



# SIRI BENEFITS FOR TRAVELERS

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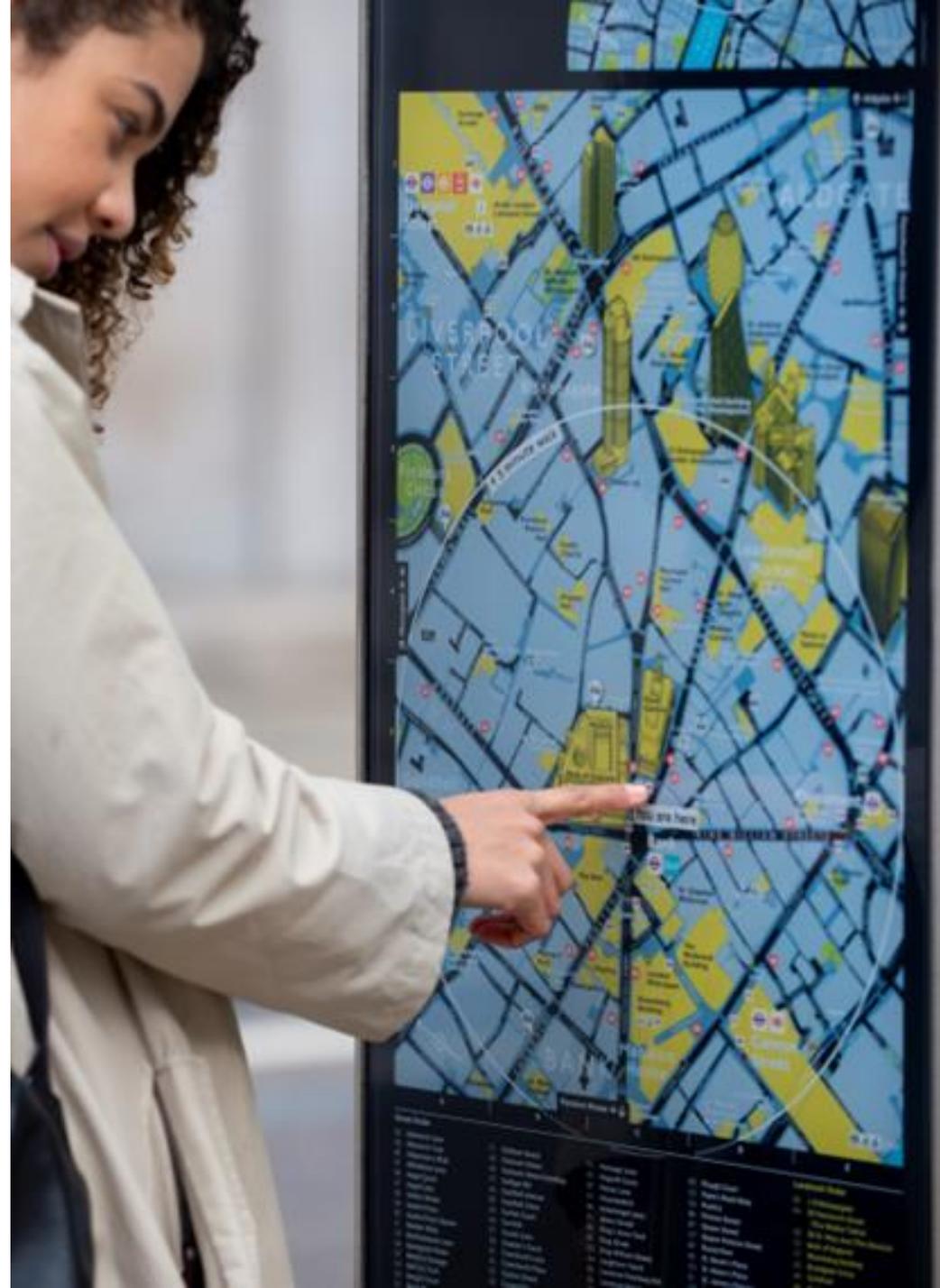




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# Agenda

1. SIRI Reminder
2. Sarah's Traveller Experience summary
3. Step 1 : Before Leaving – Preparing her travel
4. Step 2 : Going to train station
5. Step 3 : At the station – improving the travel experience
6. Step 4 : While travelling - Managing unplanned events
7. Step 5 : Managing the last kilometer

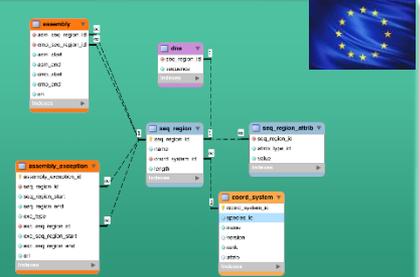




# What is SIRI ?

## TRANSMODEL

Conceptual data model covering all the public transport data domains



### NeTEx



Exchange data format for scheduled information



### SIRI



Exchange data format for real time information



### OpRa



Exchange data format for observed information

Real time updates services  
Discovery Services



# Sarah's travel description

She uses the transport authority website and its mobile app to prepare and follow her travel..

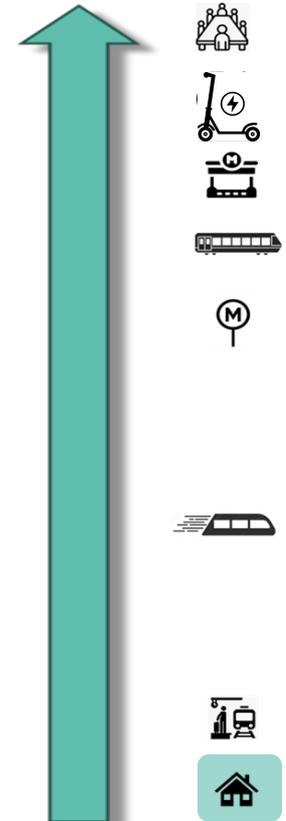
To get to the city centre, she has to take a suburban train and connect with a metro line.

Injured, she cannot use the stairs and has to use lifts. As cyclist, she is keen to join the bike-share scheme to get to her meeting point.

She leaves in the suburb and wants to help reduce its carbon footprint by using :

- public transport
- alternative modes of transport (vehicle pooling, vehicle sharing) wherever possible

Tomorrow Sarah needs to attend an important meeting in the city center.





# Step 1 : Sarah travel experience

## Preparing the travel - On the Big day eve

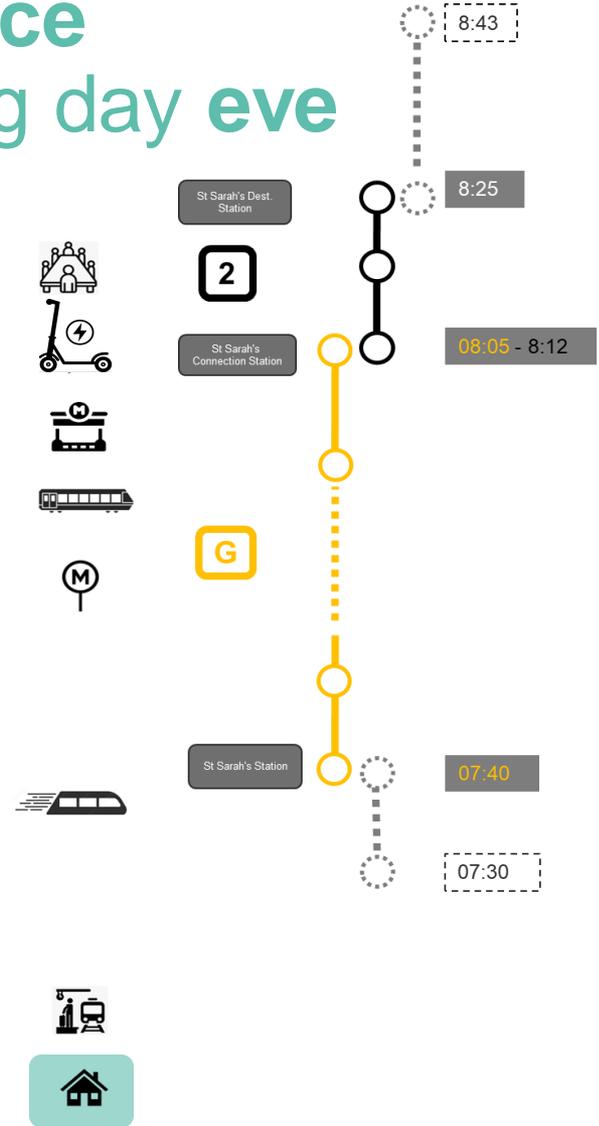


On the eve of the meeting Sarah prepares her travel on the transport authority web site.

### She gets

- Time to leave her home
- Planned Connection status
- Planned traffic status
- Arrival scheduled time at destination

With the results Sarah decides her home departure with margin to travel peacefully





# Step 1 : Sarah travel experience

## Preparing the travel - On the Big day

On the big day

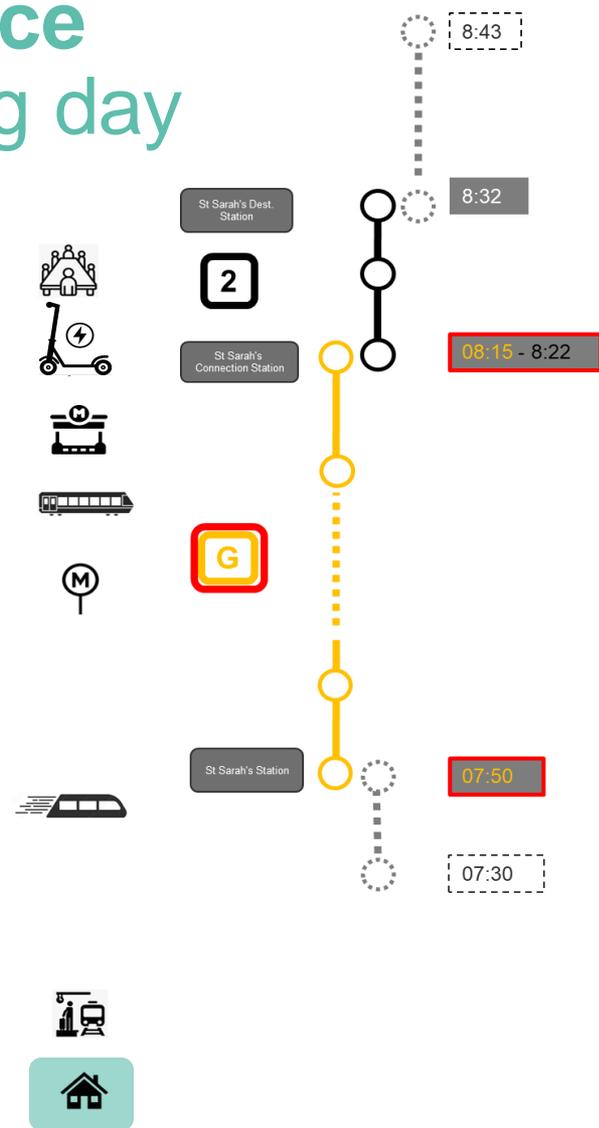
- During the breakfast Sarah checks the latest travel information on her mobile phone

She notices

- Disruptions affecting her timetable.
- New arrival time is delayed by 15'.
- Connection with the metro is still working.
- She will still be on time

She decides

- To bring forward her departure for greater peace of mind.



Thanks to  
**SIRI** SX  
ET

dataopt



# Step 1 : Sarah travel experience

## Preparing the travel - On the Big day

On the big day

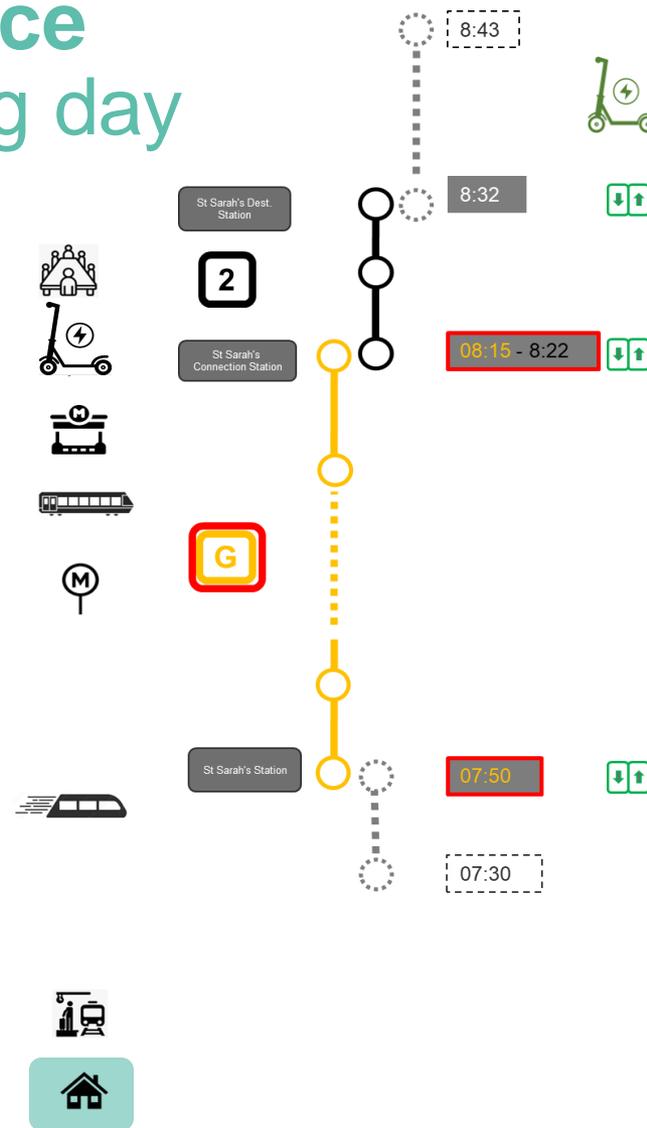
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Thanks to

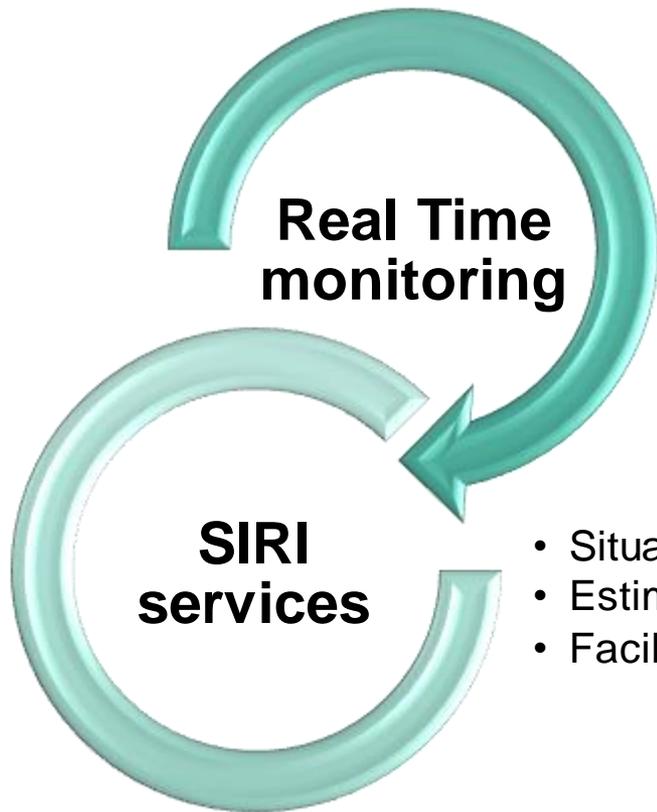
**SIRI** ET FM

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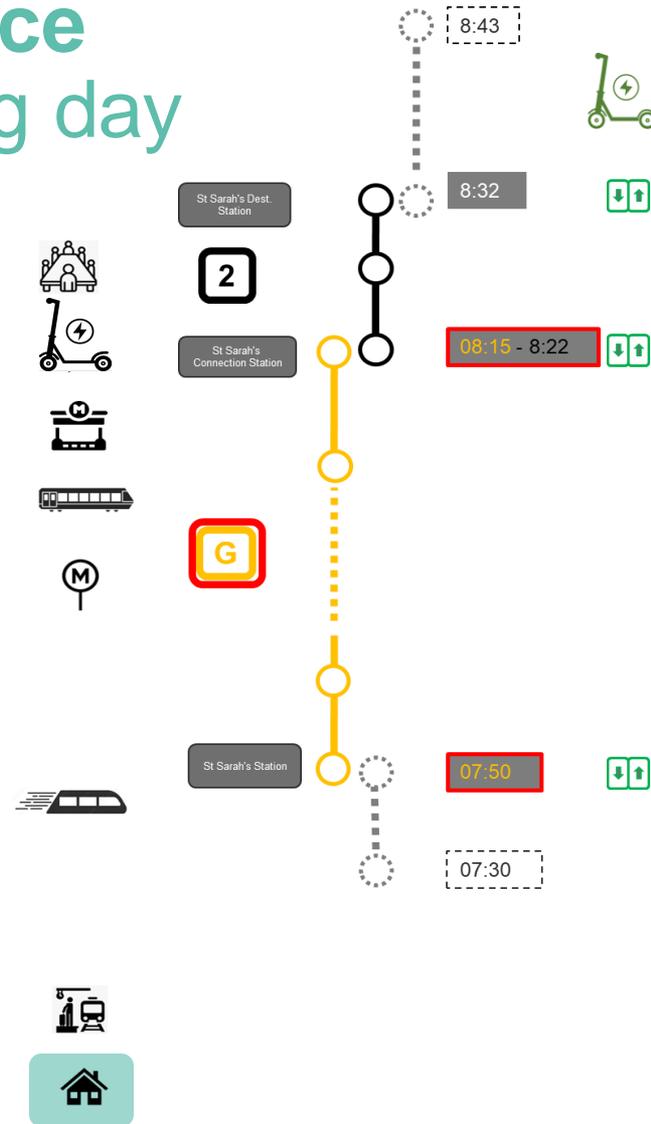
# Step 1 : Sarah travel experience

## Preparing the travel - On the Big day



- Traffic events
- Connection
- Estimated Time Schedule
- Traffic Status
- Equipment Status

- Situation Exchange (SX)
- Estimated Timetable (ET)
- Facility Monitoring(FM)



Thanks to  
**SIRI**  
 SX  
 ET  
 FM



# Step 2 : Sarah travel experience

## 1<sup>st</sup> Kilometer - Going to the train station

On the way to the garage, Sarah checks on her mobile app

- that traffic conditions have not deteriorated.
- Delays is reduced

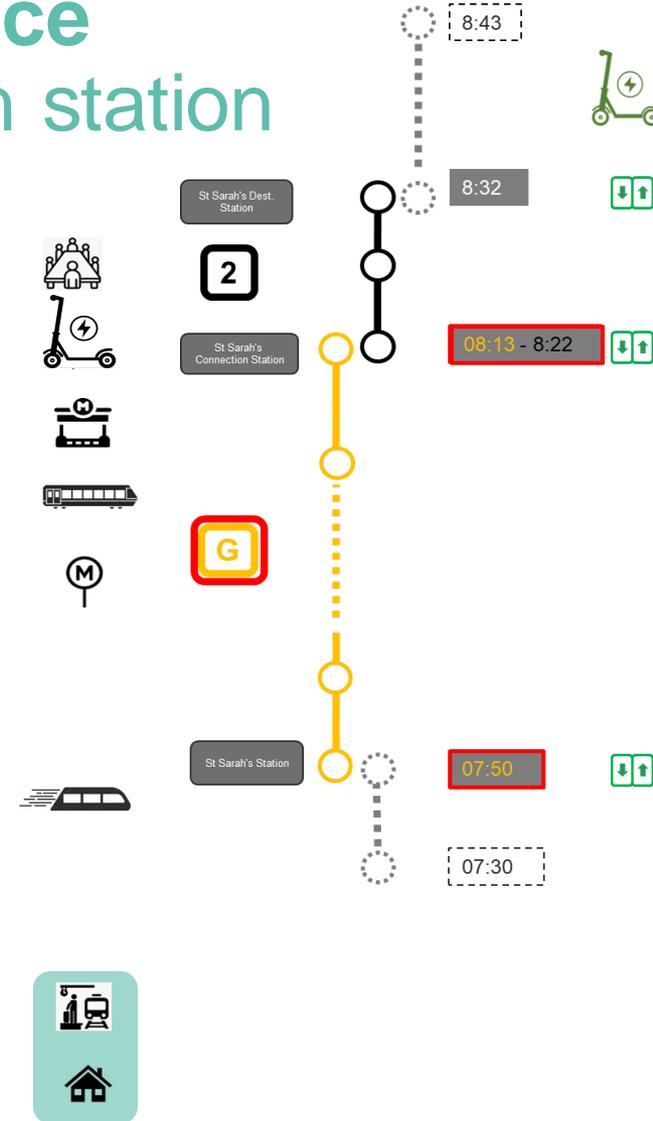
As it does, Sarah makes her way back to the station calmly.



Image source: [Echospik](#)

Thanks to  
**SIRI**  
 SX  
 ET  
 FM  
 CM

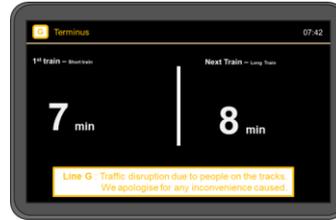
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# Step 3 : Sarah travel experience

## On the platform



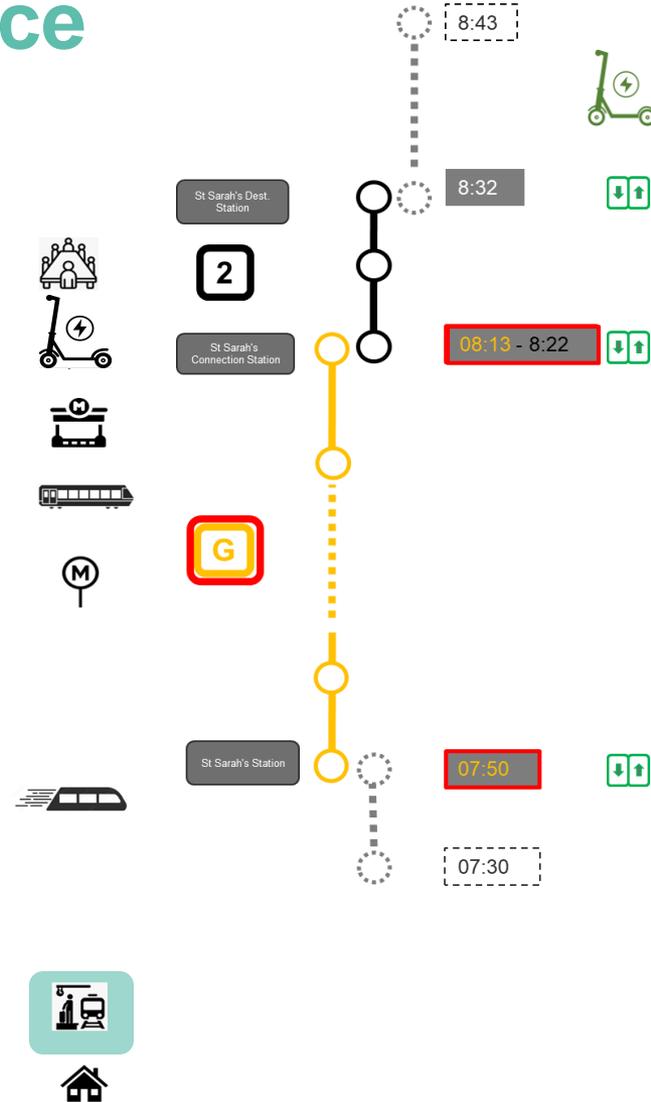
Source [Eranik](#)

Arriving on the platform, Sarah:

- Looking at the next **train location**
- Checks the **occupancy** of the next train's carriages
- This train is extremely busy
- She is early and notices that the next train is 1:30 minutes later

She **decides**

- to wait for the next train
- and stands in front of a carriage on the train with seats



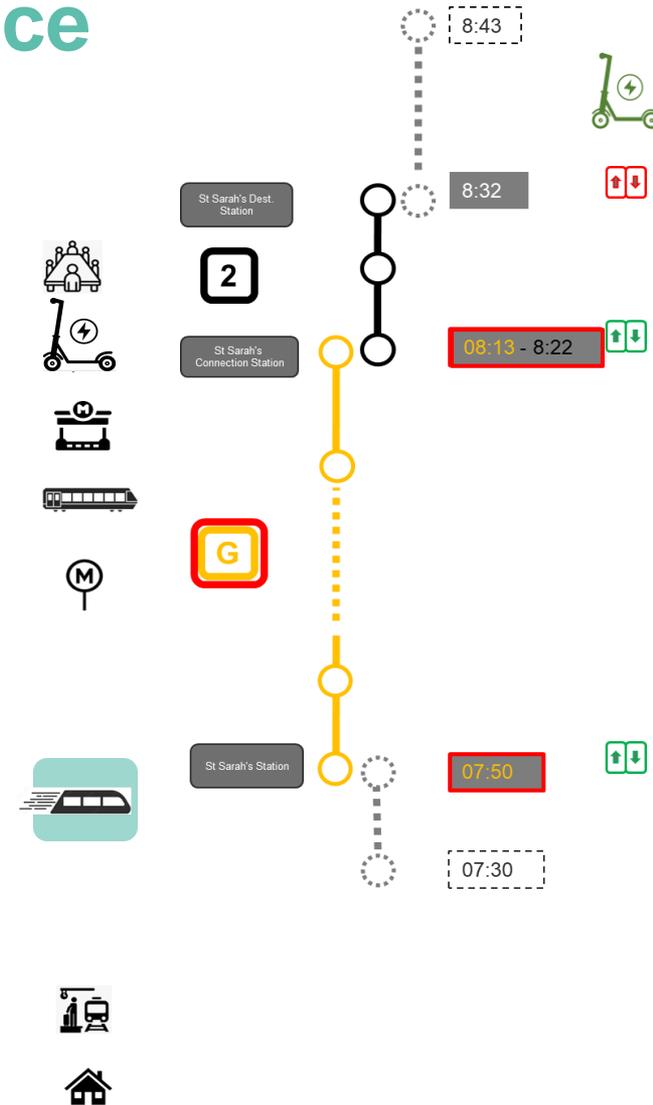
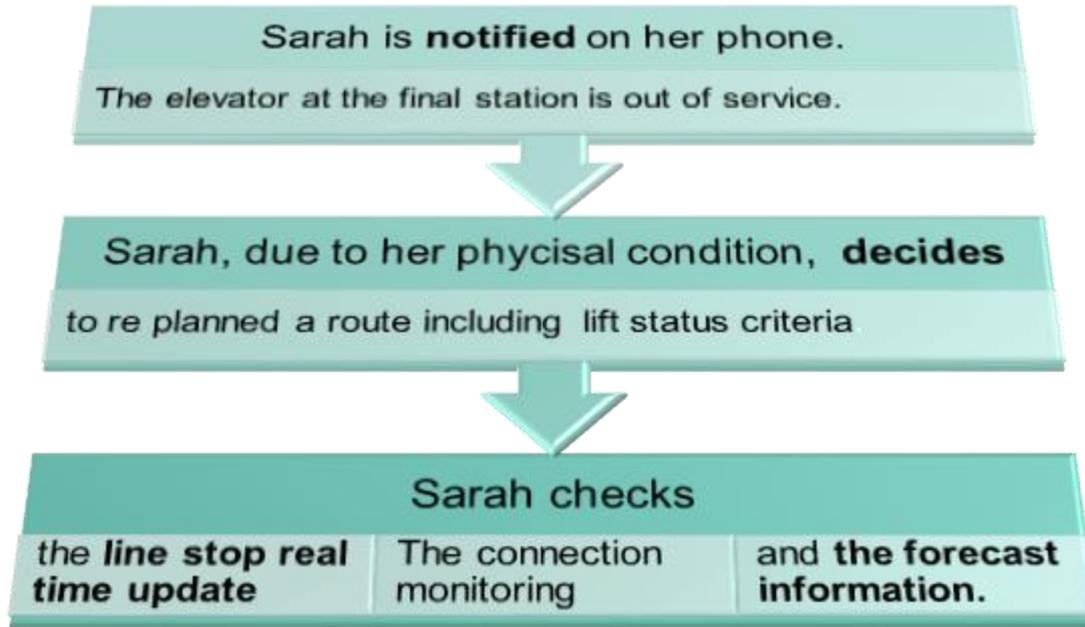
Thanks to  
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 VM

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# Step 4 : Sarah travel experience

## Travelling – 1<sup>st</sup> Leg



Thanks to  
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# Step 4 : Sarah travel experience

## Travelling : Connection & 2<sup>nd</sup> leg

### Sarah's route is updated

With lift accessible stop place

E-scooter share station

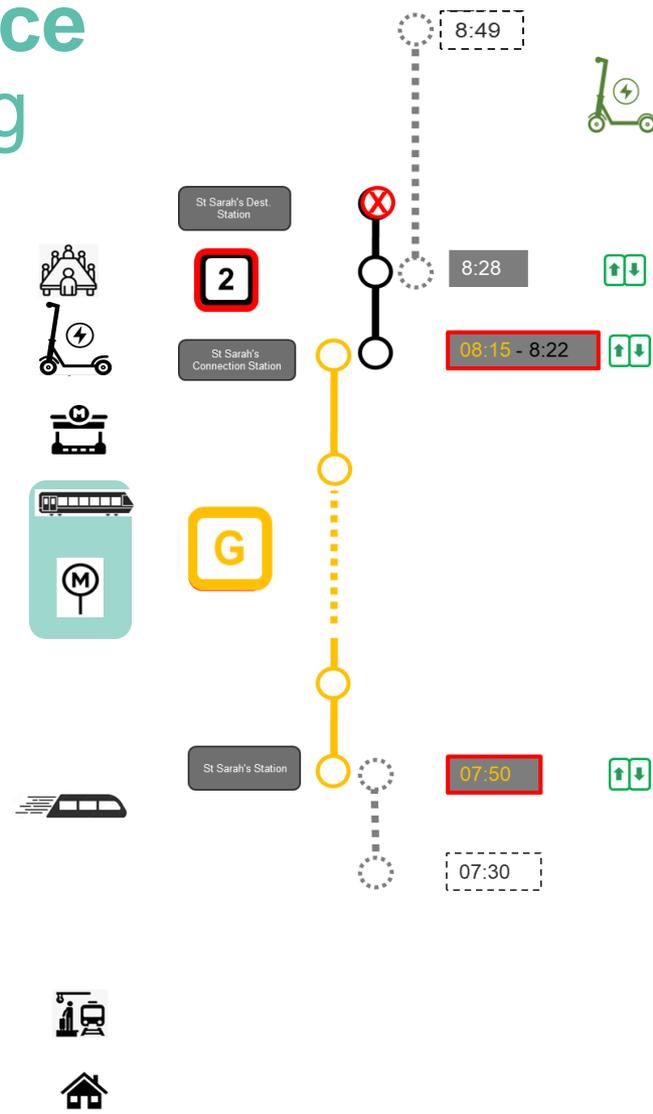
New time of arrival can be estimated

### Other Information

No impact on lines G/2 connection

New disruption on Line 2 : One Stop not deserved

Line G returns to normal



Thanks to  
**SIRI** ET  
 FM  
 SX





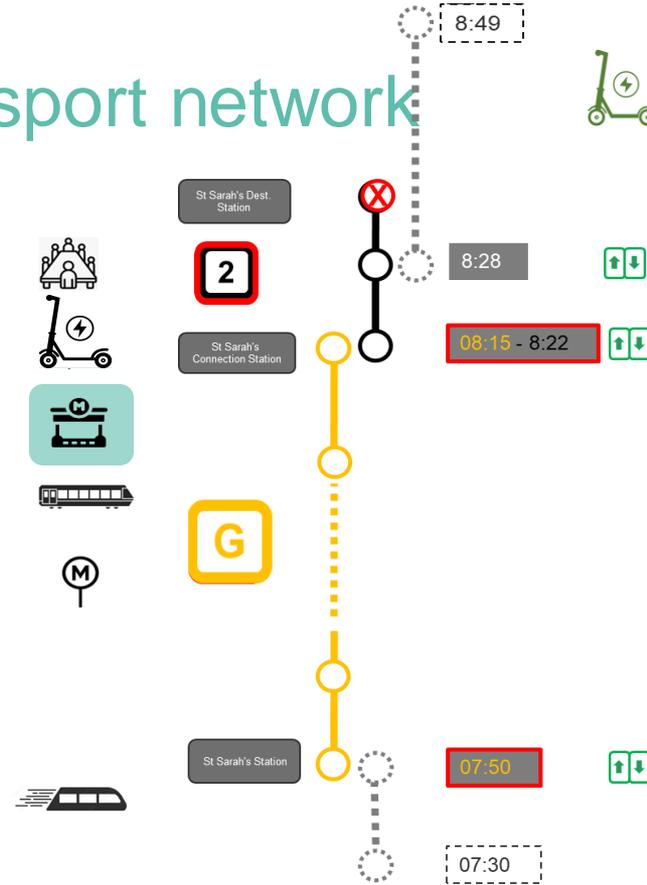
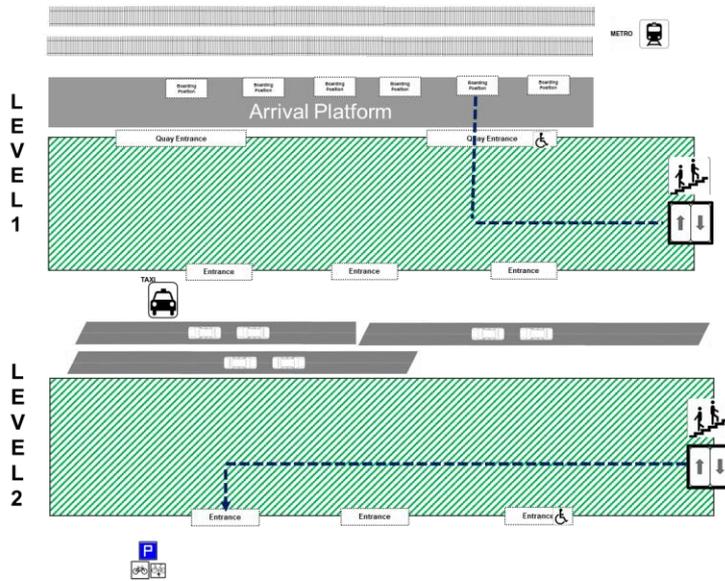
# Step 4 : Sarah travel experience

## Travelling : Leaving the Public transport network

Arriving at the destination stop place, Sarah :

gets the path to join the Bike Station

using the elevator



Thanks to  
**SIRI** FM

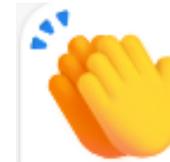
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# Step 5 : Sarah travel experience

## Last Kilometer extension



Sarah leaves the public transport network

- Thanks to Transmodel, NeTex & SIRI ecosystems which provides her reliable info to prepare and follow her travel progress.

She is on time and just need to pick up an electrical scooter she booked with her mobile apps.

- The e-scooter is available
- In good condition
- No surprise, the estimated fare has been provided before the travel





# data4pt

## Thank you for your attention!



@Data4PT



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[ITxPT/DATA4PTTools](https://github.com/ITxPT/DATA4PTTools)



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