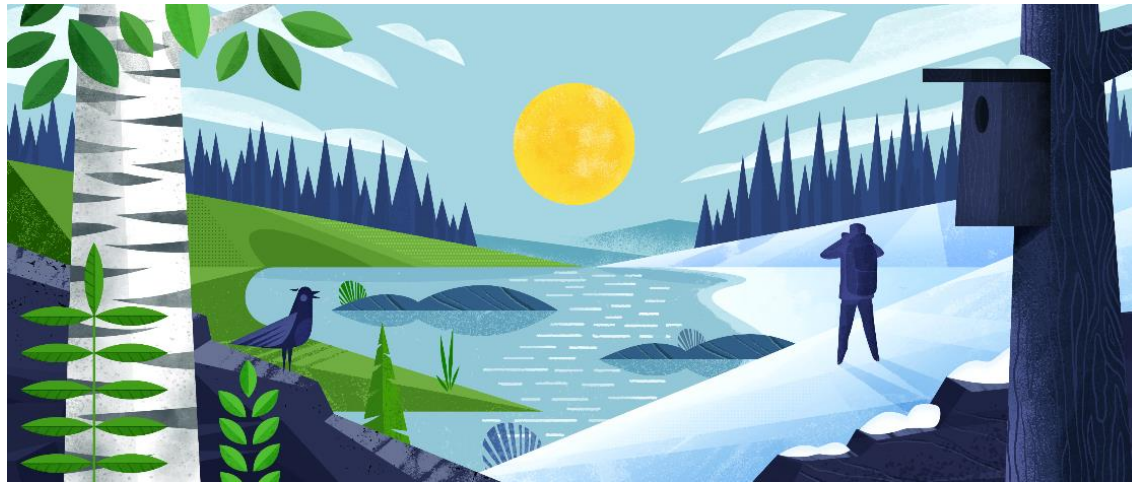




Weather and impact observations using a mobile weather app in Finland



Pauli Jokinen / *Ismo karjalainen*



Motivation & plans

- **New kind of information**
 - impacts & rare local weather
- **FMI weather app**
 - 1 000 000 downloads
- **Simple, anonymous & easy**
 - no registration

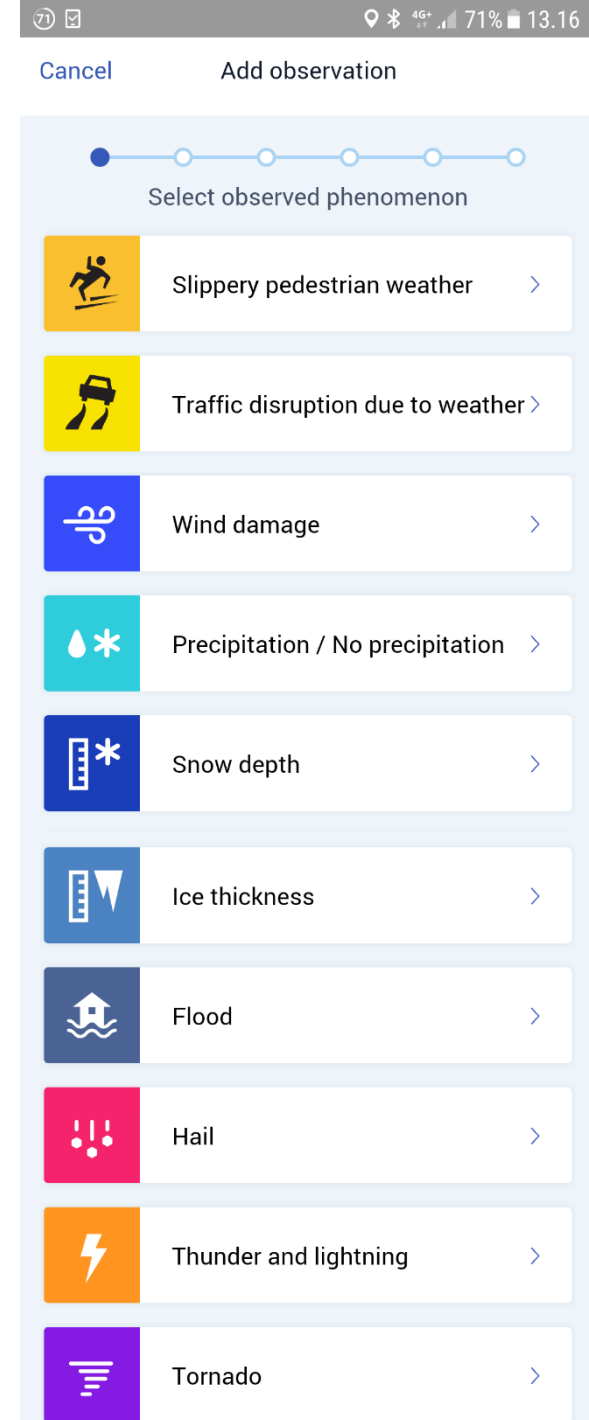
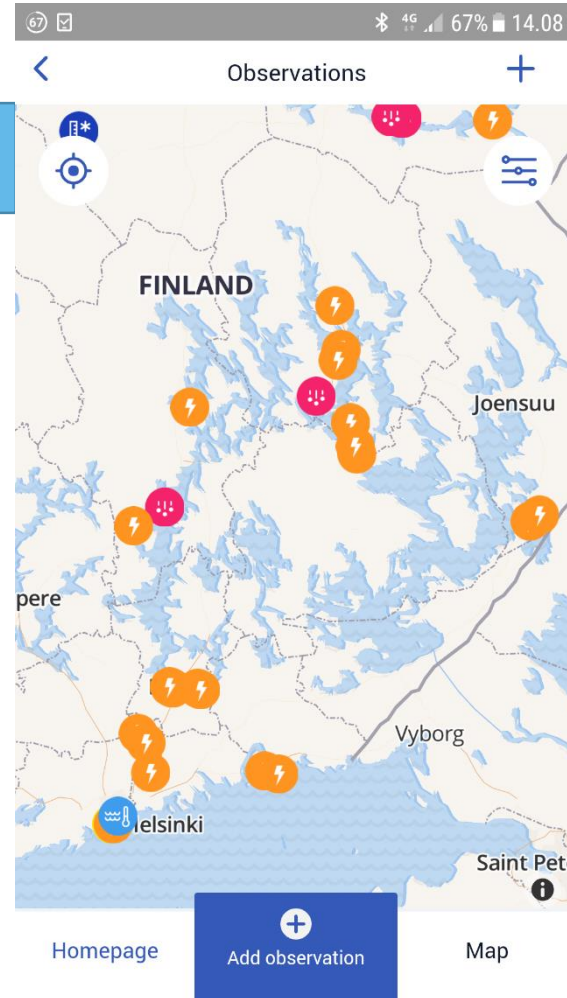




5-steps

Open "My observations"

1. Choose phenomenon
2. Choose additional info
3. Set location
4. Set obs. time
5. Summary and send





Statistics (almost one year)

38 000
observations

Suspicious:
~ 4 %

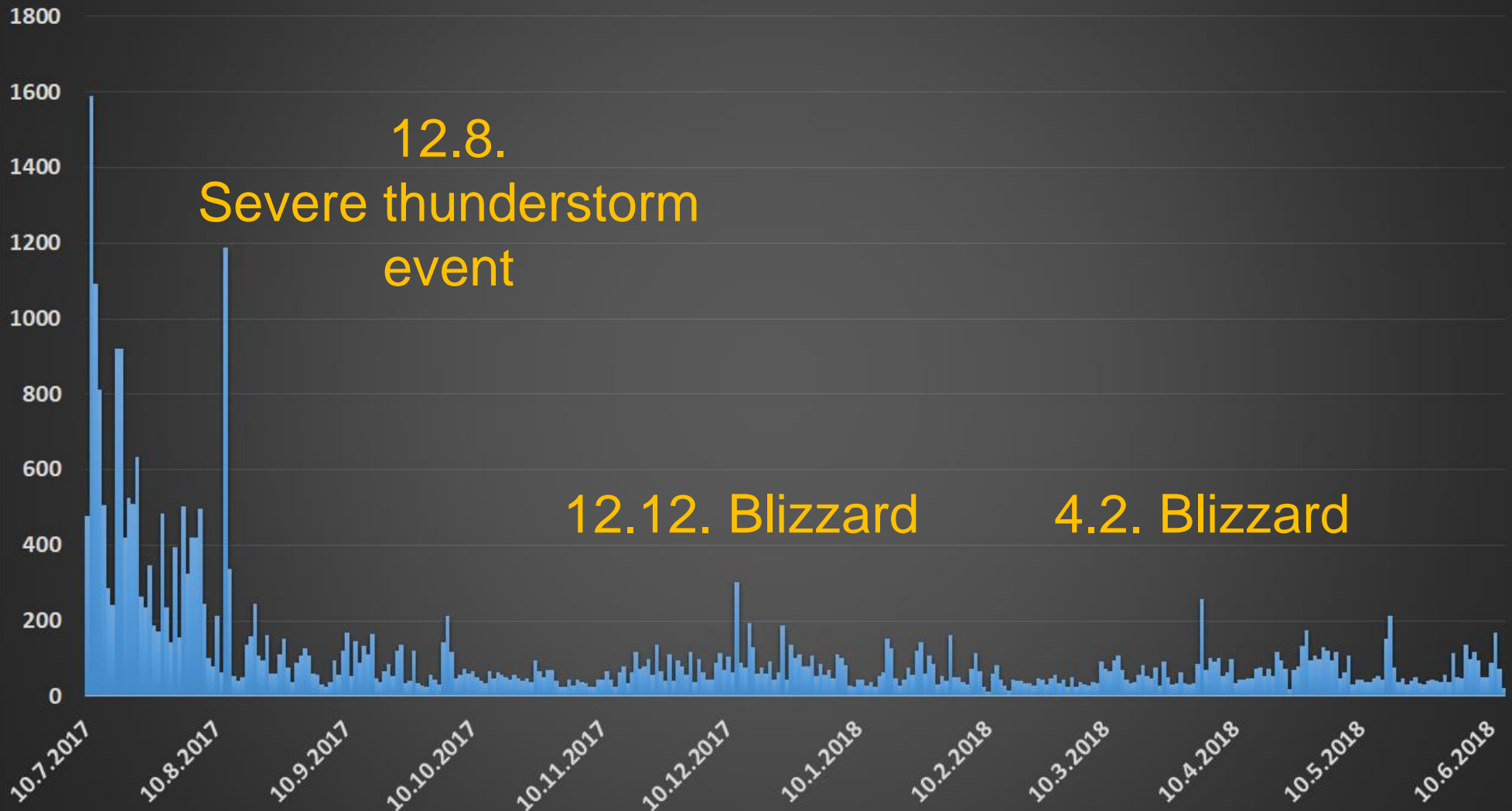
Rejected:
~ 11 %

110 per day
(13...1588)

12 000 users

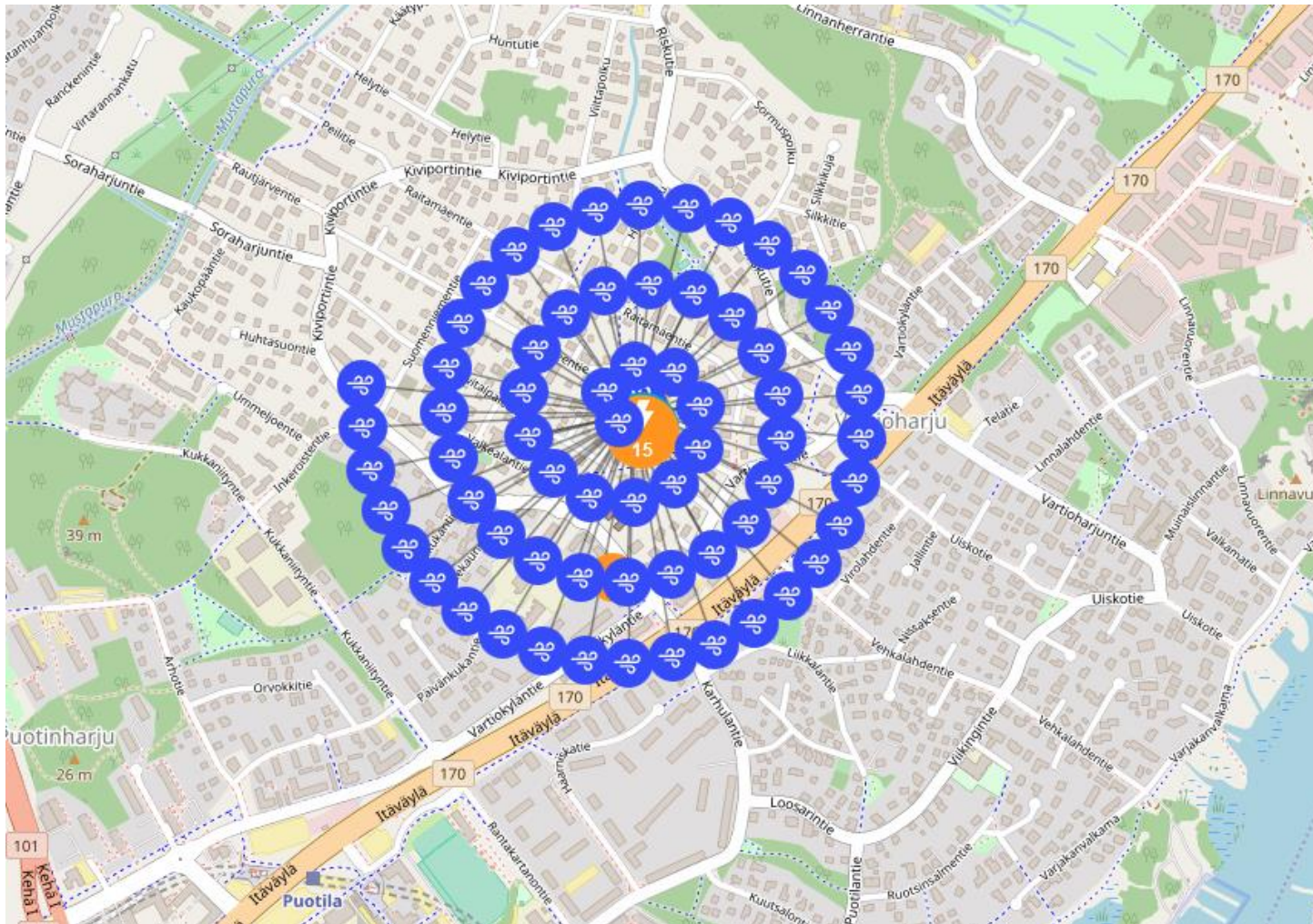


Observations per day



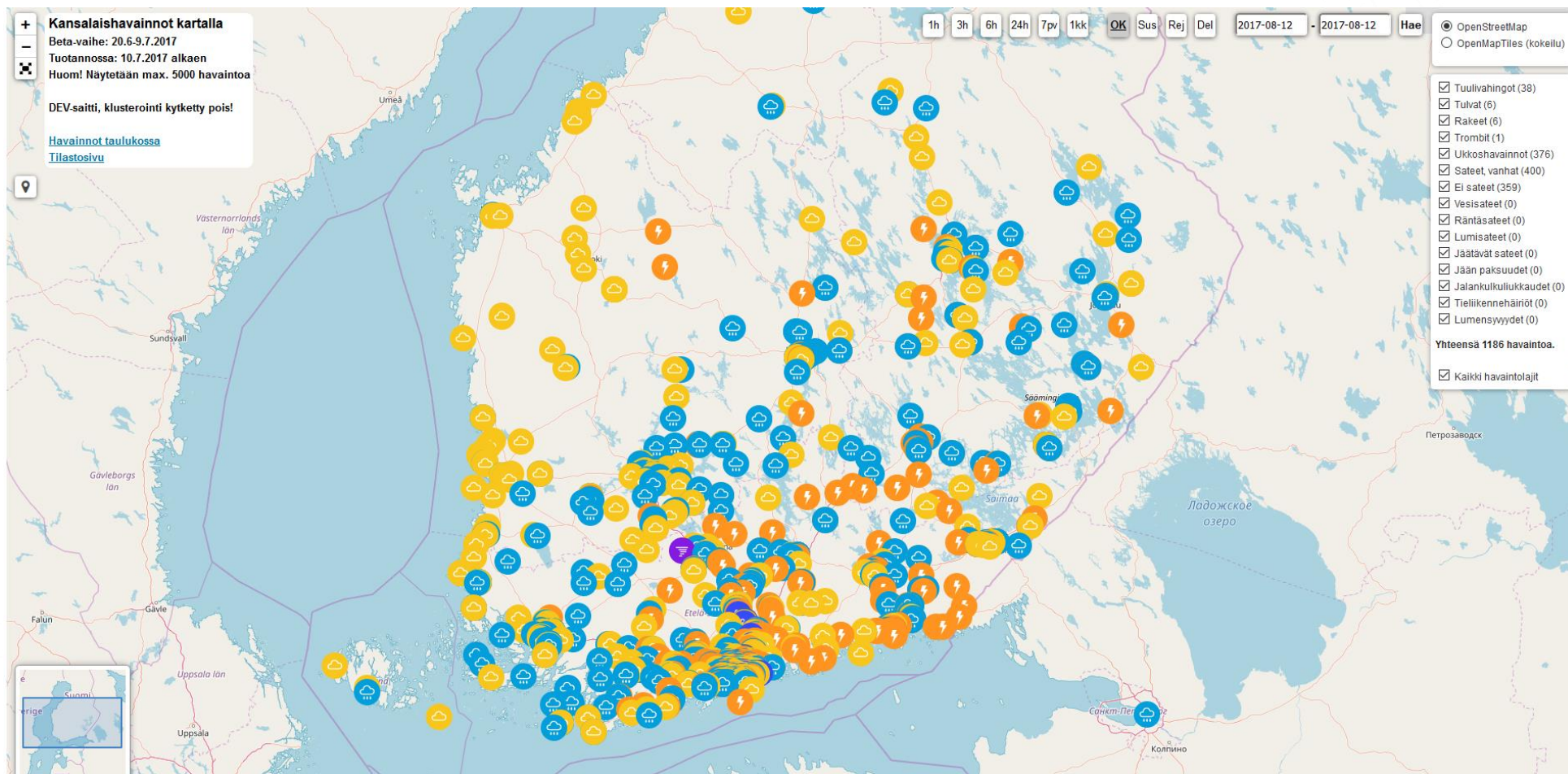


The "troublemaker" made 400 wind damage obs





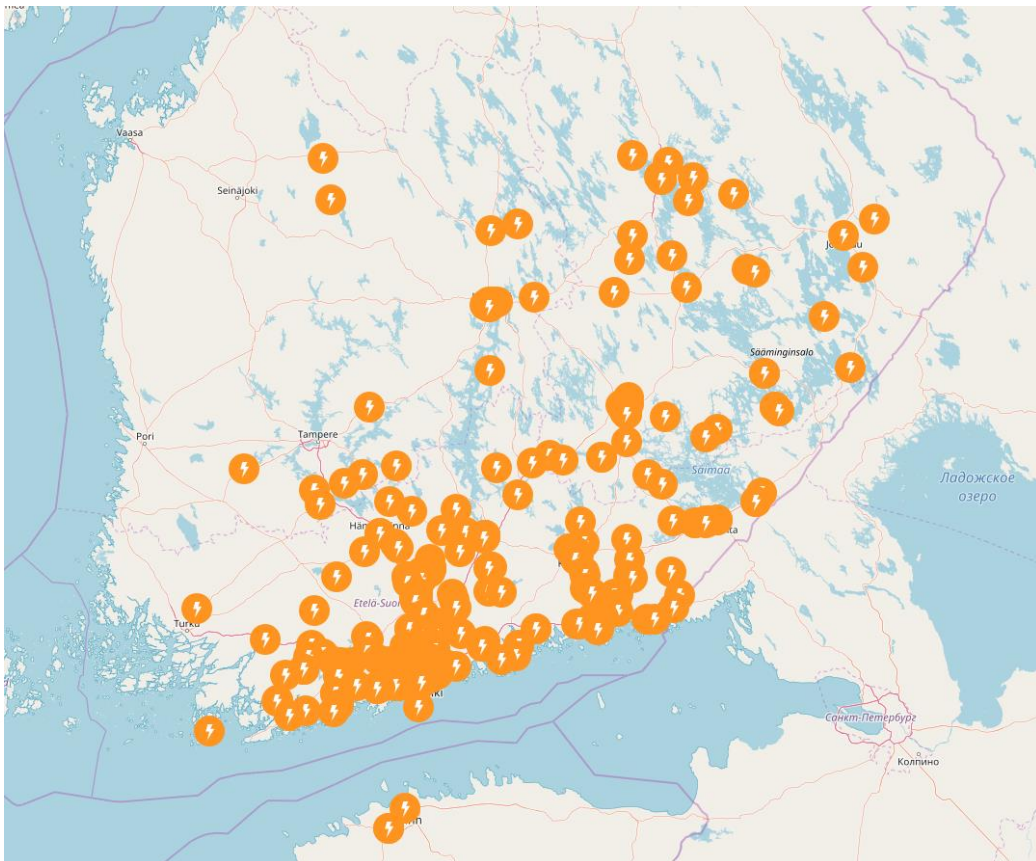
MAP view – Severe thunderstorm 12.8.2017



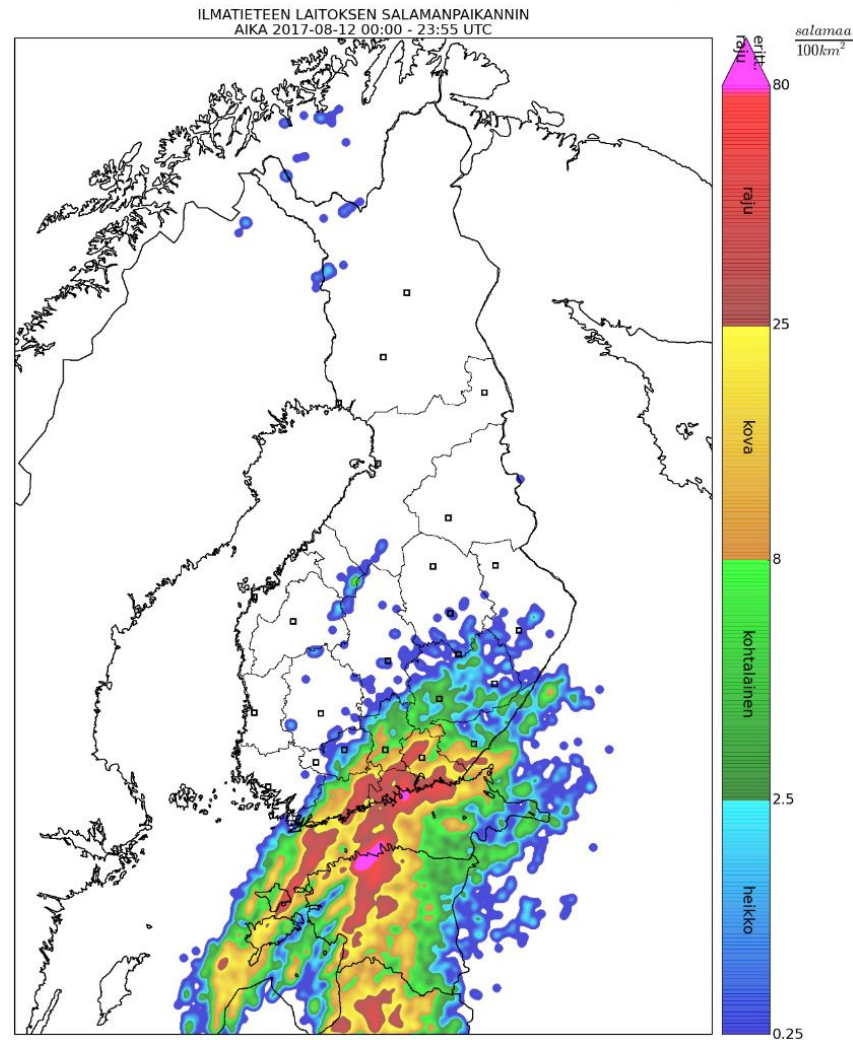


Thunder observations

Citizens



Lightning detection





Lessons learnt

Quantity

Service not widely known

Push-notifications?

Quality

Photos?

Certified observers?

Researchers' needs vs the public
(number of clicks)

Users' needs and wishes important!



Questions?

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