## tieto Evry

# Accelerating Decarbonization of Cities

**Case Vaasa and Current development** 

Fredrik Jansson / TietoEVRY

# **Case Vaasa**

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#### \* • \* \* A COMMITTED tieto EVRY (efortum Fortum is a leading clean-energy St1 is a Nordic energy company, whose TietoFVRY creates digital advantage for company developing and offering solutions for our customers in electricity seller of CO2-aware energy. While fossil digital services and software company heating funde with local presence and PEAD MORE PEAD MORE PEAD MORE WARTSILÄ Wartsilä is a global leader in smart technologies and complete lifecurle DEAD MOD POHJOLAN **ENERGIAPÄÄKAUPUNK** asan kaupungin strategia 2020-202

## For who? **Municipalities and Companies**

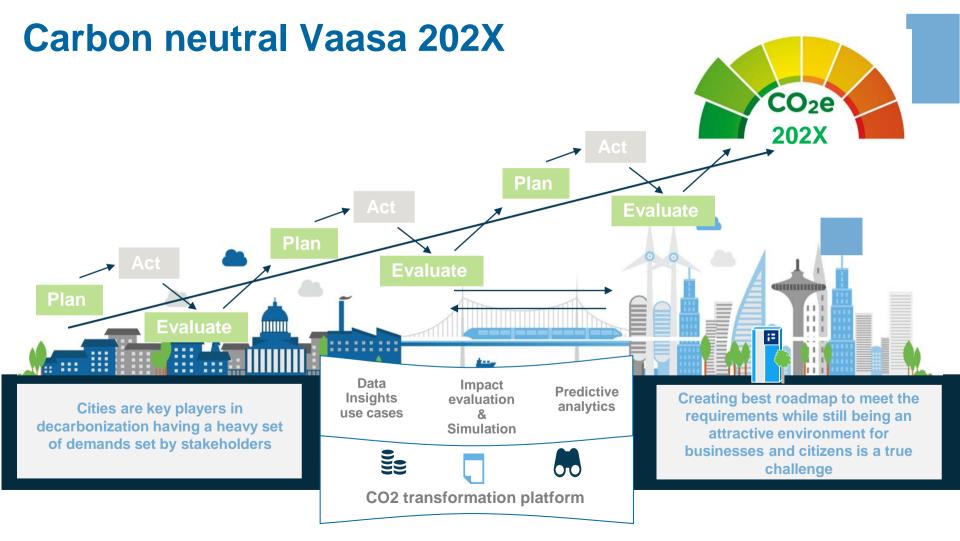
In collaboration with Vaasa municipality, Wärtsillä, The Local Energy company Vaasan Sähkö and some other companies we have created a **data and -collaboration platform for building a city decarbonization roadmap.** The platform gathers the data and tools for planning and testing initiatives for carbon reduction.

Current status: POC-on data platform for data-collection and comparison. Prototype on Road mapping tool Continuation project under construction



TetoEVRY has been awarded second place in IDC's 2020 8mart Cities and Communities Europe and Central Asia Awards in the category for Resilient Infrastructure. The recognition came for the Decarbonisation Platform project to the city of Vasa, completed during 2020.

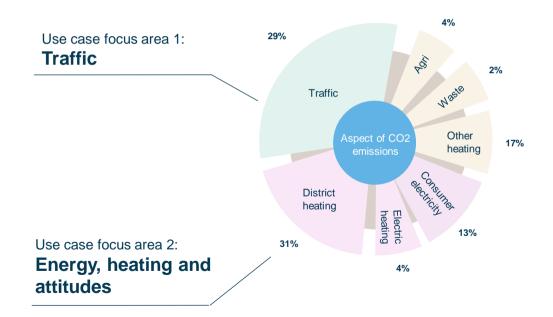




## Use case selection for Proof-of-Concept

Traffic and Energy, heating and
attitudes has selected focus areas for the
Proof-of-Concept. Use cases represent
60 - 75% of CO2 emissions in city context.

Project stakeholders seen these areas most potential area to impact on CO2 emissions in Vaasa region in use case **relevance and data availability** point of view.



Context

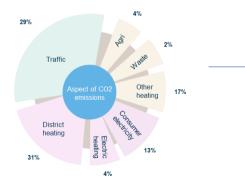
Source of CO2 emissions in City

### Steering the transformation?



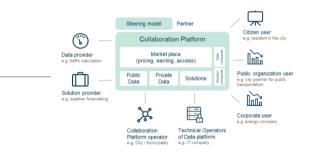
## Domain-specific data-collection and analysis/services?

Source of CO2 emissions in City Context





Collaboration model and Rulebook?



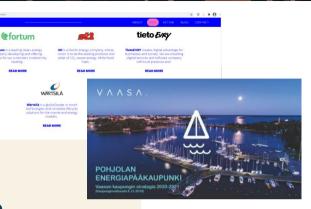
# **Current status**

Current status:

Business development with a focus on the Nordics and scalable products for EU & Selected areas globally.

Partnering with actors and solution providers ongoing.

Development project(s) with several partners in 2021 for 3-4 pilots in the Nordics.



#### Zero Emission Citizen





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