



Mobile positioning in official statistics

The way forward?

Privacy & legal issues

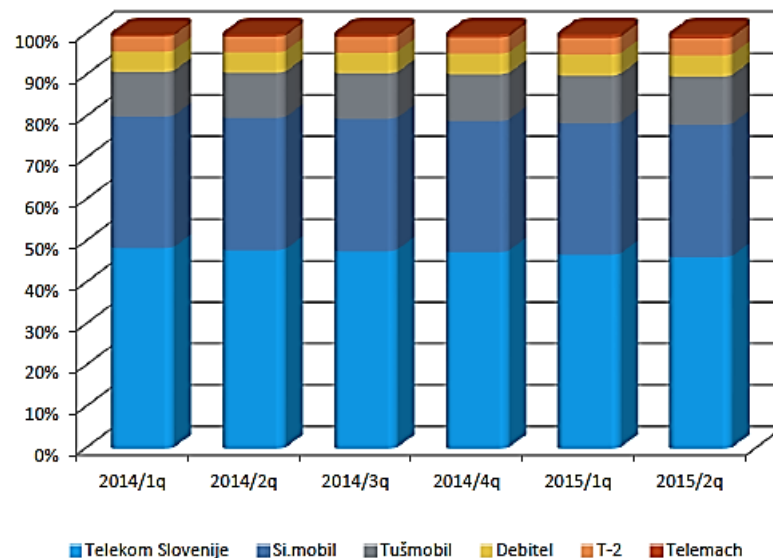
- National Statistics Act
- Electronic Communications Act
- Information Commissioner (DPC)



Privacy & legal issues

➤ Mobile operators

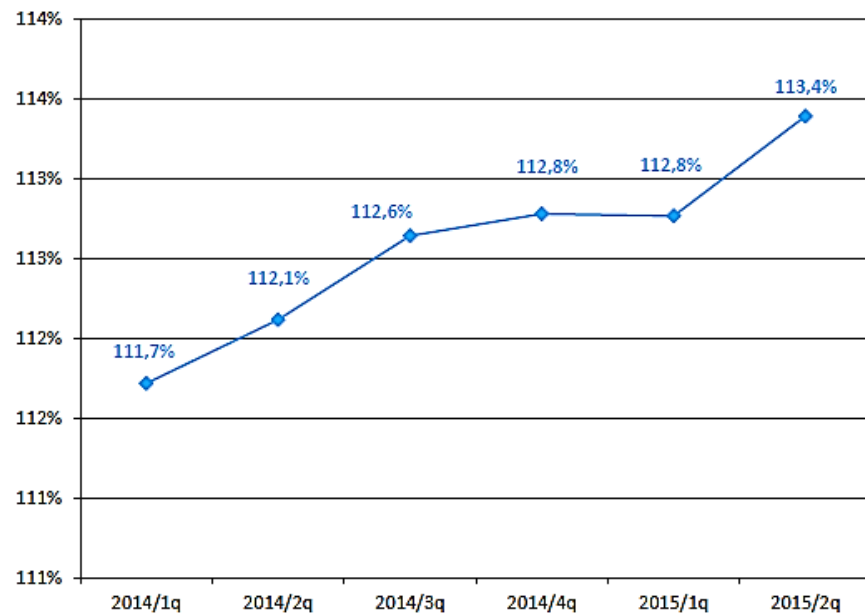
- Commercial interest
- Commercial risk
- Electronic Communication Act, Personal Data Protection Act



Privacy & legal issues

➤ Agreement

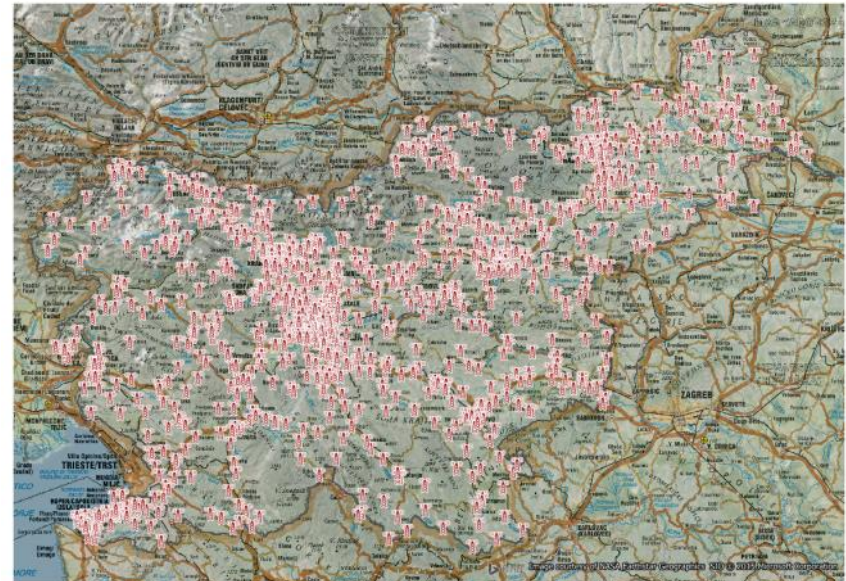
- anonymised data processed under the Personal Data protection Act
- obligation to report
- data available for the project period
- data auditability
- (no) data dissemination



Technical issues

➤ Acquired data

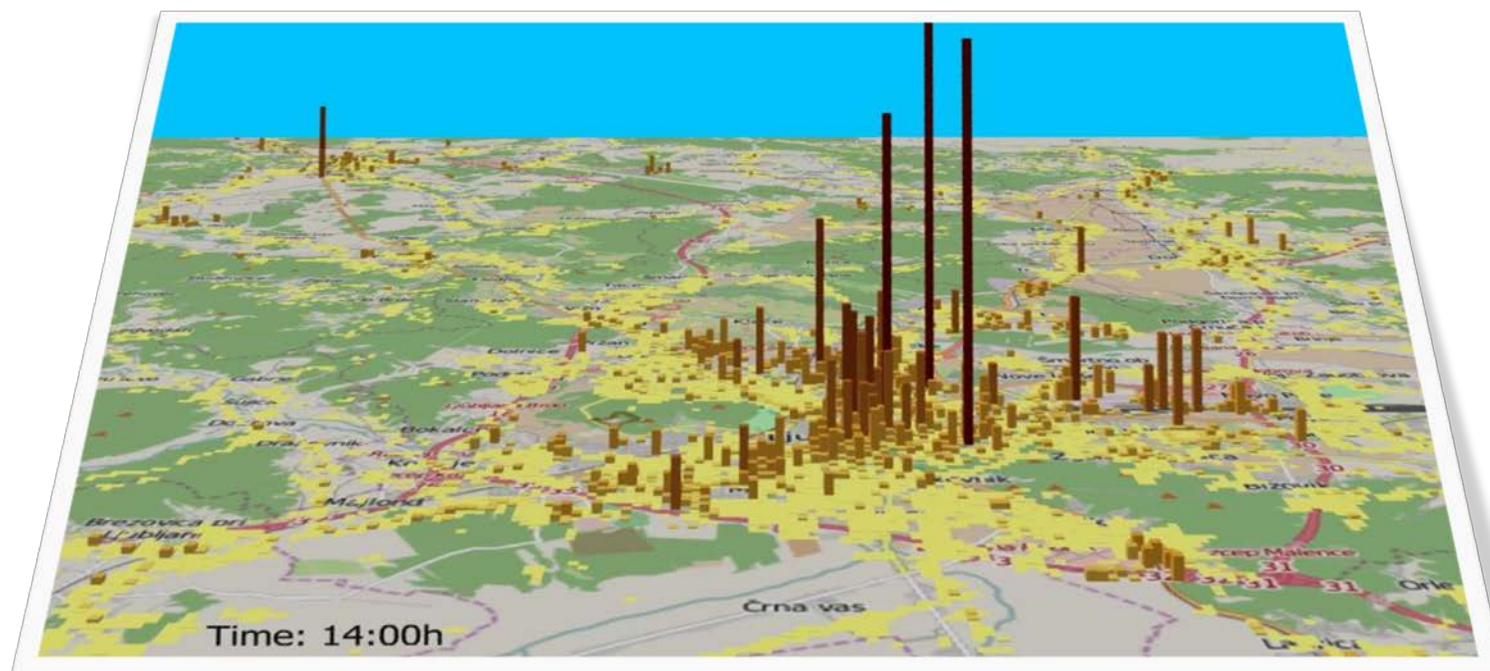
- from 1 mobile operator
- X,Y co-ordinate of the base station
- anonymised ID of the device
- exact date/time
- 1 May – 31 October 2014



Project

➤ Mobile data in official statistics

- examine the potential of mobile big data for official statistics
- examine the privacy risks (data transfer, handling, dissemination)
- knowledge, skills
- statistical derivatives
- case study to communicate
- Project report in March 2016



Thank you!