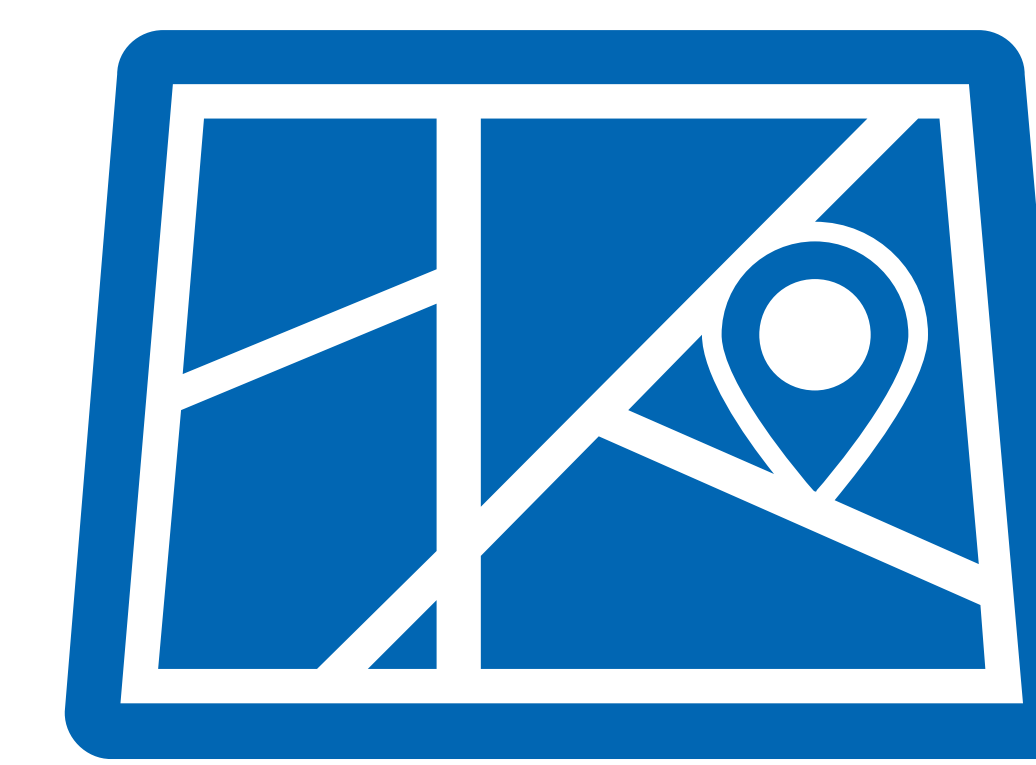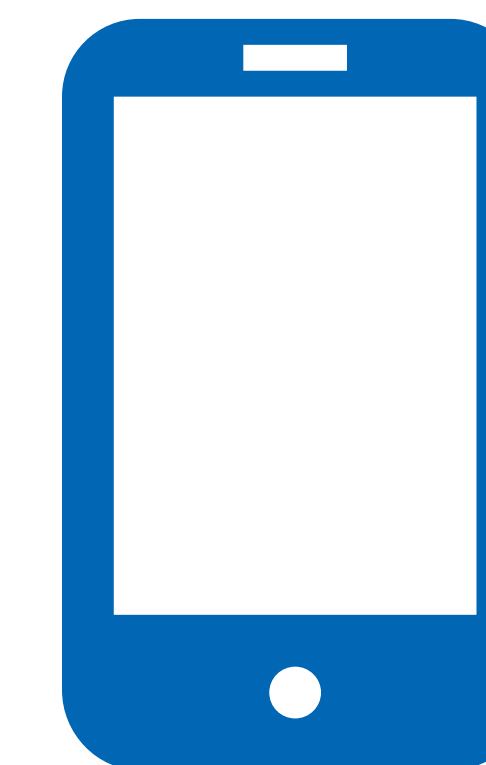# The future: Smart Statistics

- ✔ Portable devices, sensors, open data
- ✔ Direct measurement and analysis of data
- ✔ Objective measurements of high reliability
- ✔ Protection of privacy

EXAMPLE

Time use survey on employed persons

Recording of data and signals

Broken down data processing for the protection of sensitive personal data
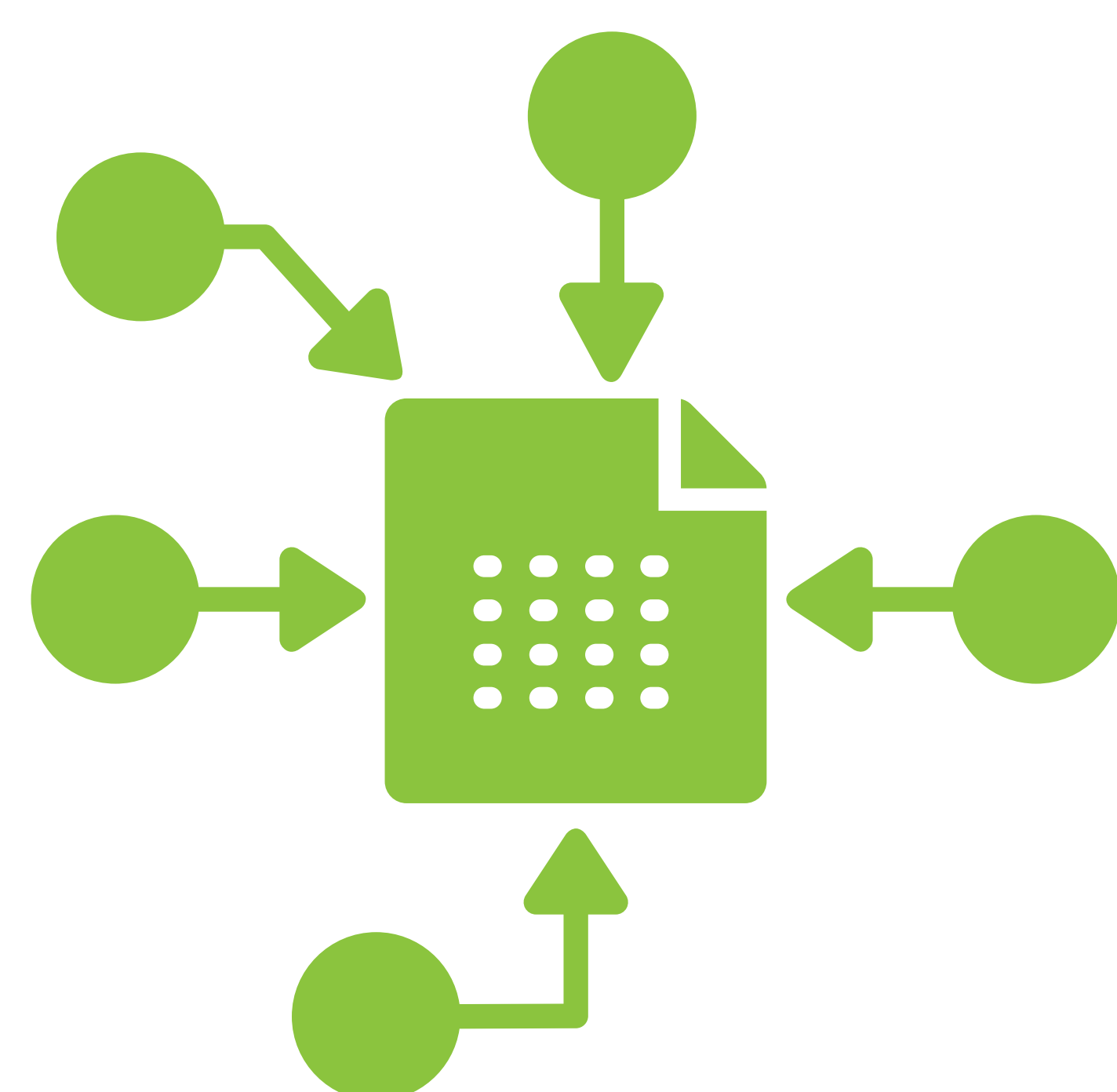
Estimation of time use per activity

HOME   **WORK**   **SLEEP**   **FOOD**   **TRANSPORT**

Data collection

Data analysis
- reliability analysis
- modeling & correction
- statistical analysis
- protection of privacy
- publication of aggregated data

The technologies are developed by the Multimedia Understanding Group of the School of Electrical and Computer Engineering in collaboration with ELSTAT.

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Memorandum of cooperation between ELSTAT - AUTH