

# Case Helsinki: Utilizing Digital Solutions Makes a Smarter City

ITS Connekt Webinar, March 2024



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# Nice to meet you, let's Connekt!

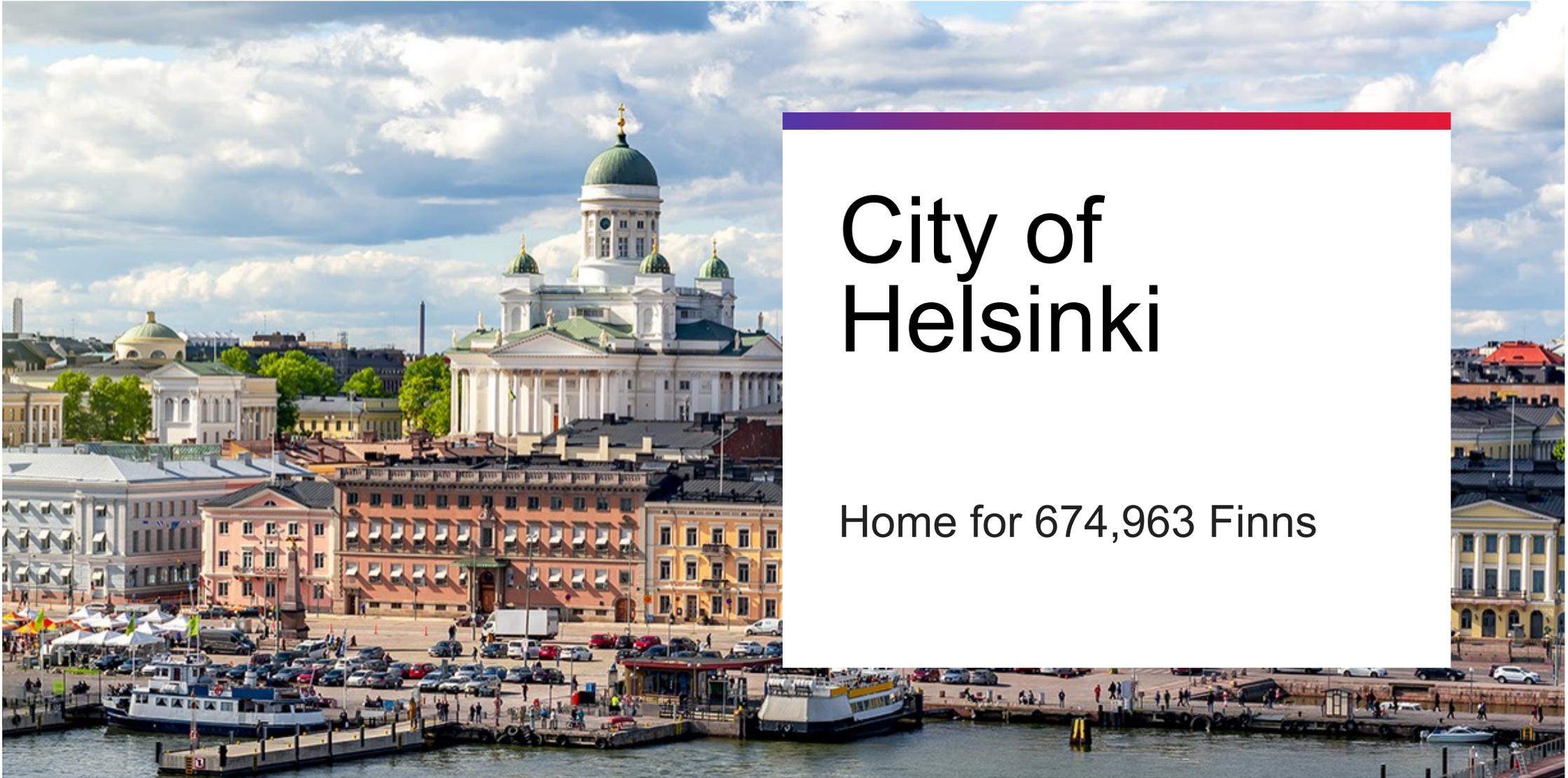


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# City of Helsinki

Home for 674,963 Finns

# Smart City

CGI vision



# Smart City

CGI vision



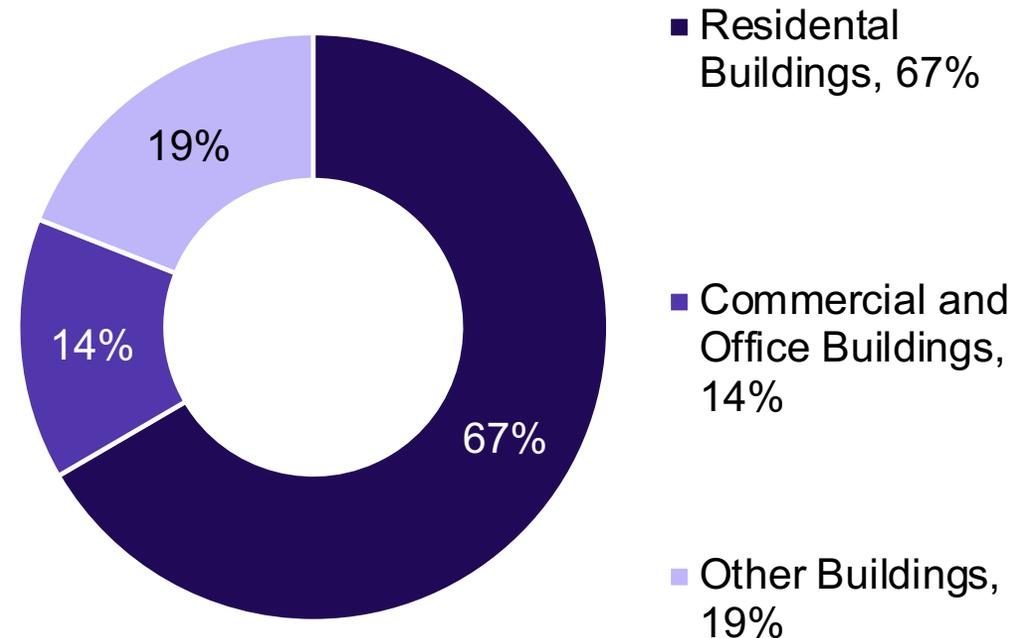
# Construction and maintenance in Helsinki

**6,047** Apartments completed in Helsinki 2022

(Average for 2018-2022: 6,394)

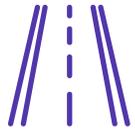
Built street area	16,6 hectares
Built street greenery	1,2 hectares
Built park area	16,1 hectares
Water and sewer pipes	6 500 linear meter
Street areas to be maintained	989 hectares
Street greenery to be maintained	181 hectares
Parks to be maintained	825 hectares

**Gross floor area in completed buildings (2022)**



# City of Helsinki (Stara)

Stara provides construction and maintenance and logistics services for the needs of the city of Helsinki:



Construction and maintenance of streets, green areas and parks



Property repair and maintenance



Management of natural areas – forests, fields, meadows, sea areas. Soil and bedrock investigations



Duty to be on standby, expert services, street duty 24/7

## Customer challenges:

- Productivity
- Data scattered in different places
- Project monitoring and predictability



Helsinki

Stara

# Customers issues

1200

Professionals from different fields with

150

Different job titles



The jobs vary from field work requiring special skills to planning, project and management tasks.



# Customers issues



The jobs vary from field work requiring special skills to planning, project and management tasks.

# Customers issues

Offer System

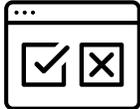
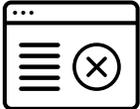
Cost Calculating System

Project Management System

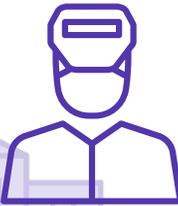
Finance System

Phone

Excel



Worker X



Worker Z



Worker Y



## Problems to tackle:

System chaos

Big amount of manual work in processes

Inadequate reporting

Data-based value creation is hard



## Goals for Stara:

Significant automation of work and functions

Real-time project monitoring and project change management

Resource management

Improving and speeding up reporting at all levels

Enabling data-based, knowledge-based management

A man wearing a grey hard hat and a high-visibility yellow and blue safety jacket is pointing at a large computer monitor. The monitor displays a technical drawing or blueprint. The background is a dimly lit control room with various panels and lights.

# CGI Profio360

ERP solution  
dedicated to  
**project-driven**  
manufacturing,  
construction and  
maintenance work

# Benefits brought by CGI Profio360



## More effective management and monitoring

- One program for managing costs from the tender calculation stage to invoicing
  - Work management, time reporting and work monitoring in the same system
- Making procurements more precise, and monitoring easier
- Cost tracking is more accurate with transcription



## Data-driven working and agile document management

- Easier reporting
- Unified offers and other documents to be sent to the customer (templates)
- Documentation easily available (documentation for e.g. orders is directly attached to the project)



## Cost savings and customer satisfaction

- Production operations have become more efficient
- Overlapping work has decreased
  - No more copying the same data
- Reduced software costs
- Saving labor costs in the services of the administration's finance team
- Improving customer satisfaction

# Client case: City of Helsinki results using CGI Profio360



**Opening a new project**

**50\***  
working days saved / year

**Creating a purchase order**

**71\***  
working days saved / year

**Sales invoicing**

**67\***  
working days saved / year

**Other savings**

**10-30min**  
saved per inspection in cost monitoring tasks\*

**2-30min**  
saved per gig in operations management tasks\*

\*(yearly amount unknown)

\*1 work day = 8 hours



# Thank you for your time, let's Connekt!



Scan the QR to leave  
your information, we  
will contact you!



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