

# Ahti

## Ecosystem of seaside services in Helsinki

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HelDev 25.11.

Helsinki

# What is Ahti?

**A three year program  
started in 2019  
to implement the seaside strategy of Helsinki**

- To make the seaside more *accessible* (for locals and visitors)
- To create an *ecosystem* around boating related services
- To create a *collection of APIs* for public and private use

# What will Ahti do?

- Aims to create
  - A single repository of information for all things seaside:
    - Places, activities, events, services, environment, mobility, ideas, feedback, rules & responsibilities
- Aims to connect
  - Explorers with information
  - Travellers with transport
  - The boatless with boats
  - Boat owners with berths and services
  - Businesses with customers

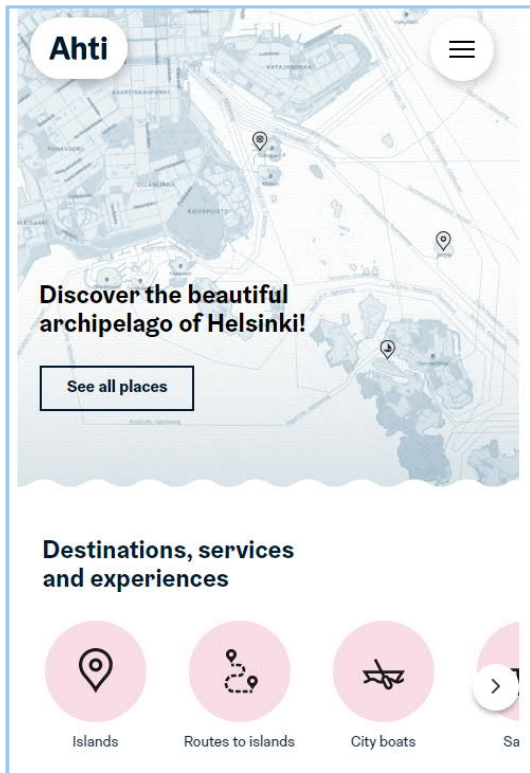
## Aimed for

- People with boats
- People without boats
- Tourists / locals
- Businesses

# Ahti timeline

- 2019
  - Started in March
  - Alpha version developed during summer
  - Development team started in November
    - Culture and leisure / Solution Office
- 2020
  - Focus on data and integrations
  - First production release by Helsinki Biennial (June 2020)
    - Berth rerentals?
  - First public APIs during H2
    - Querying for normalized data
- 2021
  - Focus on purchases and services for businesses
- 2022 →
  - Operating model TBD

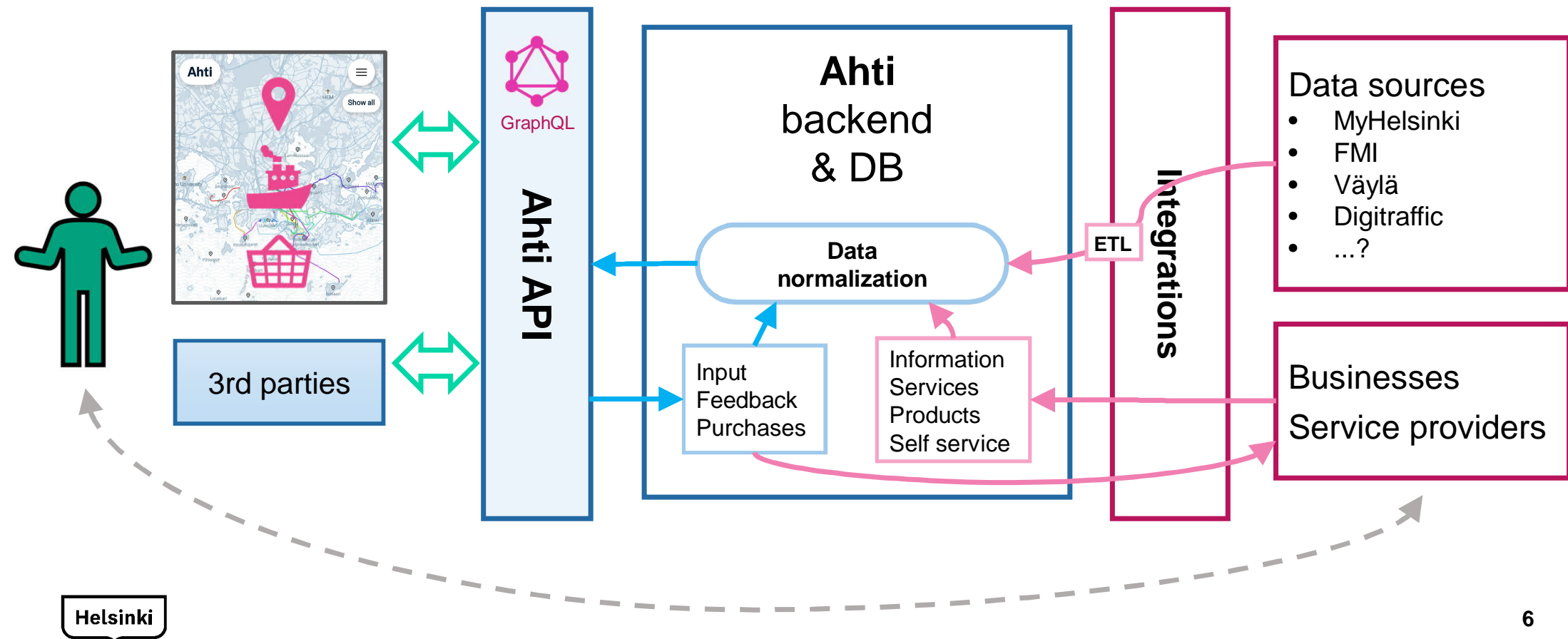
# Ahti Alpha version



- Currently exists as a proof-of-concept alpha version at <https://ahti.app>
- Only serves static content for now
- Feedback and suggestions warmly welcomed
  - Especially: What would *you* like to see included?

# Ahti architecture

## Overview



# Ahti query API

query Resources(\$filter) {

## Resource

- id
- title
- part of: Resource
- geometry: GeoJSON
- validFrom, validTo
- createdAt, modifiedAt
- source system & id
- url
- owner
  
- suggestedPriority?
- suggestedLayer?

## Category (type)

### Tags

- yso
- custom

### Description

- key/value pairs?

### Opening hours

### Products/services

### Collections

## Overrides

(for enrichment)

- key (field)
- value (override)

## Challenges

- Normalization: What source data to leave out
- Dealing with changes at source (keeping in sync)
- Single model for all types of "things"
- Enabling good UX in app with generic structured model
- Ownership: What data can be updated and by who

# Thank you!

Further information:

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