

**February 20th, 2019**

**Sensemakers on Smart  
buildings**

# **Schiphol Smart AirportCity**

**(Not a smart building but a smart area)**

**Schiphol**  
Your office at Amsterdam Airport



## Employee



## Facility Manager



## Real Estate Manager



Open Cloud  
Platform

**Digital ambition Schiphol Real Estate: The first Smart AirportCity**  
Schiphol makes your world bigger by applying intelligent and personal connections



# Smart Building the solution for everything...

I forgot my security card!

I can't find my Stuff!

I can't find my colleague!

This place needs to be cleaned

Are my people Happy?

Does this really need to be cleaned?

Are my people Healthy?

How much Real estate do I really need?

**How do we manage this!**

Are flexible work places really that efficient?

I can't work In this heat

> 30 minutes of searching for free workspace

I can't find a Conference room

I can't park my car!

Sustainable Building Maybe

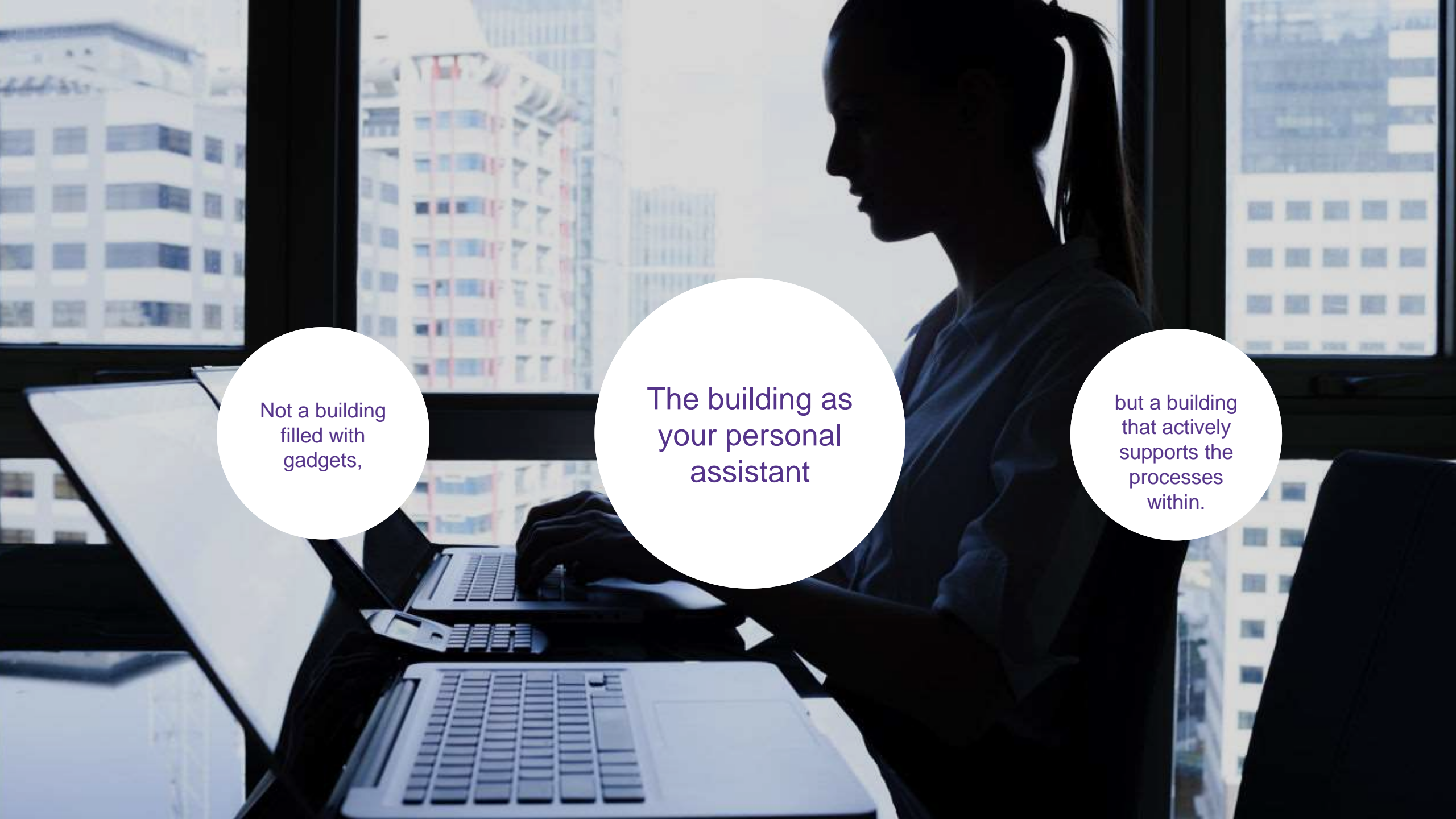
Sustainable Usage No



A photograph of a car's dashboard and steering wheel. The dashboard is crowded with at least a dozen different GPS navigation units of various sizes and brands. Some are mounted on the dashboard, while others are hanging from the rearview mirror. The steering wheel is visible on the left side of the frame. The background shows a view through the windshield of a busy street with other cars.

Internet Of too  
many Things

Integration of  
Things

A woman with her hair in a ponytail is shown in silhouette, sitting at a desk and working on a laptop. She is looking at the screen, and her hands are on the keyboard. The background is a large window showing a cityscape with several tall buildings. The lighting is dim, with the primary light source being the window, which creates a strong silhouette effect on the woman and the desk.

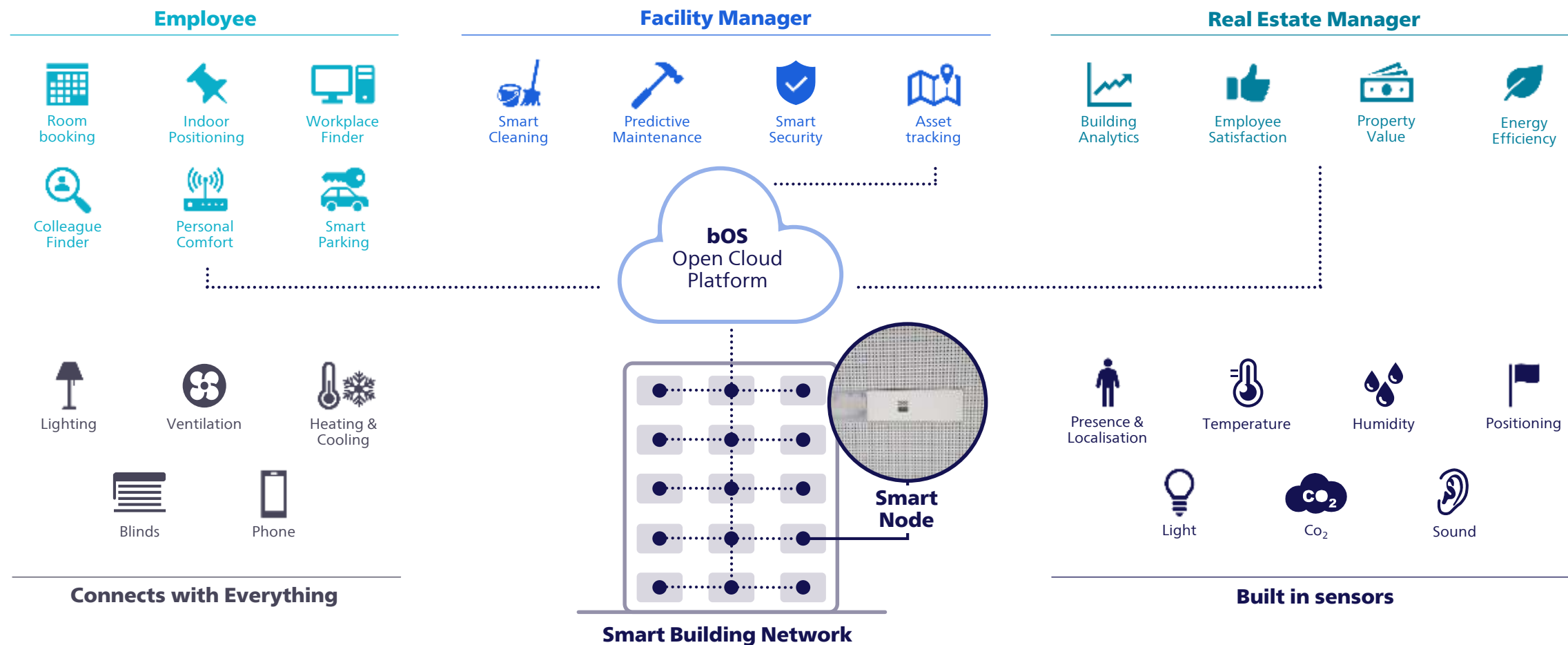
Not a building  
filled with  
gadgets,

The building as  
your personal  
assistant

but a building  
that actively  
supports the  
processes  
within.

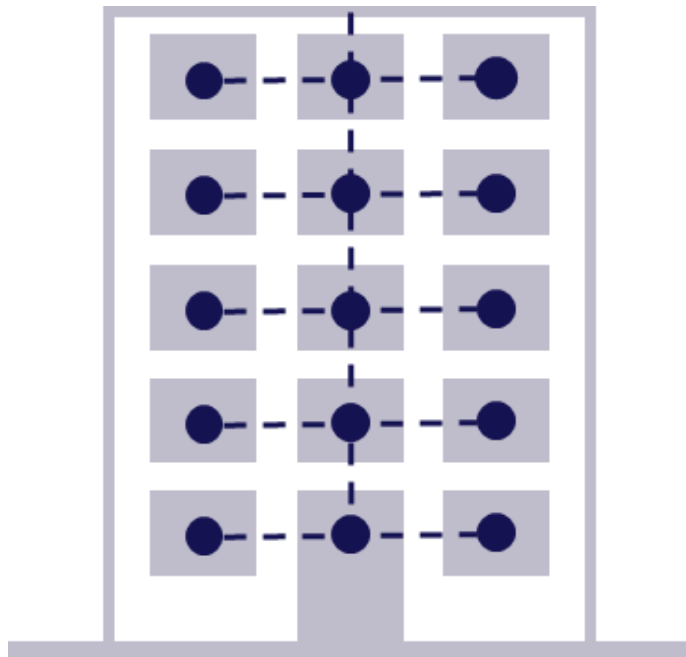


# SMART building Microsoft at Schiphol 2018

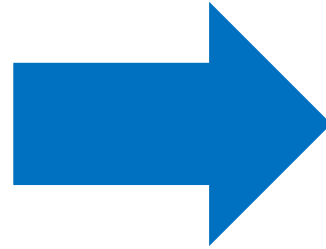


*\*Created in collaboration with bGrid, CGI and Mappiq*

# The building as a smartphone



## Smart Building network



# Geleverd door project: MAPIQ





# Microsoft HQ Outlook (Schiphol)

Where can I work?

Set temperature  
to 22 degrees

Book a room  
With a smartboard?

Where is  
colleague?

Dim lights  
to 30%

Where can I park?

Where is  
the nearest printer?

Where is  
colleague?



# Ontwikkelingen Microsoft

Parking



Asset tracking



Payment



Employee ID



Catering



Facilities



Visitor ID



Access



Room Booking





# Smart & Flexible PARKFLEX





# Schiphol Parkflex

Schiphol

Free parking space

The image shows a grid of six rectangular indicators, three in a row and two in a column. The top-left indicator is light blue, while the others are dark blue. A white arrow points from the text 'Free parking space' to the light blue indicator.



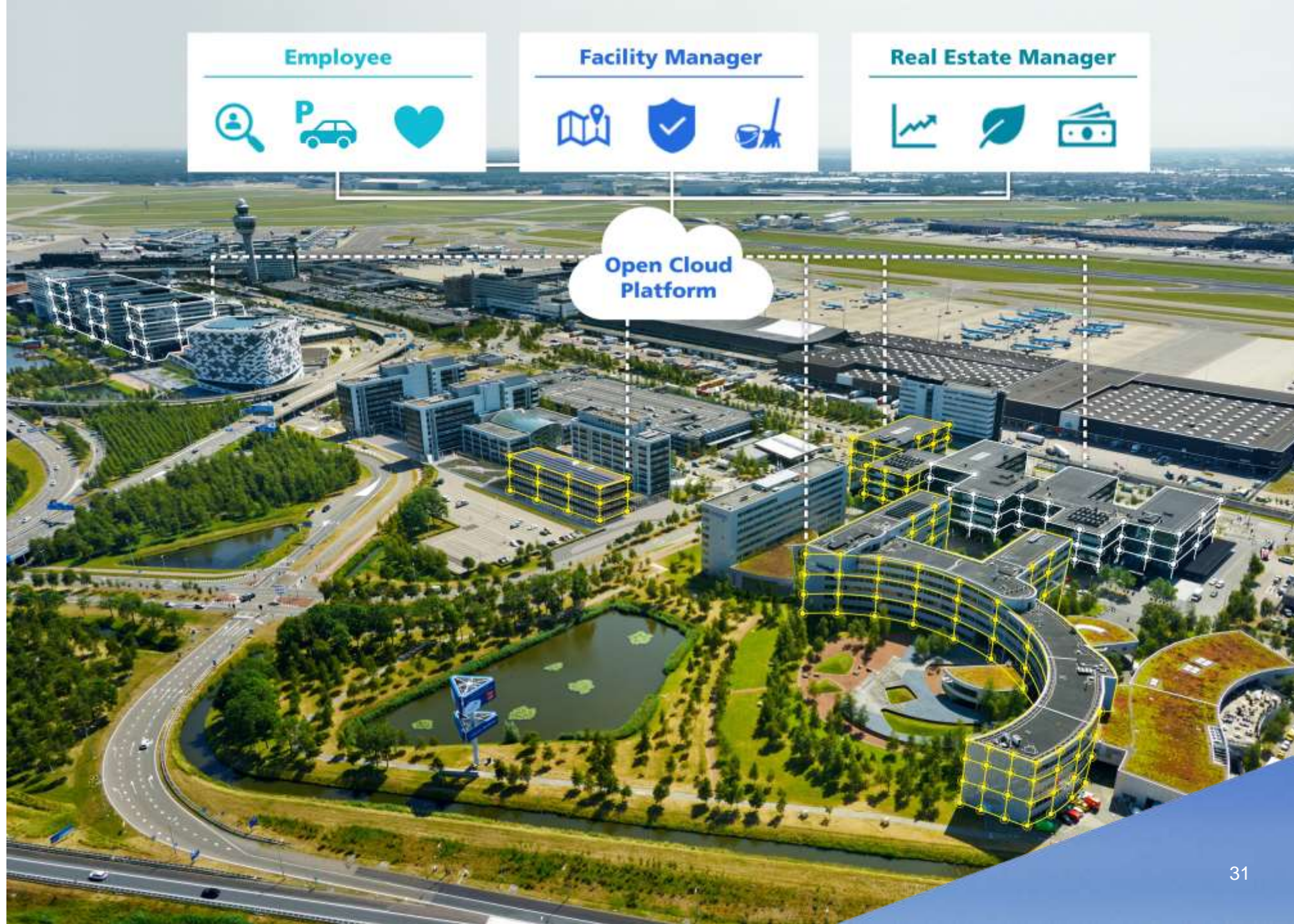
# Schiphol Living Lab



**IS THIS ALL?**



# SMART AirportCity



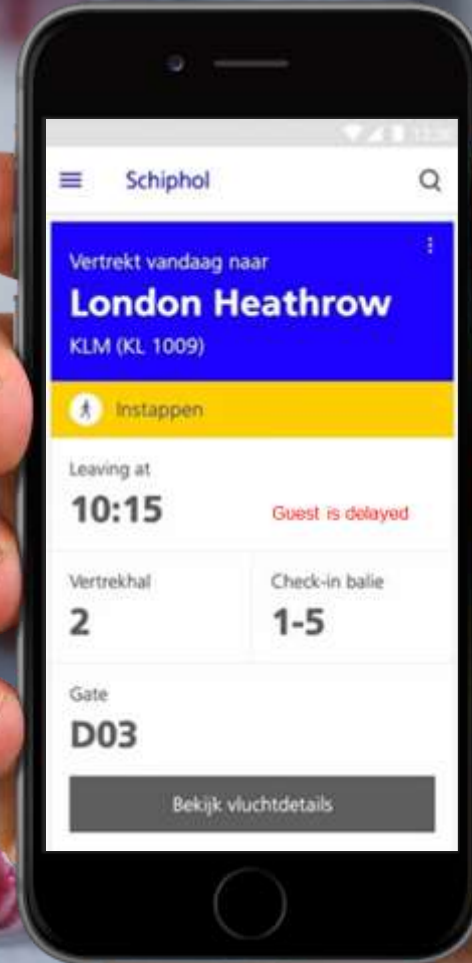


**When your smart alarm  
wakes you up...**

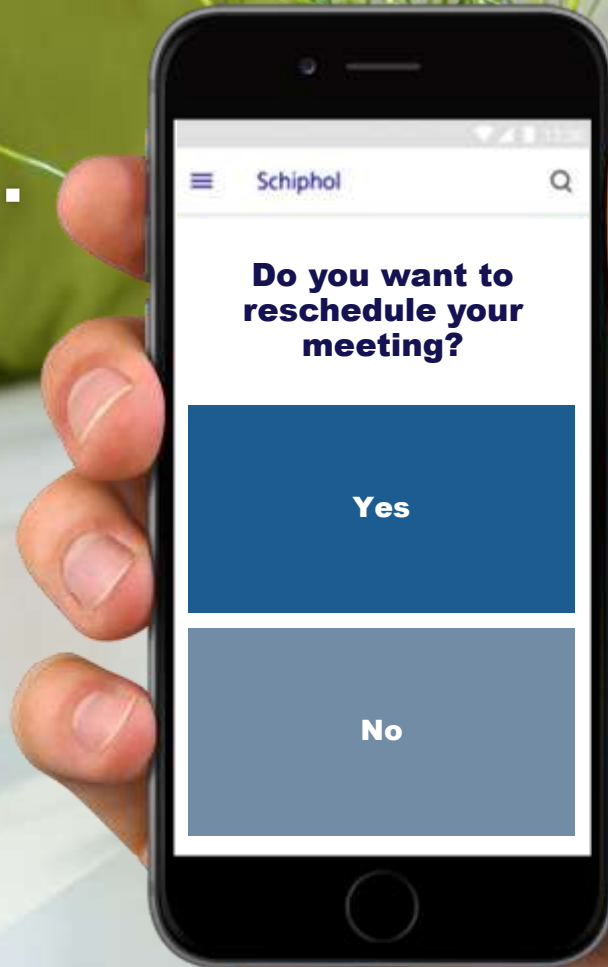




Update during  
breakfast...

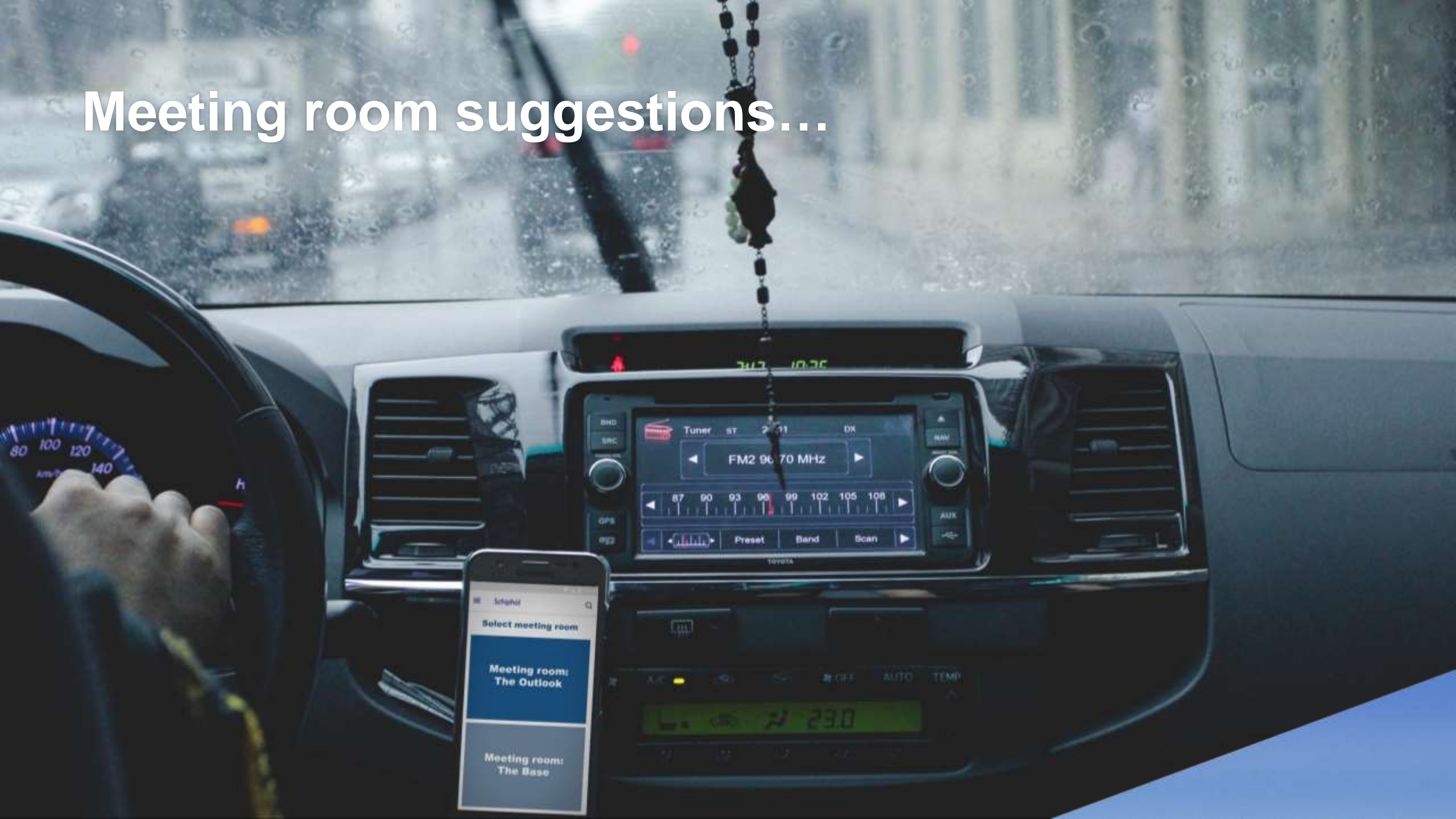


Automatically  
agenda update...





# Meeting room suggestions...





**New directions  
for your guest...**





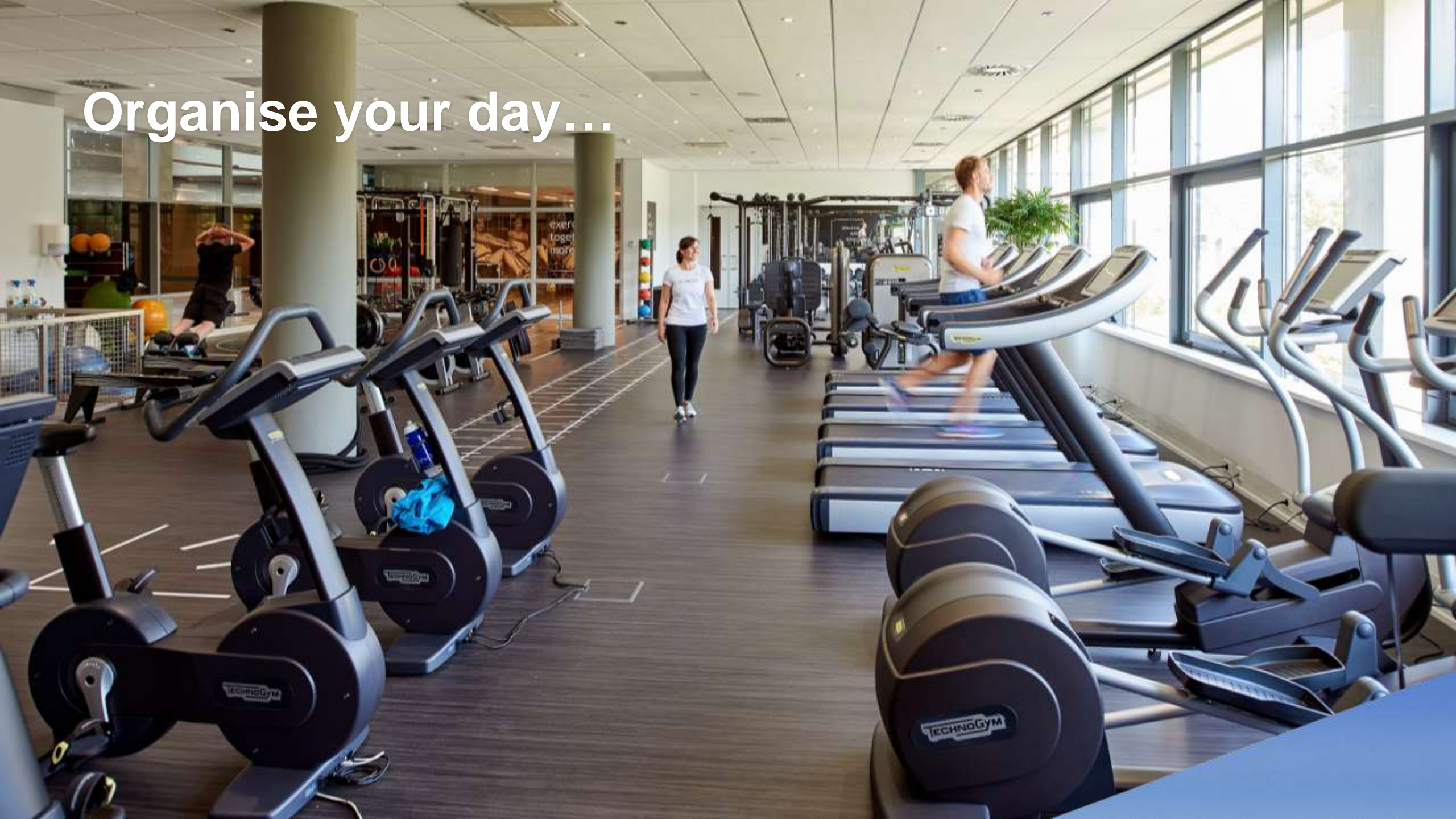
The room is adjusted  
to your preference...

- 21° +





Organise your day...





... based on your  
personal travel advice.

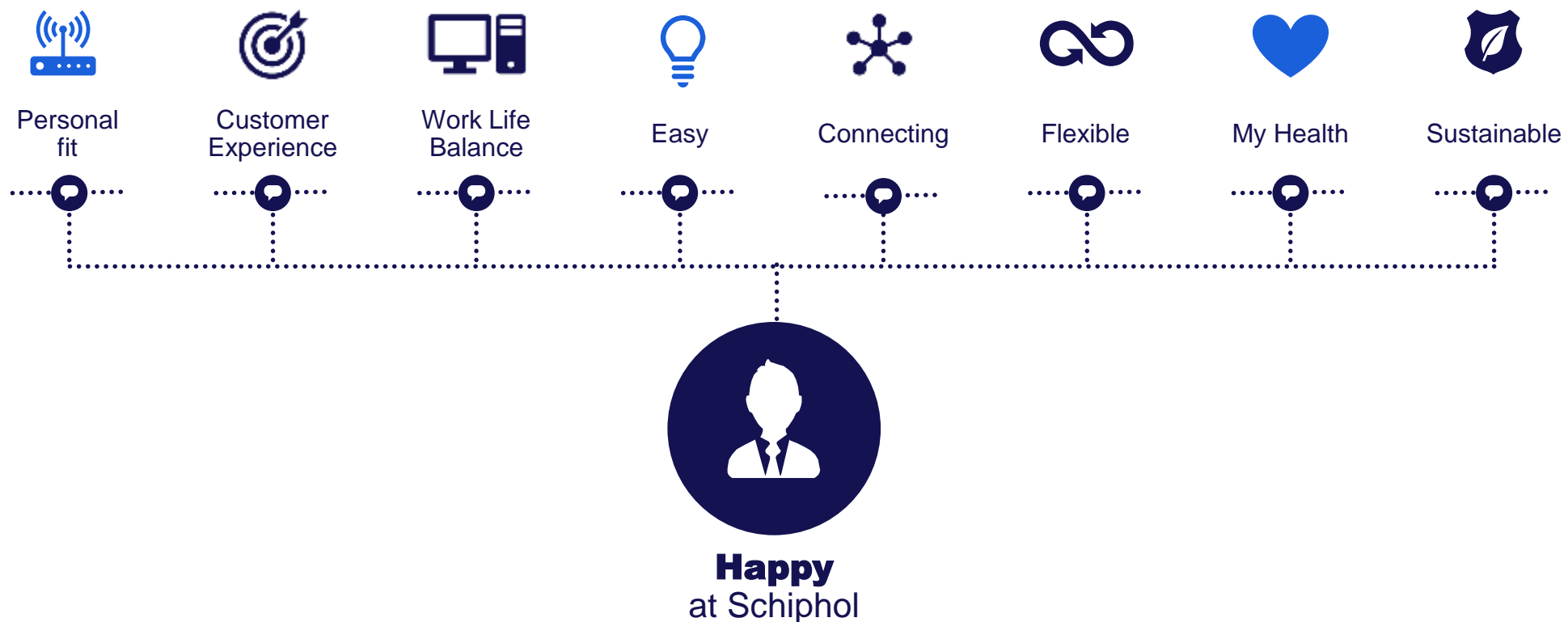


# Tenants Amsterdam Airport Schiphol





# Why are we doing this?



# Partners Schiphol Real Estate





# Smart AirportCity Schiphol

Join our journey!

[Realestate@schiphol.nl](mailto:Realestate@schiphol.nl)

[Schiphol.nl/realestate](https://www.schiphol.nl/realestate)

