

# WP2 – WP3 shared meeting

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Statistisches Bundesamt

**IN**  
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**Istat**

**Office for  
National Statistics**

**SCB**

**Statistisk sentralbyrå  
Statistics Norway**

**STATEC**

**Statistics Poland**



**ESSNET SMART SURVEYS**

**STATBEL**  
België in cijfers

## 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
4. 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 GDPR 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



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	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 (banktransactions)	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

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