# WP2 – WP3 shared meeting Oct 7, 2020







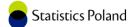
















# Deliverable 2.7 –specifications WP2 for WP3

### Descriptions of pilots:

- 1. CSPA conceptual, physical, logical levels (WP3 subtasks 3.1.2, 3.1.4, 3.1.6)
- 2. Methodology level (WP3 subtasks 3.1.1, 3.1.5)
- 3. Logistics level (WP3 subtasks 3.1.3, 3.1.5)
- 4. Legal-ethical-policy level (WP3 subtask 3.1.4)

Levels are split in frontend and backend and crossed against {generic, country-specific majority, country-specific minority}

Mapping to smart features and to WP3 proof-of-concept elements.























# Deliverable 2.7 and WP2 phase 2, 2' and 3

### Descriptions of pilots:

- 1. CSPA conceptual, physical, logical levels: phases 2, 2' and 3
- 2. Methodology level: phases 2 and 3
- 3. Logistics level: phase 2' and 3
- Legal-ethical-policy level: phases 2 and 2'







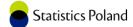
















# Legal-ethical-policy requirements

### What is new in smart surveys?

- Data collection may use computing and storage options of personal devices
- Part of the data collection may be passive
- Part of the data collection processing may be shifted to the personal devices rather than in-house at the institute
- Part of the collected data may be of specialist content of which part of the respondents has no knowledge, even under informed consent
- In order to be able to participate, one may have to possess a specific device or to accept that one needs to use a device that is provided







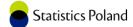
















# Legal documents

#### In-house data collection:

 Data Protection Impact Assessment (DPIA) extended to cover new data collection features, in particular use of personal (smart) devices for storage and processing

#### Outsourced data collection:

- DPIA for data collector
- Data processing agreement (DPA)
- Country-specific additional documents: In Germany, for example, the Grundschutz Compendium from the Cyber Security Authority

In WP2.1: Plan is to move from outsourced to in-house data collection

In WP2.2: Hybrid form between outsourced and in-house data collection







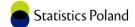
















# Legal documents

#### Important questions:

- What are additional requirements/documentation in the ESS NSI's?
- Do countries put different emphasis/nuance on GDRP operationalization?
- What are the boundaries between legal en ethical requirements?
- What are consequences for an ESS platform?
  - Under in-house data collection
  - Under external data collection























# Motivation for themes and pilots

- Consumption:
  - Need for reduction of respondent burden;
  - Cross-country comparability;
  - Existing innovation (HBS);
- Time use:
  - Lends itself very well for modular approach;
  - Existing innovation (HETUS);
- Health:
  - New tools: Wearables;
  - Link to EHIS;
- Living conditions:
  - Well suited for citizen science features;
  - New tools: Indoor climate systems;
  - Link to EU-SILC;























## WP2 PILOTS AND SMART FEATURES























### WP2 PILOTS AND SMART FEATURES

	Consumption	Time use	Health	Living
Device intelligence	YES	YES	Not in this pilot	Not in this pilot
Internal sensors	YES	MAYBE (location)	NO	NO
External sensors	NO	NO	YES	YES
Public online data	NO	MAYBE (location)	MAYBE	YES
Personal online data	MAYBE (banktransaction s)	NO	YES (personal devices)	YES (personal devices)
Big data linkage	NO	NO	MAYBE (data on health care)	YES (data on dwellings)























## WP2 PILOTS AND WP3 POCs























## WP2 PILOTS AND WP3 POCs

	Consumption	Time use	Health	Living
Active-passive	Receipt	Not decided yet	Activity reports	Living
	validation			conditions
				reports
Machine learning	OCR and	Not decided yet	Transformation	Transformation
	classification		of sensor data	of sensor data
Privacy preservation	Receipt	Centralized data	Activity data	Indoor climate
	processing	collection		data
Metadata	Manual and	Focal point of	Sensor data and	Sensor data and
	receipt data	pilot	derivations	derivations
	entry			
Incentives	Monetary and	Monetary and	Personal	Personal
	personal	personal	statistics	statistics
	statistics	statistics		
Frontend configuration	Product and	Focal point of	Not in pilot	Not in pilot
	shop lists,	pilot		
	language			





















