

Session: Partnerships and innovative approaches for statistics for the 2030 Agenda for Sustainable Development

## The value of data in the implementation of Agenda 2030

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## Trust is crucial

- ✓ **Of citizens toward data produced by NSIs using non official sources like big data.** Strengthening of **public awareness** on the use of new sources and to describe the effective improvements for **well-being** of citizens stemming from the use of new sources
- ✓ **Of partners toward each other** (also to ensure long term commitments, stability of source and quality of data)



## Partnership for exploiting innovative sources

- ✓ **Cooperation** with public research centers, the academia and other government institutions is crucial to make best use of new techniques and provide reliable results
- ✓ Sharing data should be presented as an opportunity for private companies → **Creating value for all**
- ✓ Definition of a solid **privacy and security framework** for the use of private sources of data → Cooperation of the Data Protection Authority

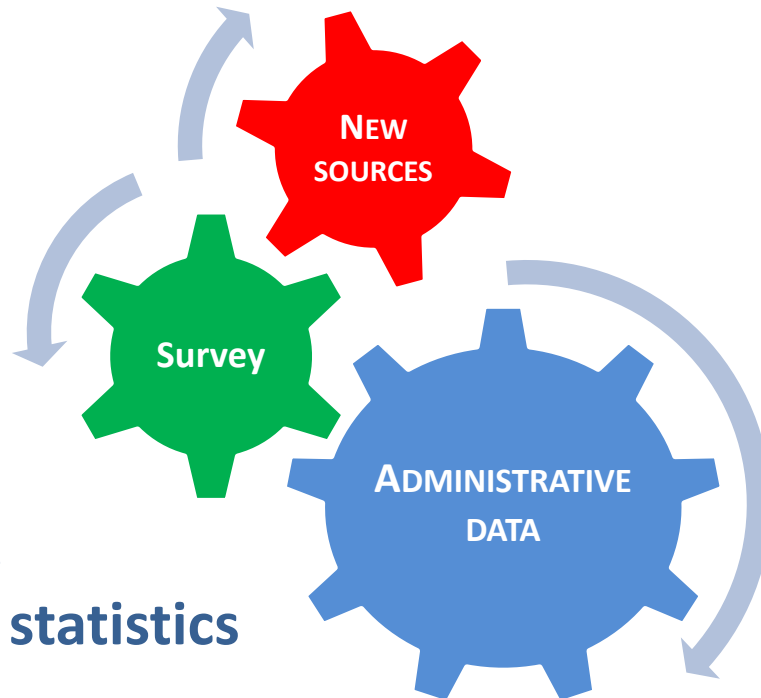
# Challenges



- Satisfy multidimensional demand for good quality statistics
- Measure new complex cross-cutting issues
- New technologies have increased the ability to store, process and analyze increasing amounts of data
- Consistency checks are important especially in case of multiple sources
- New needs – new skills investing in people
- New organisational structure

# Modernisation Program: key aspects

- The capacity to enhance the value of data is linked to the ability to integrate data from different sources (administrative-surveys-other new sources)
- To compare different sources ensures gains in accuracy, consistency and completeness of the statistical information produced.



Moving towards  
experimental statistics

It is a path taken by several NSOs which implies  
**Experimentations** and  
**Change**

## Integration of different sources needs:

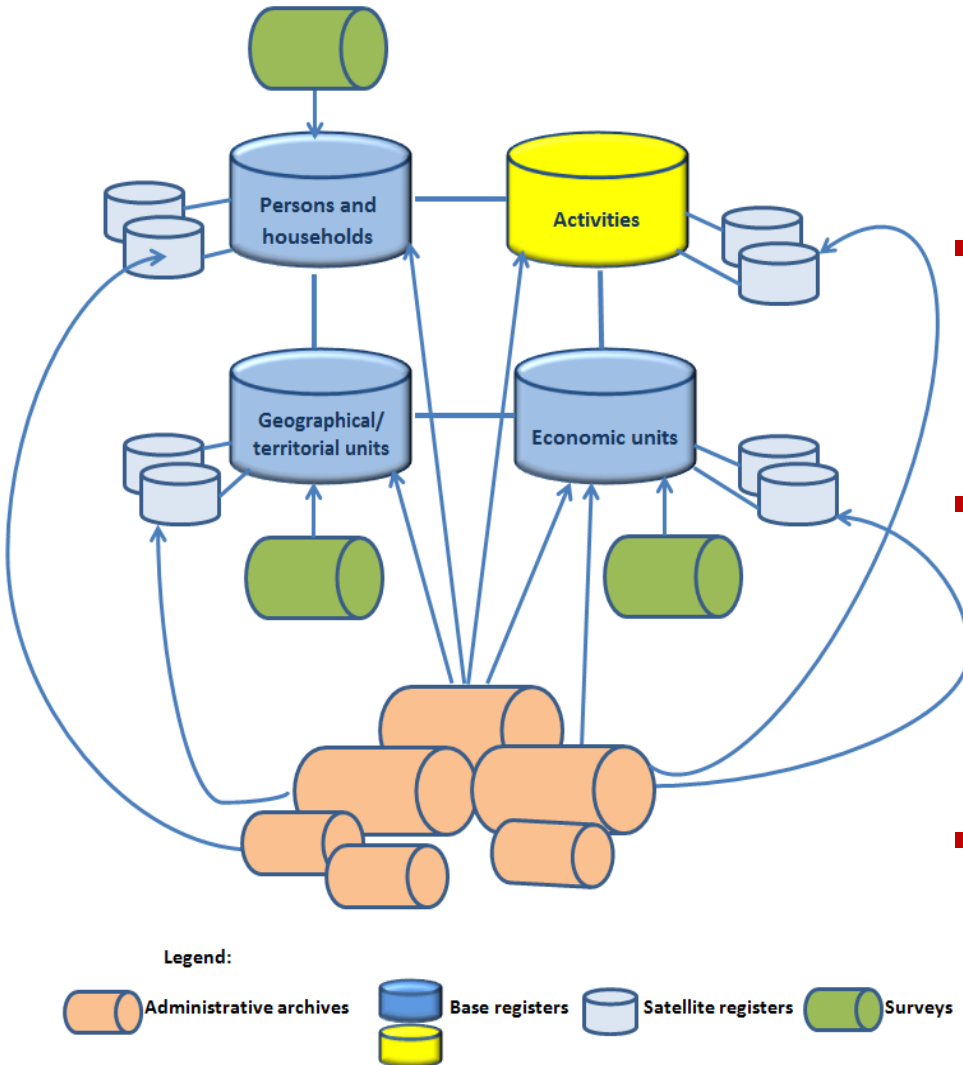
- Mapping to identify the use of new sources for statistical purposes
- Develop and maintain Infrastructure to organize data and metadata
- Strengthen Methodology for treatment of integrated data
- Update and enhance Quality Framework



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# The Integrated system of statistical register

- Notable advantage in terms of **reduced costs and response burden**, while ensuring quality, timeliness and completeness
- Large potential because **different registers can be linked together** to study multiple relations
- **The system is based on 4 Base registers and several Satellite registers** containing thematic variables derived from administrative sources, surveys and others
- A **new organizational unit** in Istat which includes methodologists and thematic experts and deals with construction of registers



# The Value of data for SDGs

## Recognition of existing National framework equitable and sustainable well-being (BES) and the new framework of SDGs

- Find synergies and check possible alignment
- Mapping available indicators
- Efforts on dissemination and communication
- Clear role of Istat



# The way forward: future concrete steps

Italian Budget Law has a clear reference to equitable and sustainable well-being indicators adopted at international level

In December 2016 Istat will present for the first time the annual Report on equitable and sustainable well-being with a set of SDGs

bes

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equo  
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SDGs in the National Statistical Program