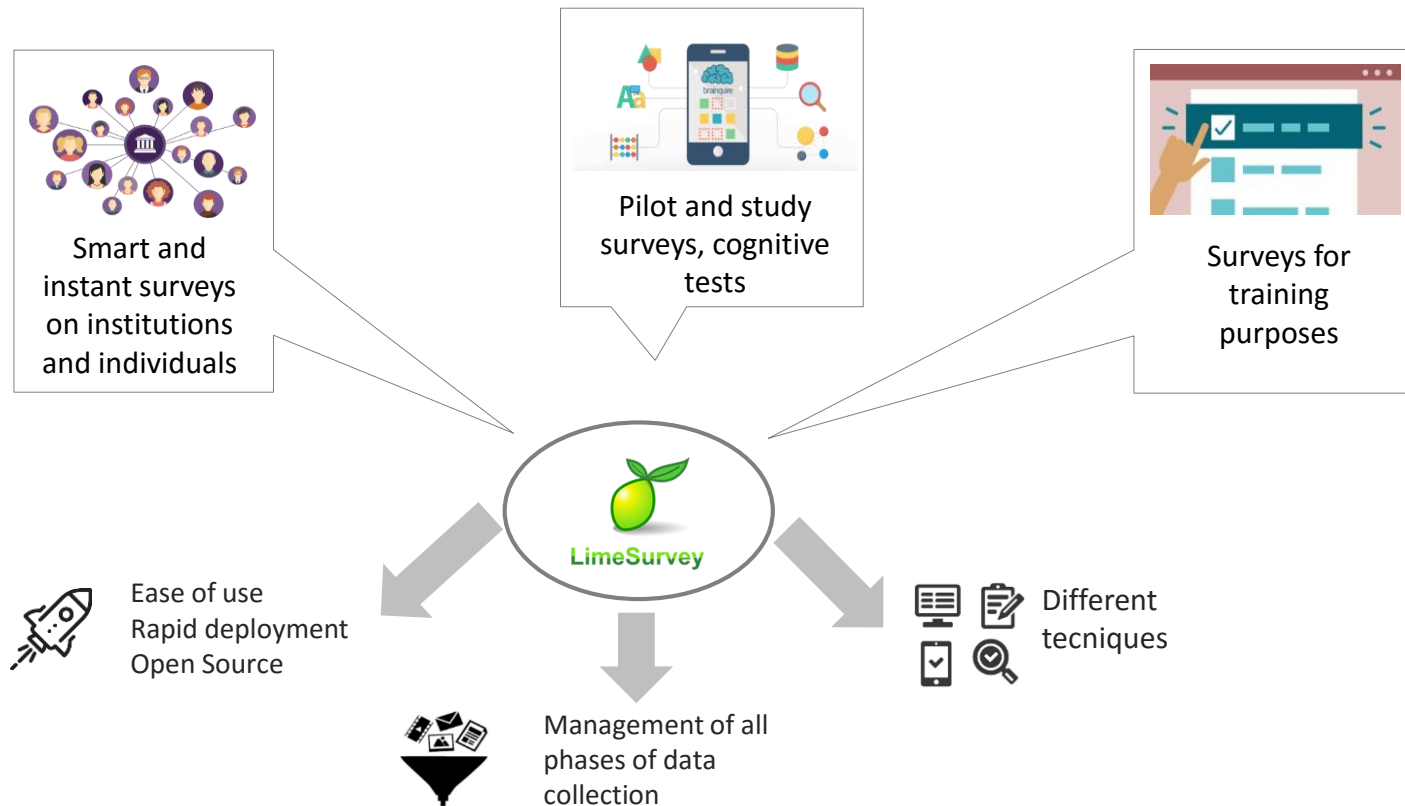
This project aims at defining all factors to be considered when a **platform for the management of concurrent mixed-mode data collection** has to be designed and implemented.

Findings of this project are embedded in the **MIMOD** project.

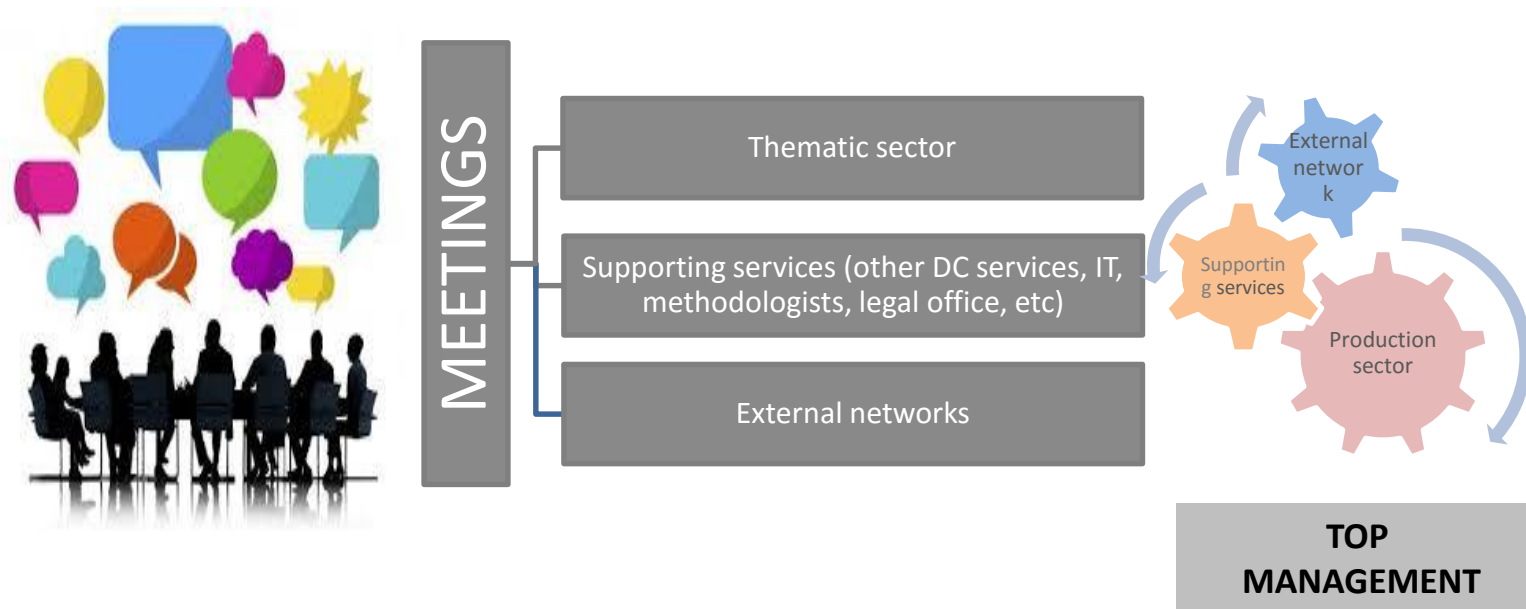
MIMOD = **Mixed Mode Designs in Social Surveys** is a multi-beneficiary grant awarded by Eurostat.

<b>Consortium:</b>	Leader	Istat (Italy)
	Partners	CBS (Netherlands), SSB (Norway), STAT (Austria), Destatis (Germany)
	Supporting Network	INSEE (France), Czech Statistical Office (Czech Republic), Central Statistical Office of Poland (Poland), Statistic Finland (Finland) and Statistics Sweden (Sweden)

# Smart surveys, pilots & tests



# How we work: meetings



# How we work: procedures

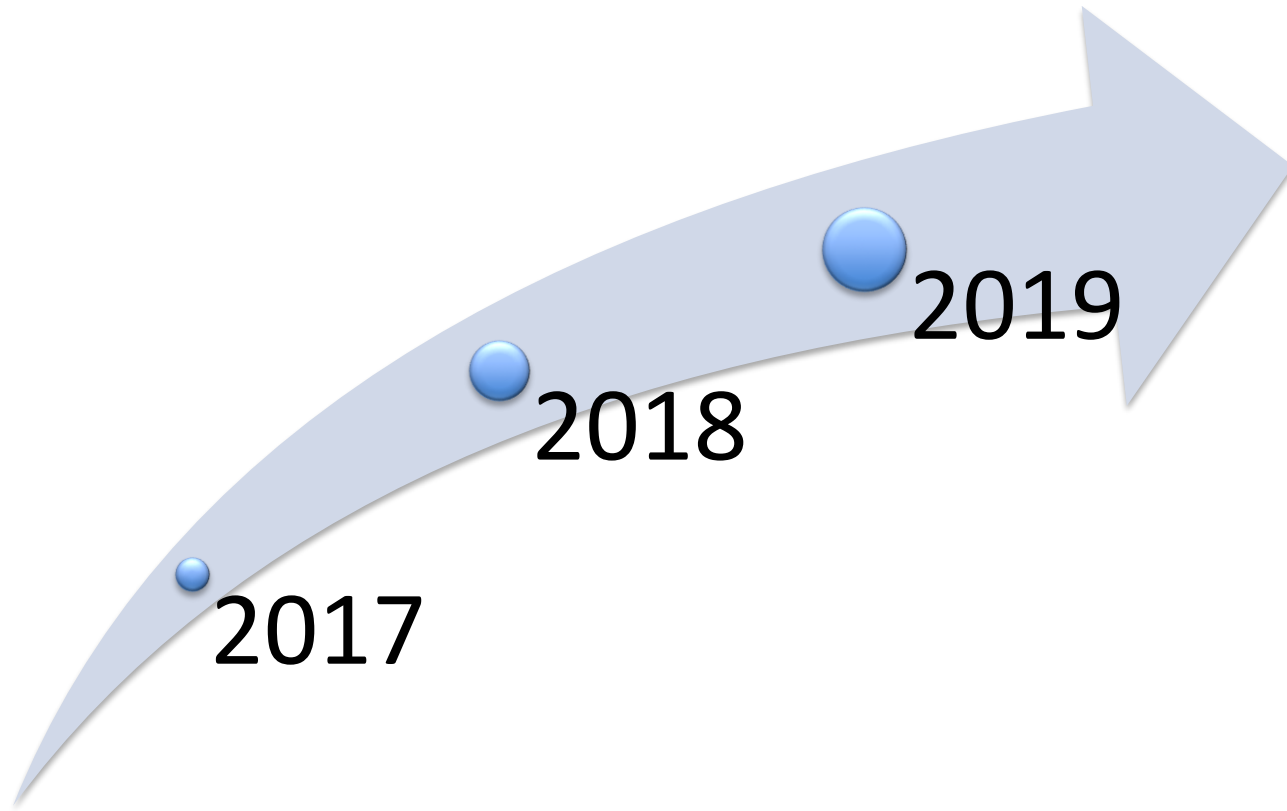
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for the development of electronic  
questionnaires

for questionnaire design and testing  
activities

for training the interviewers network

## A growing trend





# Achieved results

Standardization

Harmonization

Best practices

Levelling up of less advanced processes

Acquisition of knowledge and skills

Experiences in many survey fields



# Problems and challenges

Strong coordination

Analysing in depth very different processes

Compliance with the procedures

Recognition of the role

Time-consuming activities



Thank  
you 😊

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