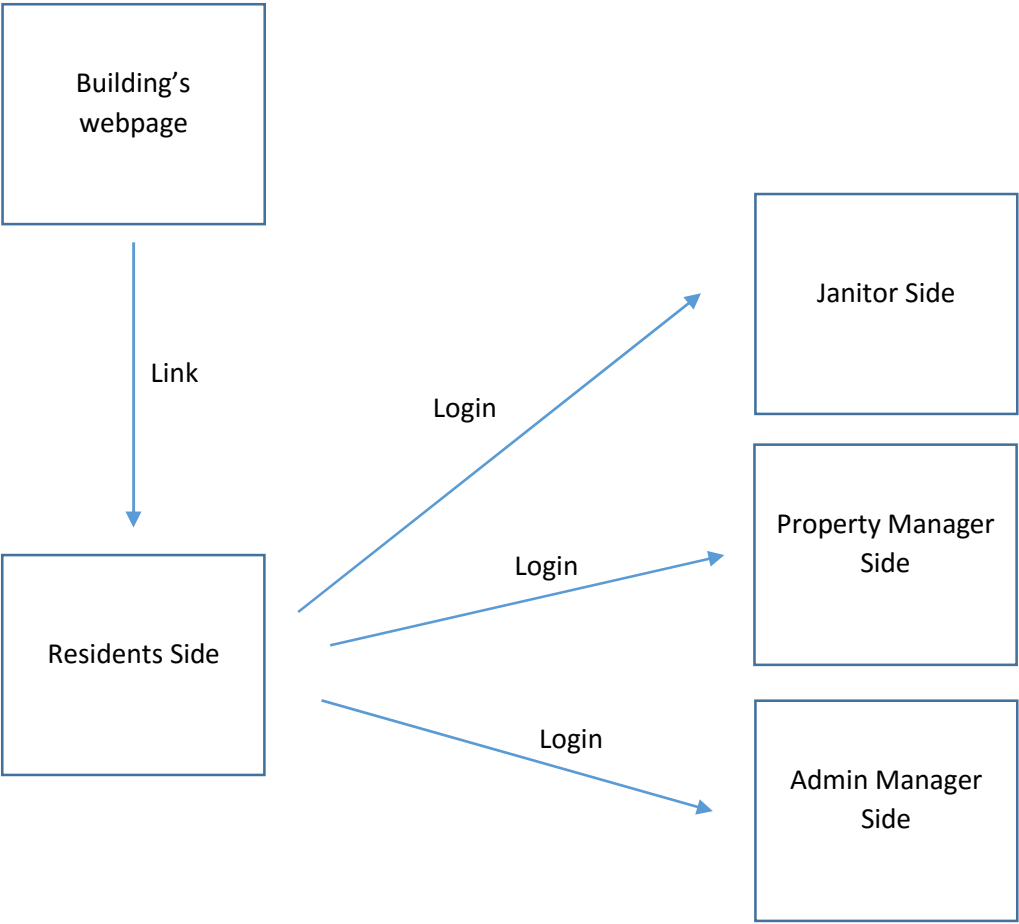


Sketch General v3.1

DEMOLA - ENERGY MANAGEMENT FOR HOMES

FABIAN JORDAN



Message flow



Janitor



Property manager



Admin



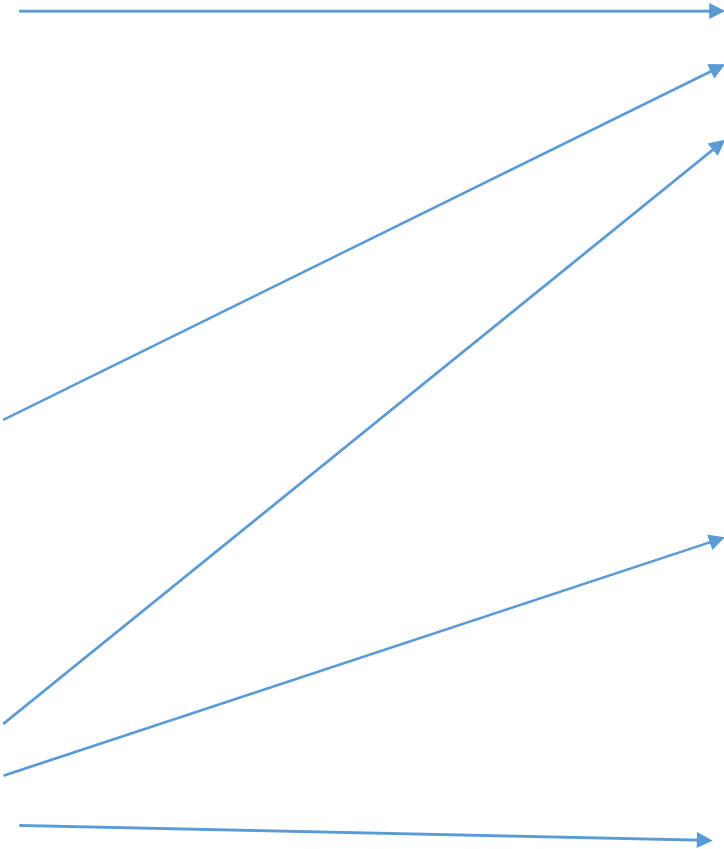
Residents



Janitor

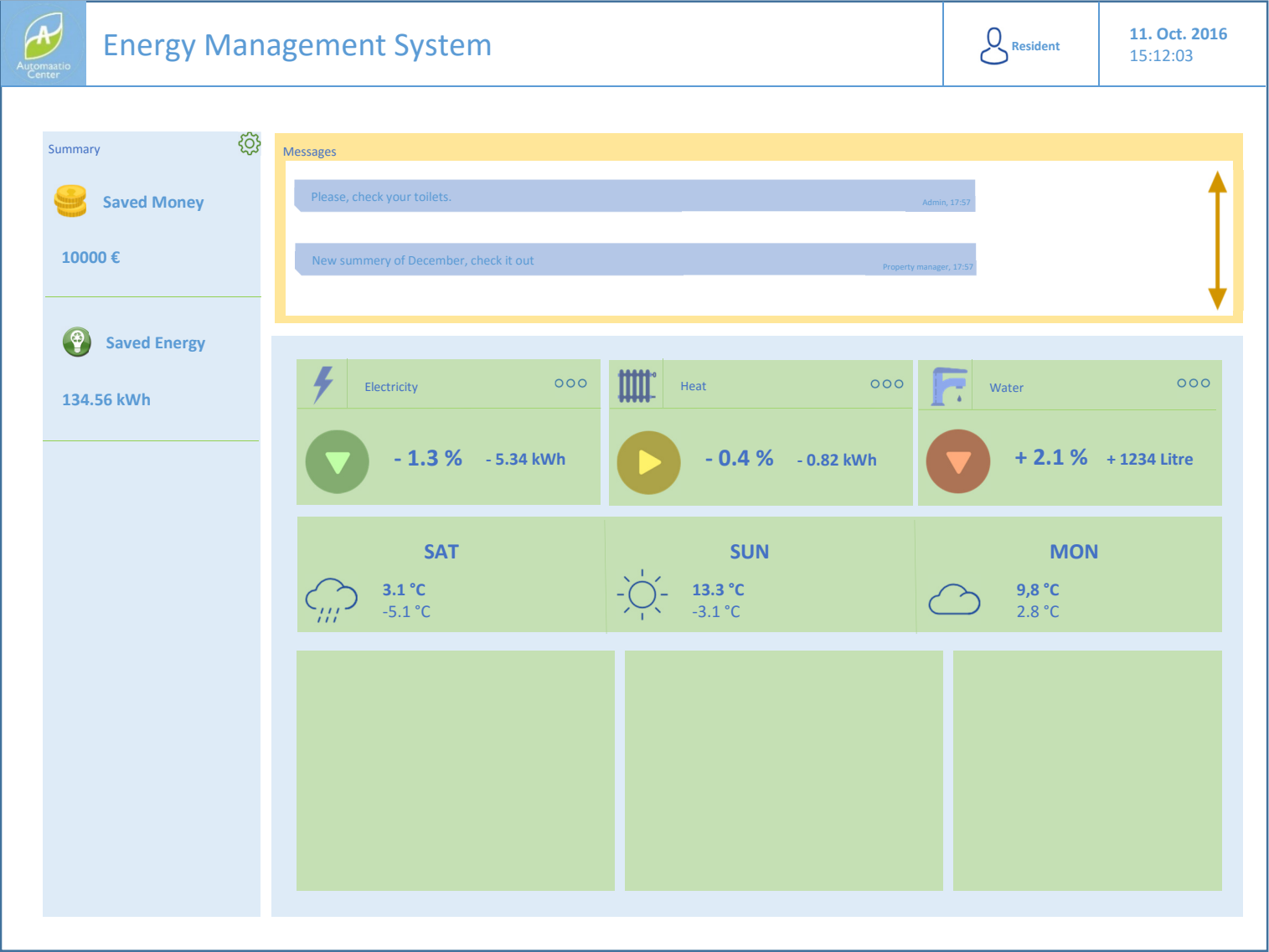


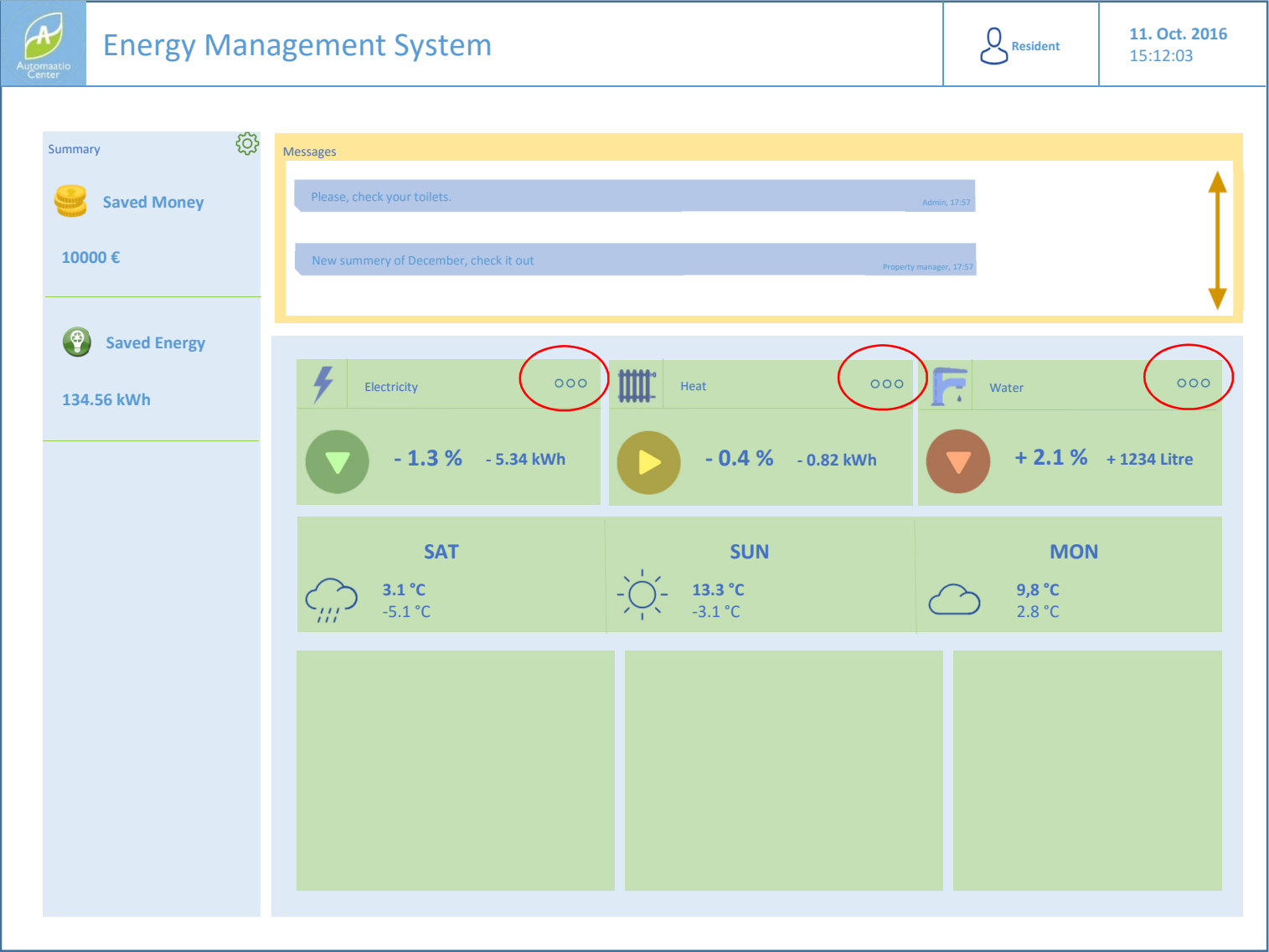
Property manager

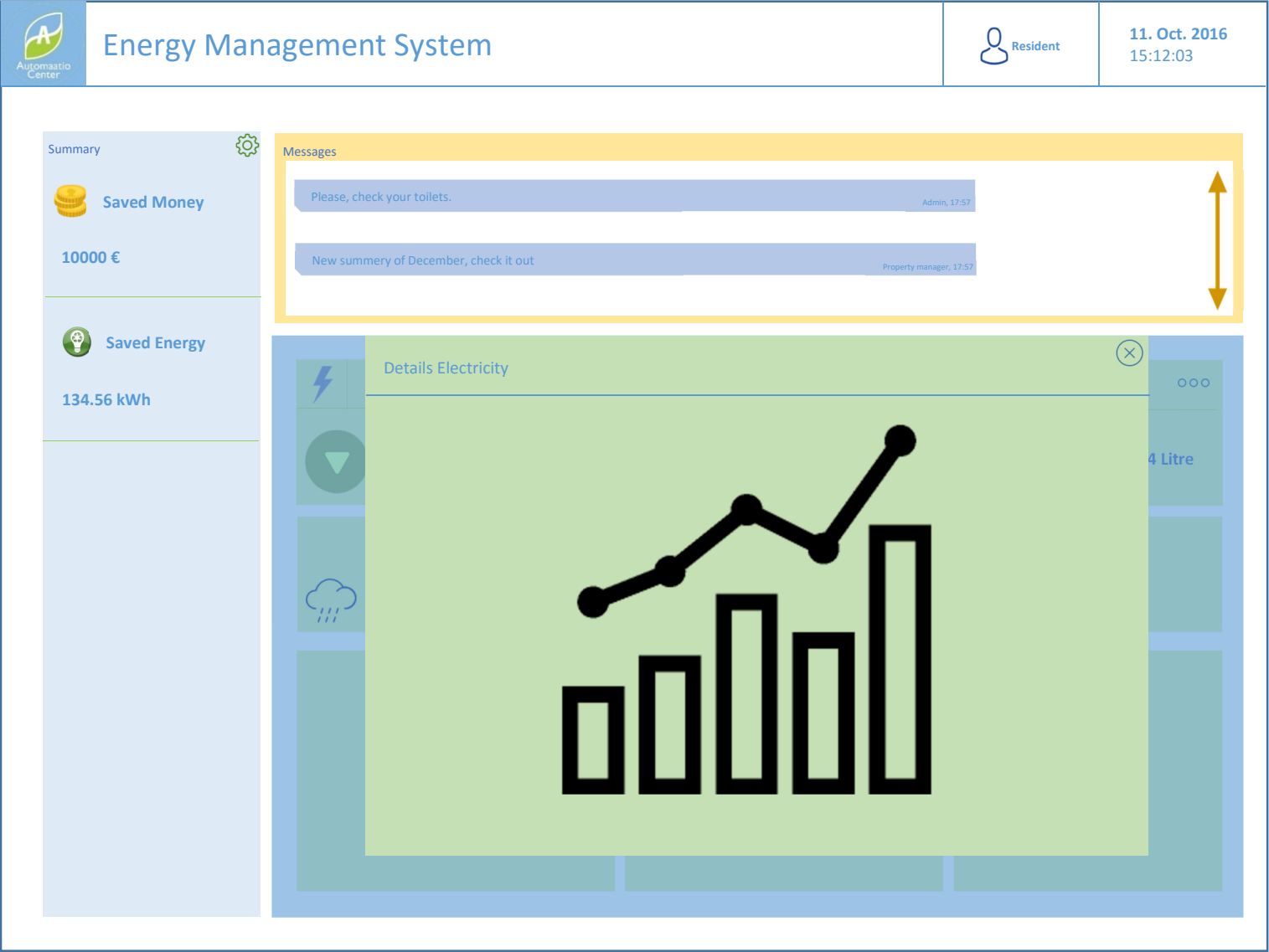



Send a message













Energy Management System


 Resident

11. Oct. 2016
15:12:03


Summary

 Saved Money

10000 €

 Saved Energy


134.56 kWh




Messages


Please, check your toilets.
Admin, 17:57

New summary of December, check it out
Property manager, 17:57


 Electricity


○○○

 - 1.3 % - 5.34 kWh


 Heat

○○○


 - 0.4 % - 0.82 kWh

 Water


○○○

 + 2.1 % + 1234 Litre


SAT


 3.1 °C
-5.1 °C

SUN


 13.3 °C
-3.1 °C

MON

 9,8 °C
2.8 °C




Energy Management System



Janitor

11. Oct. 2016

15:12:03




Hans Muster

Lapinkaari 1

33180 Tampere


044 944 56 44

hans.muster@abc.com



User Level

Janitor

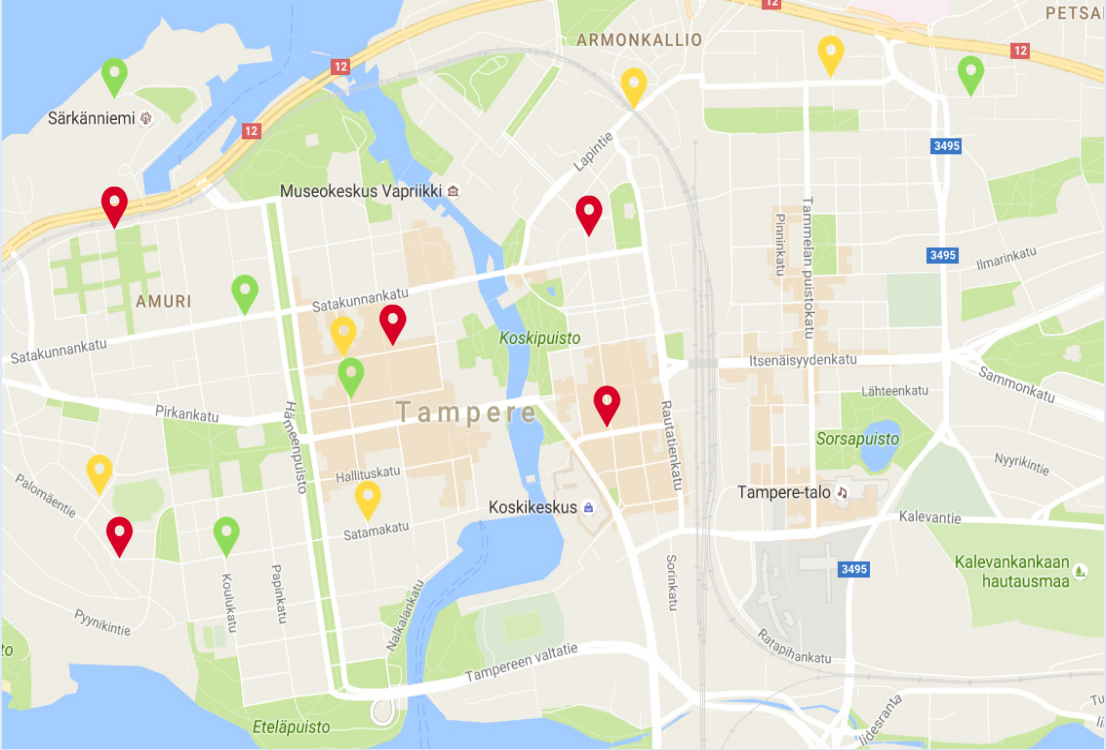



Buildings

34


Short Info

Map






Energy Management System



Janitor

11. Oct. 2016

15:12:03




Hans Muster

Lapinkaari 1

33180 Tampere


044 944 56 44

hans.muster@abc.com



User Level


Janitor



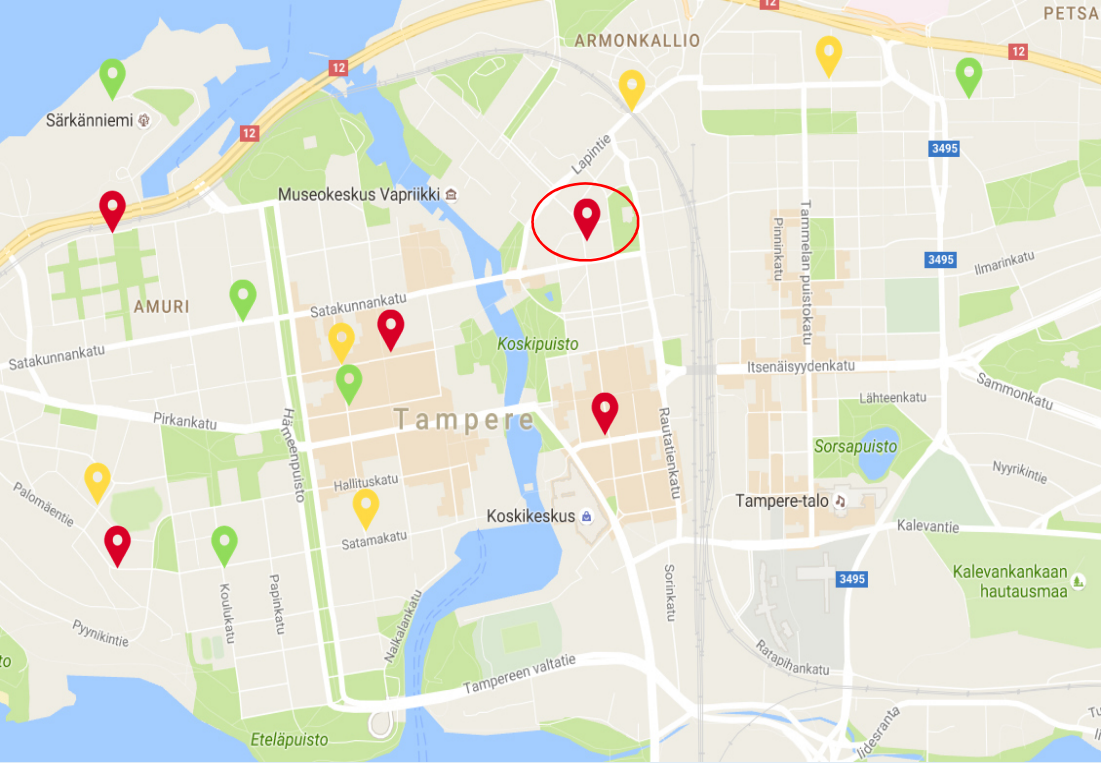
Buildings


34

Short Info




Map



Automatic Center

Energy Management System

Janitor

11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

 User Level
Janitor

 Buildings
34


Short Info

Heating is broken in the second floor




Map







Energy Management System


Janitor

11. Oct. 2016
15:12:03






Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

User Level
Janitor

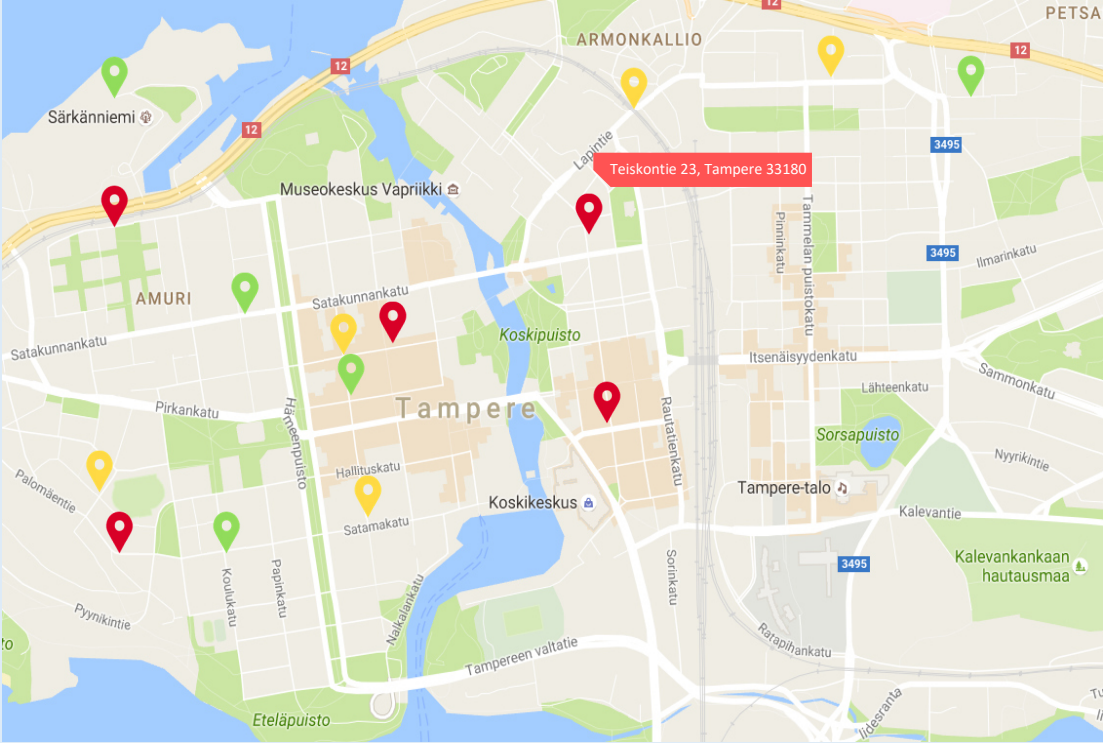
Buildings
34


Short Info

Heating is broken in the second floor




Map








Energy Management System


 Janitor

11. Oct. 2016
15:12:03





Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

 User Level
Janitor

 Buildings
34

House 2 - Teiskontie 23, Tampere 33180



Info


Heating is broken in the second floor.
Probably the thermostat on the west side could be the problem.
Don't forget a ladder with you.

Message Board

17:57


Please, check your toilets.

Property manager




Tim Muster
tim.muster@abc.com
044 944 23 89

Janitor





Hans Muster
hans.muster@abc.com
044 944 23 78


Janitor





Hans Muster
hans.muster@abc.com
044 944 23 78

 Data Collection

 Data House

 Electricity 23,56 kWh

 Heat 45.67 kWh

 Water 32434 l

Area	15338 m³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x

Search

House 1

House 2


House 3

House 4


House 5

House 6


House 7



Energy Management System

 Janitor

11. Oct. 2016
15:12:03




Hans Muster


Lapinkaari 1

33180 Tampere


044 944 56 44


hans.muster@abc.com

 User Level
Janitor

 Buildings
34

House 2 - Teiskontie 23, Tampere 33180





Info

Heating is broken in the second floor.
Probably the thermostat on the west side could be the problem.
Don't forget to take a ladder with you.

Message Board


17:57

Please, check your toilets.


17:57

Repair is carried out.


Property manager


 Tim Muster
tim.muster@abc.com
044 944 23 89


Janitor

 Hans Muster
hans.muster@abc.com
044 944 23 78


Janitor

 Hans Muster
hans.muster@abc.com
044 944 23 78


 Data Collection

 Electricity


23,56 kWh

 Heat

45.67 kWh

 Water

32434 l

 Data House

Area	15338 m ³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x

Search

House 1

House 2


House 3

House 4


House 5

House 6



House 7




Energy Management System


 Janitor


11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

 User Level
Janitor

 Buildings
34

House 2 - Teiskontie 23, Tampere 33180

Info


All ok!

Message Board


17:57Please, check your toilets.

18:45Repair is carried out.


21:45Repair is done.




Property manager



 Tim Muster
tim.muster@abc.com
044 944 23 89


Janitor


 Hans Muster
hans.muster@abc.com
044 944 23 78


Janitor



 Hans Muster
hans.muster@abc.com
044 944 23 78

 Data Collection 

 Electricity 23,56 kWh

 Heat 45.67 kWh

 Water 32434 l

 Data House 

Area	15338 m ³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x

House 1

House 2


House 3

House 4


House 5

House 6


House 7




Energy Management System


 Janitor


11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

 User Level
Janitor

 Buildings
34

House 2 - Teiskontie 23, Tampere 33180

Info


All ok!

Message Board


17:57Please, check your toilets.

18:45Repair is carried out.


21:45Repair is done.




Property manager


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044 944 23 89

Janitor

Hans Muster
hans.muster@abc.com
044 944 23 78

Janitor

Hans Muster
hans.muster@abc.com
044 944 23 78

 Search

House 1

House 2


House 3


House 4


House 5


House 6


House 7

 Data Collection

 Electricity23,56 kWh

 Heat45.67 kWh

 Water32434 l

 Data House

Area	15338 m³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x

The screenshot displays the Energy Management System (EMS) interface. At the top, the header includes the system name, the user 'Janitor', and the date/time '11. Oct. 2016 15:12:03'. The left sidebar features a user profile for Hans Muster, a building level indicator, and a list of buildings. The main area shows 'House 2 - Teiskontie 23, Tampere 33180' with a location pin icon. A modal window titled 'Sample sentences' is open, displaying a list of identical sentences: 'Mrs Miller wants the entire house repainted.' Below the modal, there is a table with energy data (Heat: 45.67 kWh, Water: 32434 l) and a table with values for Year, Floors, and Value 1-6. On the right, a vertical list shows 'House 6' and 'House 7'.

Energy Management System

User: Janitor | Date: 11. Oct. 2016 15:12:03

House 2 - Teiskontie 23, Tampere 33180

Sample sentences

- Mrs Miller wants the entire house repainted.
- Mrs Miller wants the entire house repainted.
- Mrs Miller wants the entire house repainted.
- Mrs Miller wants the entire house repainted.
- Mrs Miller wants the entire house repainted.
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- Mrs Miller wants the entire house repainted.
- Mrs Miller wants the entire house repainted.

Energy Data

Category	Value
Heat	45.67 kWh
Water	32434 l

Value Table

Year	Floors	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6
1973	4	x	x	x	x	x	x

House List


- House 6
- House 7




Energy Management System

Janitor


11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

User Level
Janitor

Buildings
34

House 2 - Teiskontie 23, Tampere 33180

Info

All ok!

Message Board

17:57

Please, check your toilets.

18:45

Repair is carried out.

21:45

Repair is done.


21:45

Mrs Miller wants the entire house repainted.





Property manager



Tim Muster
tim.muster@abc.com
044 944 23 89

Janitor



Hans Muster
hans.muster@abc.com
044 944 23 78

Janitor



Hans Muster
hans.muster@abc.com
044 944 23 78

Search

House 1

House 2

House 3

House 4

House 5

House 6

House 7


Data Collection

Electricity

23,56 kWh

Heat


45.67 kWh

Water


32434 l

Data House

Area	15338 m ³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x




Energy Management System



Property manager

11. Oct. 2016

15:12:03




Hans Muster

Lapinkaari 1

33180 Tampere


044 944 56 44

hans.muster@abc.com



User Level

Property manager

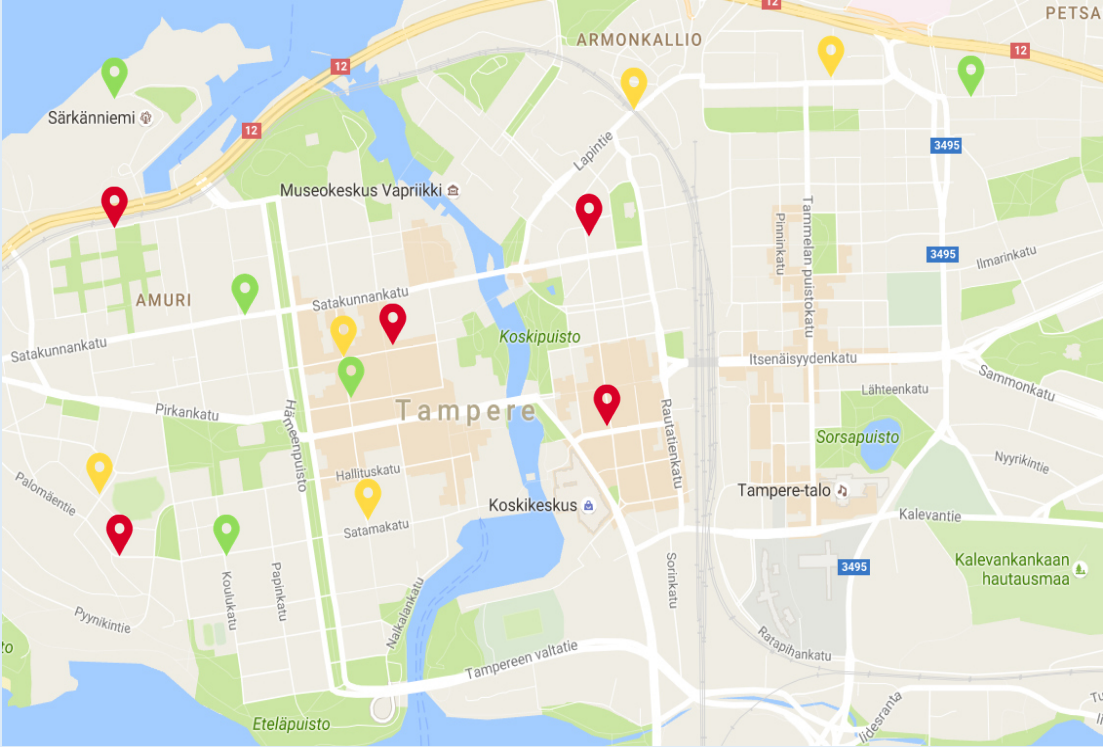



Buildings

34


Short Info

Map






Energy Management System



Property manager

11. Oct. 2016

15:12:03




Hans Muster

Lapinkaari 1

33180 Tampere


044 944 56 44

hans.muster@abc.com



User Level

Property manager

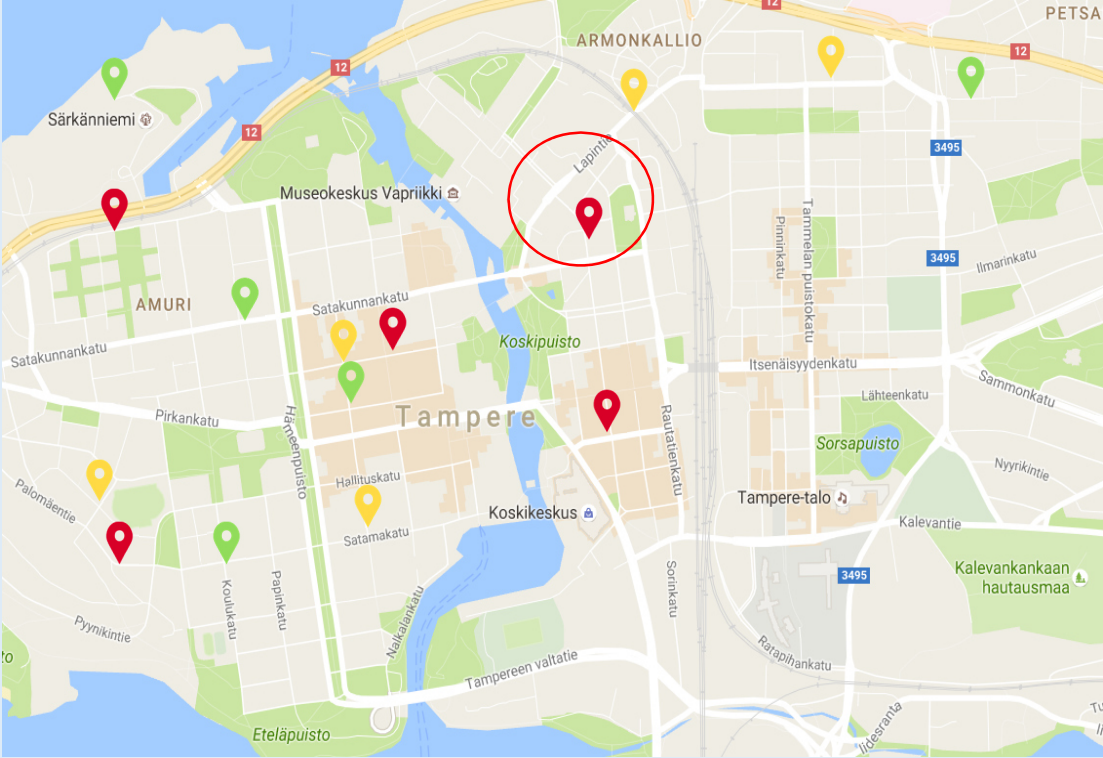



Buildings

34


Short Info

Map






Energy Management System



Janitor

11. Oct. 2016

15:12:03




Hans Muster

Lapinkaari 1

33180 Tampere


044 944 56 44

hans.muster@abc.com



User Level

Janitor





Buildings

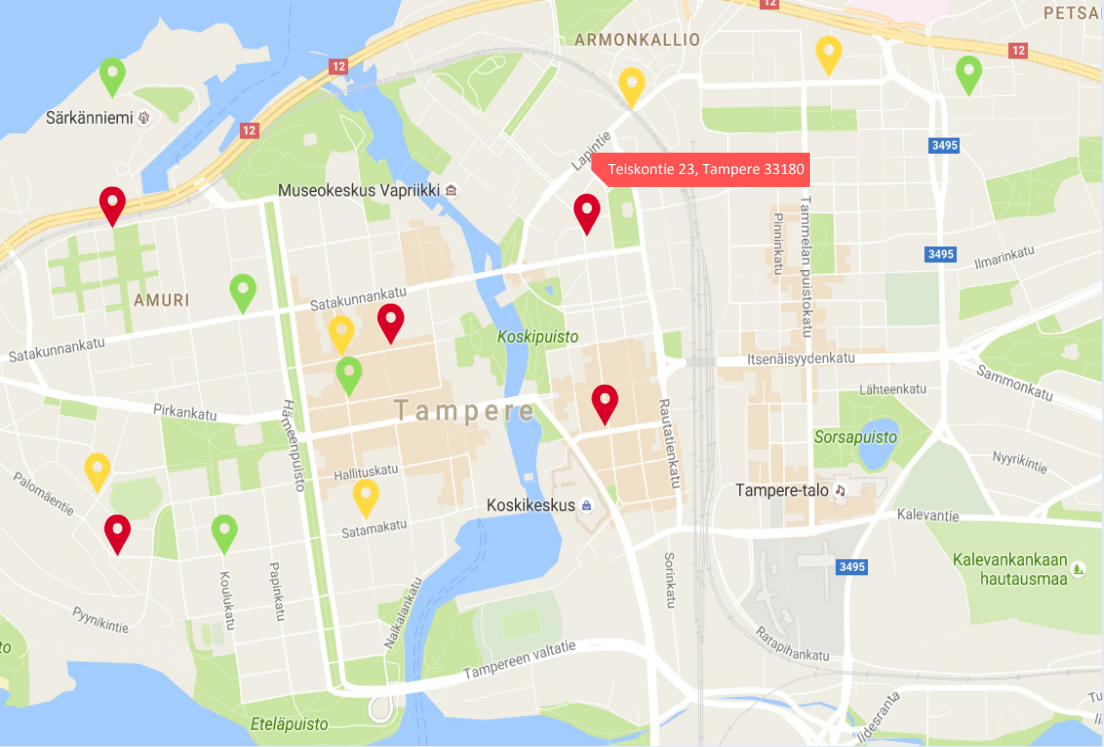
34

Short Info


Heating is broken in the second floor




Map





Teiskontie 23, Tampere 33180




Energy Management System


Property manager


11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

User Level
Property manager

Buildings
34

House 2 - Teiskontie 23, Tampere 33180



Info

Heating is broken in the second floor.
Probably the thermostat on the west side could be the problem.
Don't forget to take a ladder with you.


Message Board

17:57


Please, check your toilets.


Property manager



Tim Muster
tim.muster@abc.com
044 944 23 89


Janitor


Hans Muster
hans.muster@abc.com
044 944 23 78


Janitor



Hans Muster
hans.muster@abc.com
044 944 23 78

Data Collection 

Electricity 23,56 kWh

Heat 45.67 kWh

Water 32434 l

Data House 

Area	15338 m ³	Value 2	x
Year	1973	Value 3	x
Floors	4	Value 4	x
Value 1	x	Value 5	x
Value 2	x	Value 6	x

Search

House 1

House 2


House 3

House 4


House 5

House 6

House 7





Energy Management System




Admin


11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com



User Level
Admin



Buildings
34

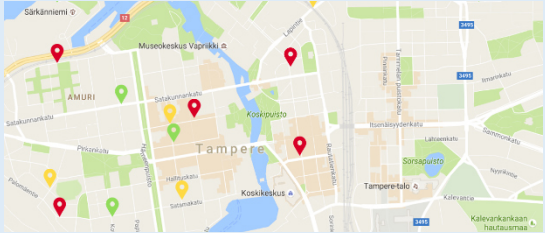
Message Board

Janitor of house 2 to residents of house 2

Please, check your toilets.

17:57

Map



Alarms

House 2

House 57

House 81

House 45

House 65

House 89

House 49

House 79

All houses

Janitors

Janitor 1

Janitor 4

Janitor 7

Janitor 2

Janitor 5

Janitor 8

Janitor 3

Janitor 6

All Janitors

Property Managers

PM 1

PM 4

PM 7

PM 2

PM 5

PM 8

PM 3

PM 6

All Janitors



Energy Management System

 Admin

11. Oct. 2016
15:12:03



Hans Muster
Lapinkaari 1
33180 Tampere
044 944 56 44
hans.muster@abc.com

 User Level
Admin

 Buildings
34

Buildings

Janitors

Property Manager



Info


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Message Board

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Please, check your toilets.

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044 944 23 89

Janitor




Hans Muster
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 Search

House 1

House 2

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House 7

 Data Collection

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