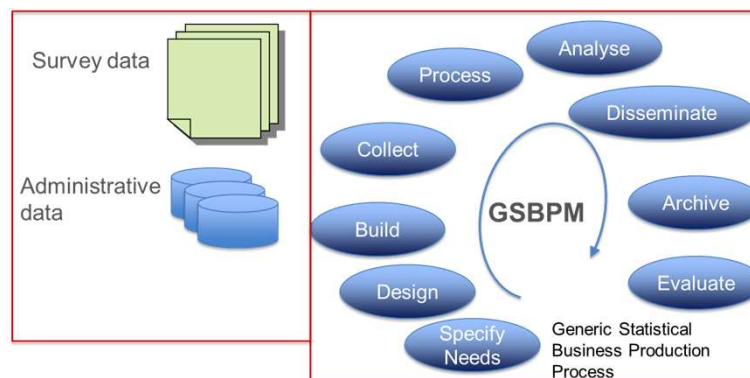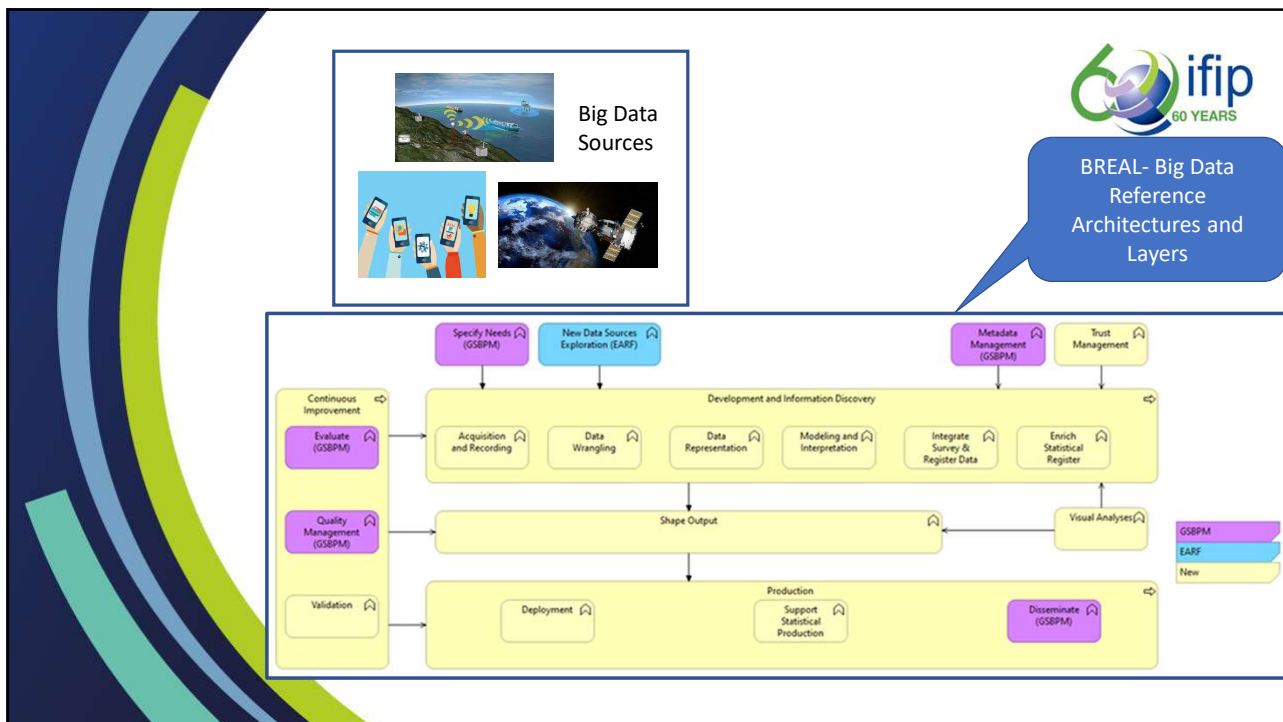**Official Statistics meets Data Science:
Experiences and Perspectives**

Monica Scannapieco,
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Main Issues

- Statistical inference: Paradigm shift
  - Top Down perspective: Design-based & Model-based
  - Bottom up perspective: Algorithmic
  - How to revise properly quality frameworks?
- Access to privately-held data
  - Investments on Privacy-enhancing technologies for input privacy (in addition to output privacy)
  - Investments on synthethic data generation
  - How to build smart statistics that are trusted (quality+ privacy+transparency+ethics)?

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