

 Tampere University of Applied Sciences

# Älypysäkki (Smart TrafficHub) Project

Älypysäkki-hanke



Euroopan unioni  
Euroopan aluekehitysrahasto

Vipuvoimaa  
EU:lta  
2014–2020

# Smart Traffic Stop Survey

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# Introduction

This presentation discusses the **smart traffic stop survey** for the Älypysäkki project

The objective of the survey is to collect requirements, needs, and ideas for concrete smart traffic stops in Pirkanmaa region (for future work)

- Survey overview and a few initial results (as an example)
- Discussion, workshop continues (new survey responses are mostly welcome!)

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## Q: What Kind of Smart Traffic Stops for Pirkanmaa? (Huom. varsinainen kysely on toteutettu suomeksi)

### Respondent info (optional)

#### What and to whom?

5. What should a smart traffic stop be like?

6. What end-user services should be offered? Who are the (main) end users?

7. What smart traffic stop services your organization might produce?

#### How?

8. How should end users be able to use smart traffic stops?

9. How could services provided by you, be included in smart traffic stops?

10. What kind of infrastructure your organization would need for providing services?

11. What knowledge or support your organization would need?

12. What (other) existing services should be integrated into smart traffic stops?

#### Where?

13. Where should the smart stops be located and how accessed?

14. Into which physical or virtual environment your organization might produce services or content?

#### Something else?

15. Any other comments?

### Millaisia älypysäkkien tulisi olla Pirkanmaalla?

Älypysäkillä tarkoitetaan tässä fyysisistä tai virtuaalisista palveluista, jonka avulla joukkoliikenteen matkustaja voi mukavasti lähteä matkalleen, löytää määränpäähansan eli välinein sekä saada matkantekoon liittyviä tietoja ja palveluita.

Tämän kyselyn tarkoituksena on kerätä tietoja älypysäkkien määrittelyyn ja suunnitteluun tueksi Älypysäkki-hankkeeseen ja jatkohankkeisiin liittyen. Vastaajat eivät vastauksissaan sitoudu mihinkään. Vastaukseen menee aikaa noin parikymmentä minuuttia. Hanketta rahoittaa Pirkanmaan liitto EAKR-rahoituksella.

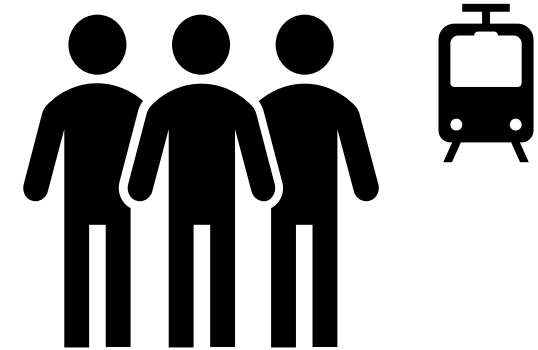
Kyselyn tuloksia käsitellään ja jatkajalostetaan hankkeen työpajassa 11.2., lisätiedot ja ilmoittautuminen: <https://projects.tuni.fi/alypysakki/toinen-tyopaja-11-2/>

Vastaajan tiedot

1. Nimi (vapaaehtoinen)

[Linkki kyselyyn työpajan ohjelmassa](#)

# What and to Whom?



## 5. What should a smart traffic stop be like?

*Nice and sheltered room with (e)services*

*Services based on user profile, with little efforts*

*Info about taxis, ordering taxis (etc.)*

*Integrating mobility as a service (MAAS) with payment etc. functions*

## 6. What end-user services should be offered? Who are the (main) end users?

*Electronic services, route planning, WIFI, general info, next buses/trams, prices*

*All city transportation and other services (incl. electronic scooters)*

*News, ads, device charging*

*Info how to best get from point A to point B*

## 7. What smart traffic stop services your organization might produce?

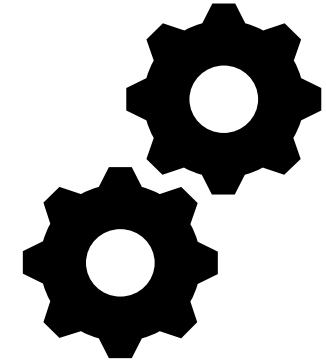
*People and goods transportation services*

*Timetables, real-time information, issue-related notifications and other services*

*Service design, data analytics services, mobile services*

*Route planning, human-machine interfaces (HMI), applications related to, e.g., shared cars*

# How?



## 8. How should end users be able to use smart traffic stops?

*Services should be accessible and easy to use, also for the elderly people and people with vision impairment*

*In a neat and simply way, using mobile self-service with integrated payment*

## 9. How could services provided by you, be included in smart traffic stops?

*Access and information how to use our services (with visible company branding, etc.)*

*Possibly by adding extra services, incl. mobile fueling and charging services*

*Via iterative service, payment, etc. solution development*

## 10. What kind of infrastructure your organization would need for providing services?

*Common interfaces for service providers*

## 11. What knowledge or support your organization would need?

*Not known yet; requirements needed first*

## 12. What (other) existing services should be integrated into smart traffic stops?

No responses to this question yet

# Where?

## 13. Where should the smart stops be located and how accessed?

*Most central stops with majority of passengers*

*Natural hubs like bus station, railway station, shopping centers and town centers*

*Cell phones and to certain extent via physical interfaces in the city*

## 14. Into which physical or virtual environment your organization might produce services or content?

*Mobile, web, cloud, connectivity or physical devices and embedded systems*



# Conclusion

- In this presentation, we have introduced the **smart traffic stop survey** for the Älypysäkki project
- The workshop next continues with open discussion about the survey topics
- All participants are encouraged to respond to the survey (survey link provided in workshop program, *kysely on suomenkielinen*)
- In order to develop smart stops in the future, collecting related information is very important because of the underlying **Chicken or the egg problem**
- Thank you!

