

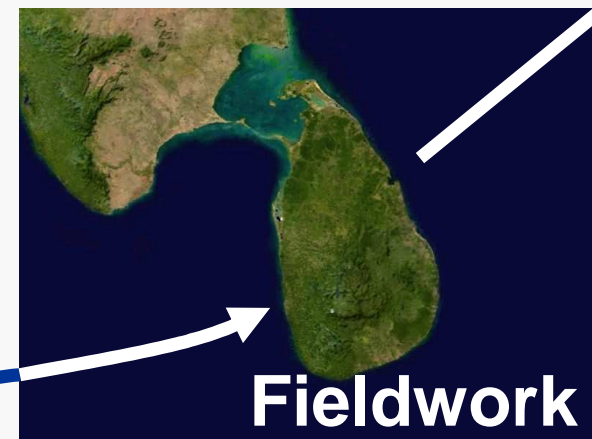
# Address as a key in statistical work

Nordisk addressese seminar – Odense 4. juni 2010

Statistical Norway – SN(SSB)

Coen Hendriks, Kristin Glomsås

# From a real story: Wich addresses is Jorunn using?



## SNs "method": get the address information from the source

Type of address	Used by	Source
adresse of residence	Civil rights and duty: voting, tax <i>Population statistic</i>	NPR- Norwegian population register
Postal address on place of study	Receive post at place of study <i>Emit form – telephone interview</i>	Norway Post/Educational institution
address of the semester on the place of study	Actual address <i>Statistic on the place of usual residence (population and housekeeping)</i> <i>The Census 2011</i>	Educational institution Norwegian State Educational Loan Fund
Temporary address abroad	Contact Information <i>Befolkningsstatistikk etter faktisk bosted</i>	Norwegian Labour and Welfare Organisation -NAV

## Sources with address information – some are established, some in progress

- Cadastre – the Norwegian address system
  - addresses
  - addresses with dwelling number
- NPR, inc Svalbard population
- Norway Post (NP)
- Educational institution - develop a new dataflow to SN
- NAV - Develop dataflow to a new source
- SNs household statistics
- SNs interview activity
- the Central Coordinating Register for Legal Entities

# Address from Statistical Population Register(SCR) and other sources

address today (SCR)			New sources					
ID	Formal	Post	SVB	Education	NAV	NP	SN-Househ	SN-Interview





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Address today (SCR)			New sources					
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Population

ID	The Census2011
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Statistic

- 1. Priority 
- 2. Priority 
- 3. Priority 
- 4. Priority 

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Population

ID	Population
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Statistic

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# Address from Statistical Population Register(SCR) and other sources

Address today (SCR)			New sources					
ID	Formal	Post	SVB	Education	NAV	NP	SN-Househ	SN-Interview

Population

ID	Household
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Statistic

- 1. Priority 
- 2. Priority 
- 3. Priority 
- 4. Priority 

# Address from Statistical Population Register (SPR) and other sources

Address today (SPR)			New sources					
ID	Formal	Post	SVB	Education	NAV	NP	SN-Househ	SN-Interview

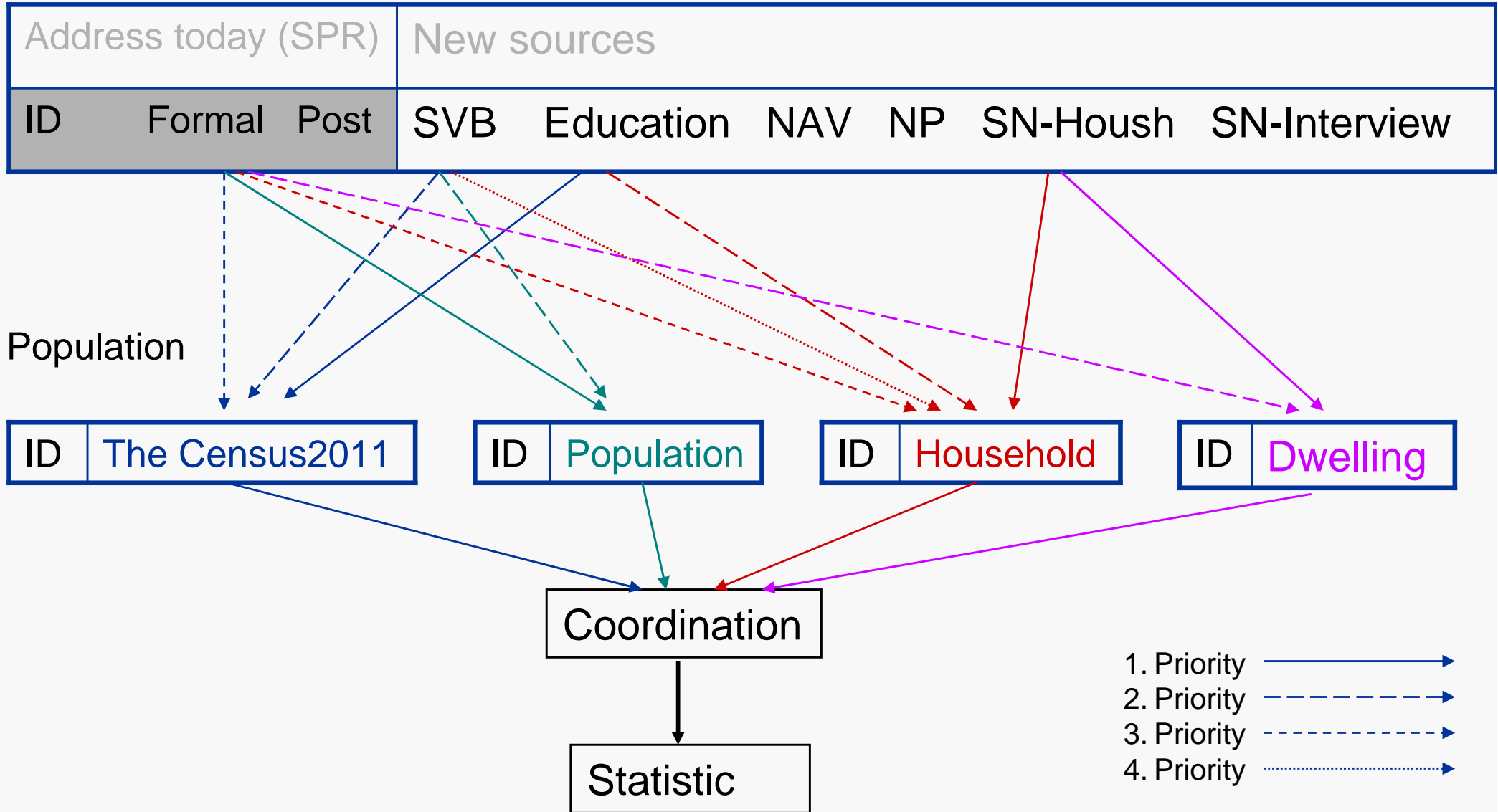
Population

- 1. Priority 
- 2. Priority 
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ID	Dwelling
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Statistic

# Address from Statistical Population Register(SPR) and other sources



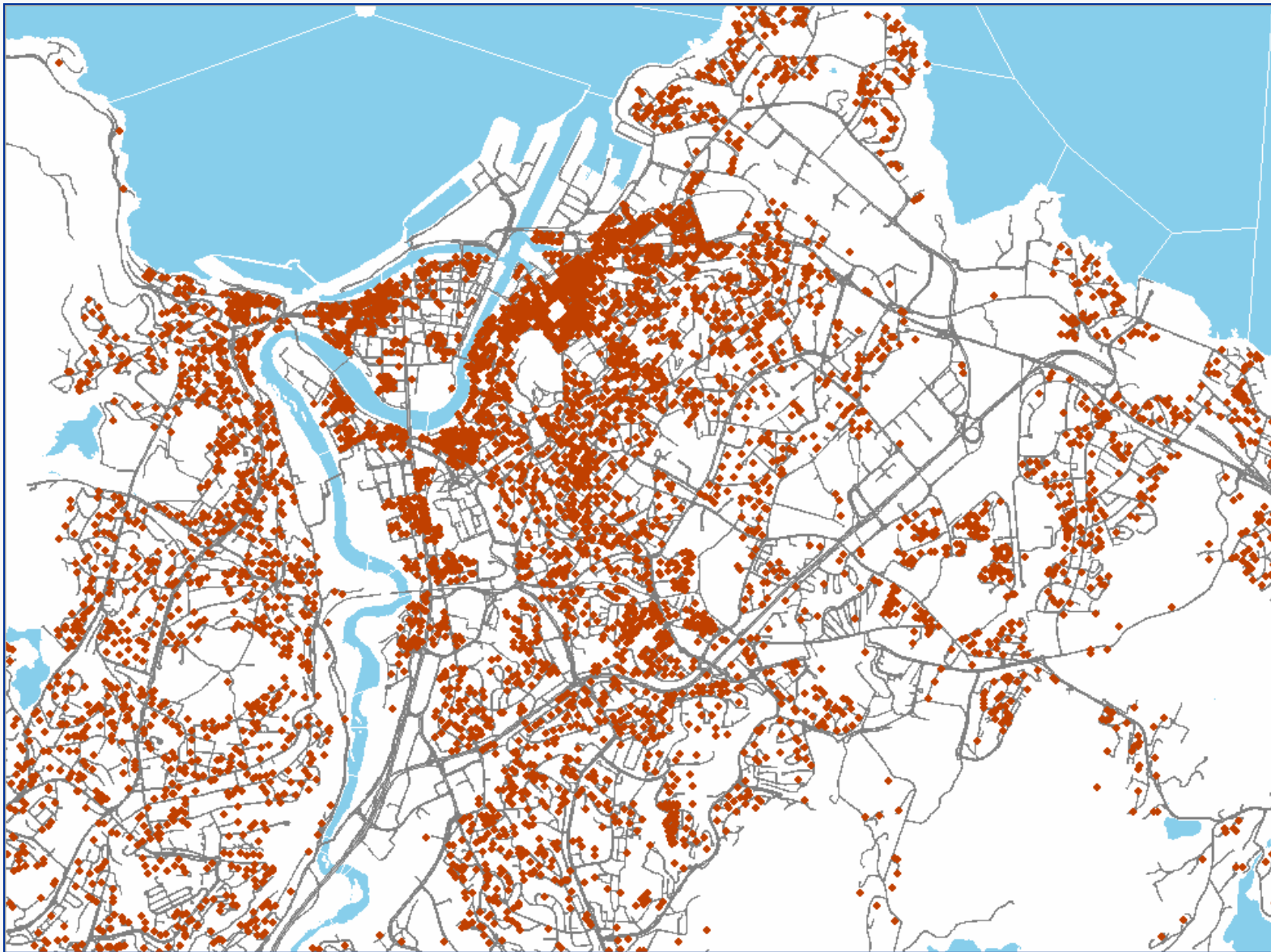
# How can SN use this information

- The Census 2011
- Population statistic by actual address
- Statistic for household by actual address
- Populated and empty residence
- Better and more information about interviewee

# Students in Trondheim

- 38 539 students (2008) and 169 144 residence (g2009k2)
- 21 865 of the students has place of living from NPR outside of Trondheim
- 15 998 "uninhabited" residence (g2009k2)
- The Census 2001 - 1,55 students per residence
- ...we need about 14 000 residence for this students

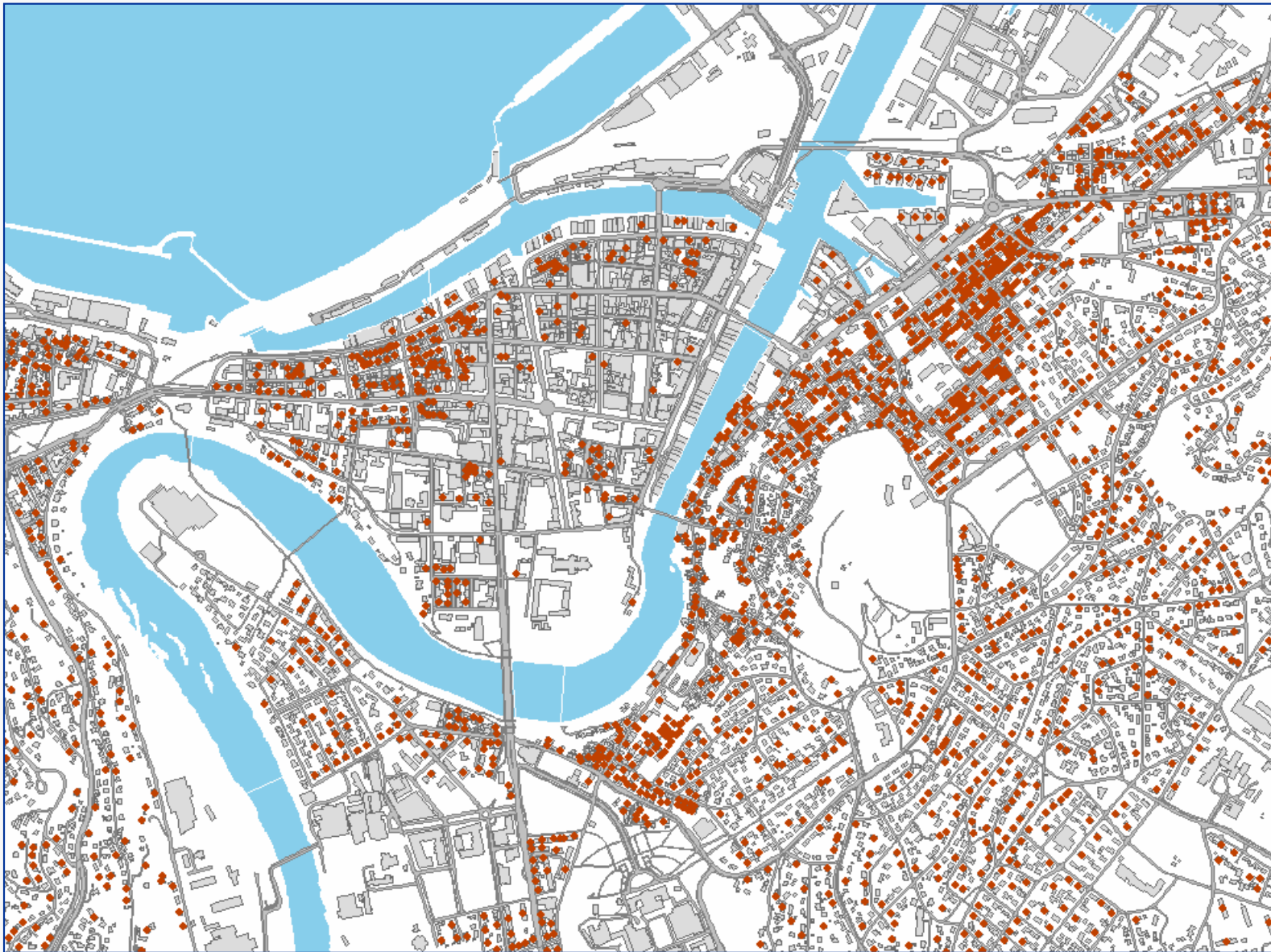
# Vacant residence in Trondheim g2009k2 (16')



# Hypothetical situation – placing the students



# Vacant residence in Trondheim 2



# Hypothetical situation – placing the students(2)



# Conclusion

- Use a standardized address in the sourceregister in Norway
- It is important that every unit has a unique address
- Make a "highway" from those who produce the address, out to the user of the address