



Finnish Institute of  
Occupational Health

# *Well-being through work*



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Occupational Health

# Improving resilience in waste transport – from research to practice

SAF€RA Symposium, Athens 2016

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# Research: Improving resilience in waste transports

## Objective

Increasing safety and well-being of waste transport workers.

This will be approached by

- Being prepared for unforeseen changes and disruptions

Timetable: **1.4.2014-30.4.2016**

## Co-operation

Lassila & Tikanoja Oyj  
RenoNorden Oy



Työsuojelurahasto  
Arbetskyddsfonden  
The Finnish Work Environment Fund

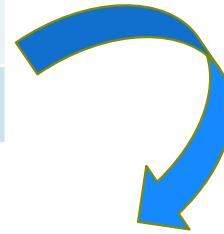
# Study phases

## Present state analysis

Literature review

Analysis of near misses and accidents

Observations and interviews



## Questionnaire

- Occupational Safety

- Disruptions

- Acting while disruptions



## Tool

Development and testing

# Observations:

Basis for reporting accidents and near misses differs

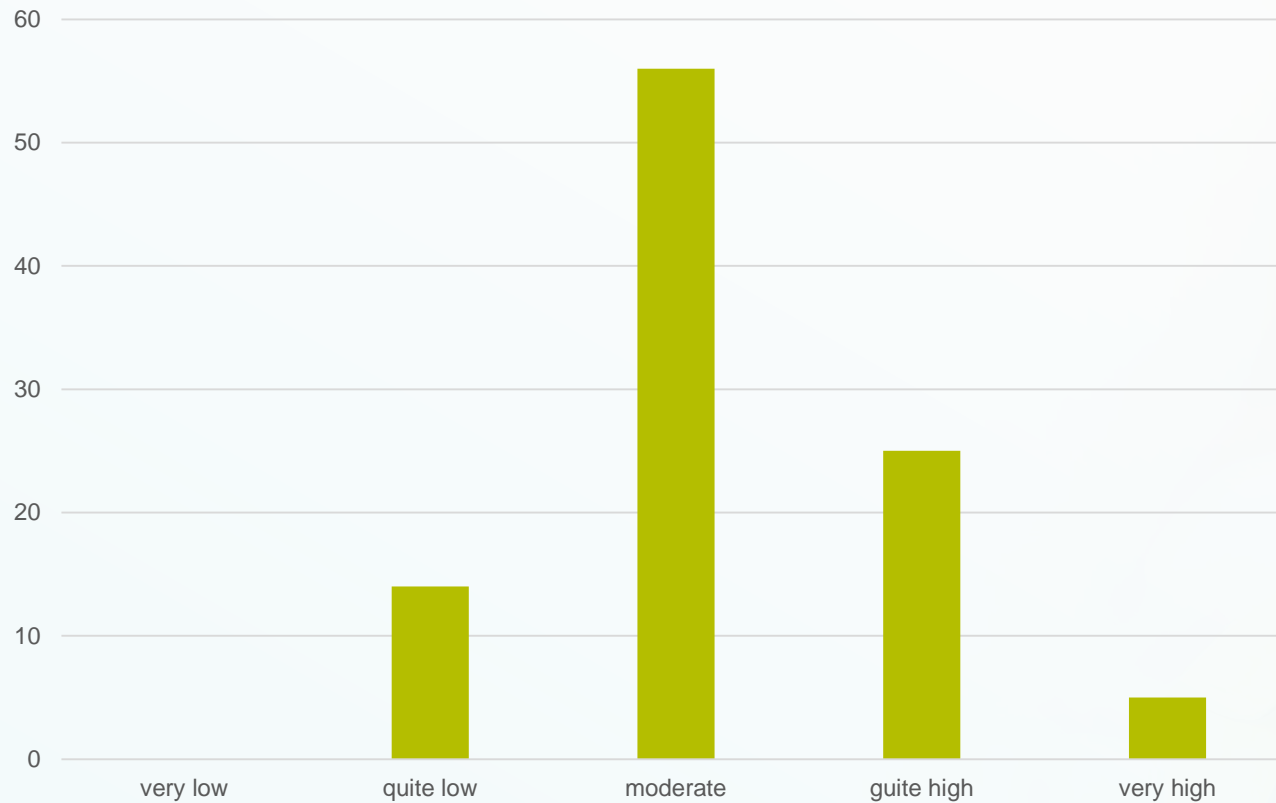
Disruptions are seen as part of work

- *Accident risk?*

# Accident risk

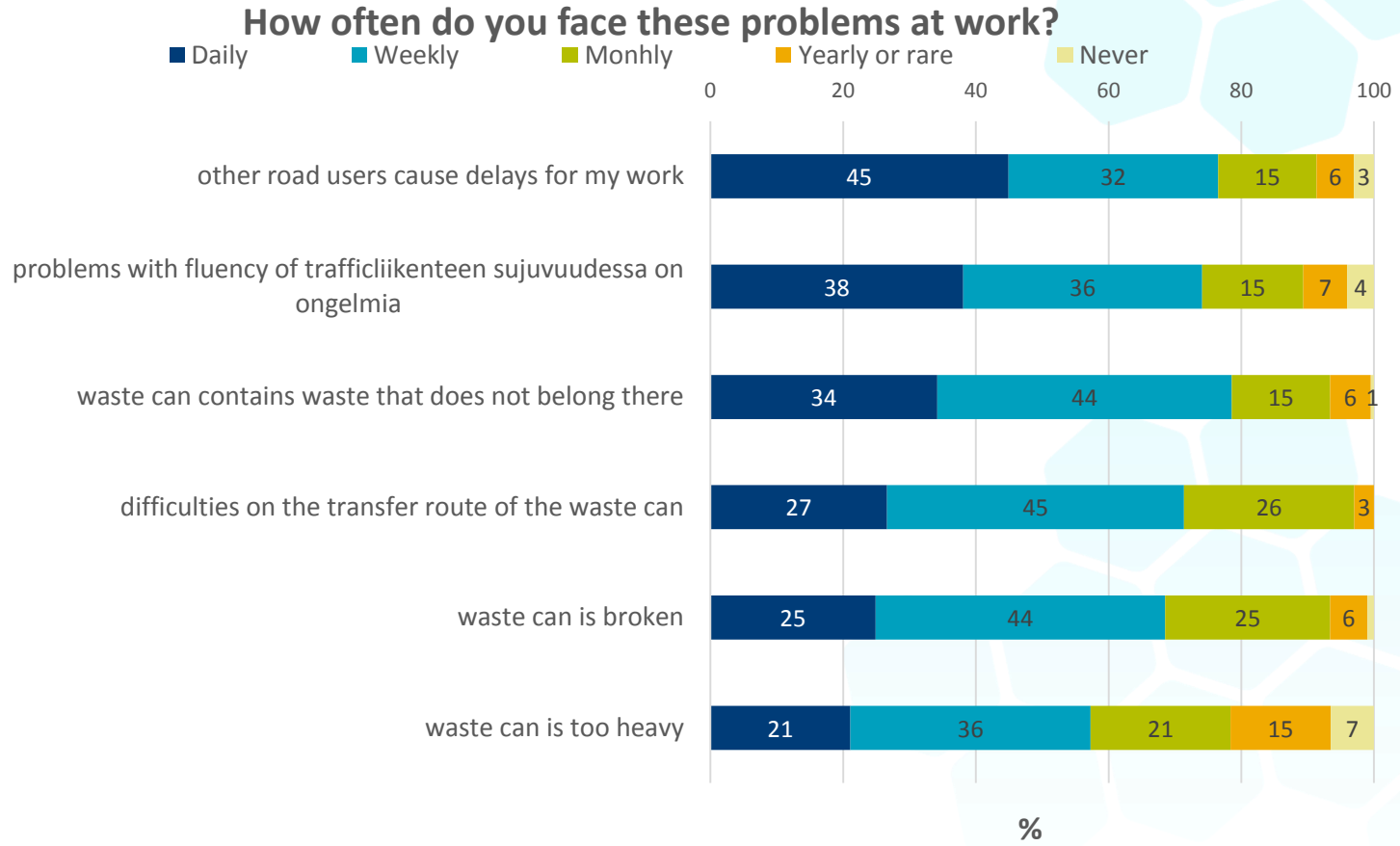
(Questionnaire: Improving resilience in waste transports)

How high is accident risk in your work



# Disruptions

(Kysely: Improving resilience in waste transports)

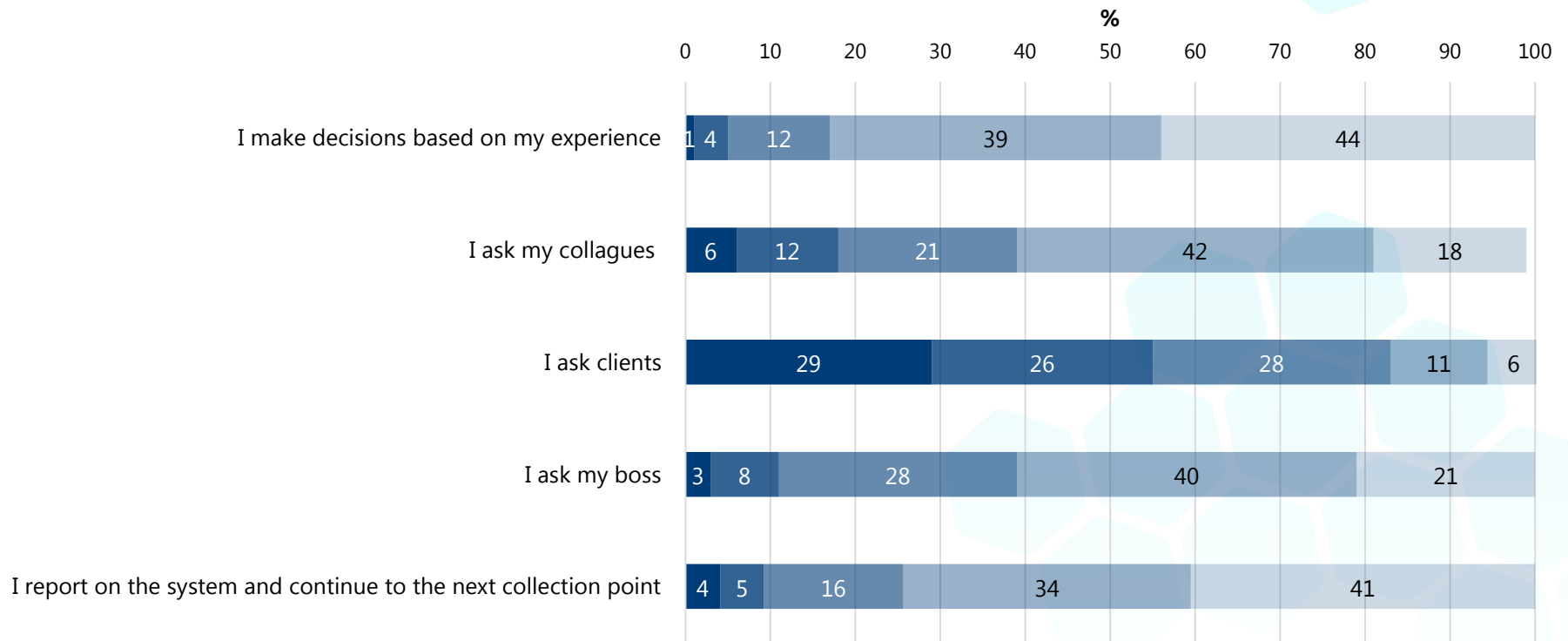


# Acting while disruptions

(Questionnaire: Improving resilience in waste transports)

## How do you act with work-related problems?

■ 1 = very unlikely ■ 2 ■ 3 ■ 4 ■ 5 = very likely





# Some results

- Lots of disruptions during working days
- Confirming safety while disruptions vs. hearing managers talking about safety
- Importance of sharing experiences and opinions with colleagues

# Tool for foremen

## **Annual schedule for safety of waste transport workers**

- Monthly safety theme
- Content:
  - Material for meetings
  - Additional information for foremen
  - Checklists
  - Info-tv –material

**[www.ttl.fi/ymparistohuolto](http://www.ttl.fi/ymparistohuolto)**



# Ympäristöhuoltoalan turvallisuuden VUOSIKELLO



[www.ttl.fi/ymparistohuolto](http://www.ttl.fi/ymparistohuolto)



# Don't let slippery road surprise you

- What should be taken into account?
- What if the road is so slippery that you do not dare to drive?



ISTOCK

# Ajankohtaista

ISTOCK



# *Tarkista, että työautosi on varustettu häätätilanteen varalta*



# Safety communication – Co-operation is essential

- Inside waste transport companies
- Co-operative companies
- Workplaces
- Households



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*Thank you!*



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*tyoterveyslaitos*



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