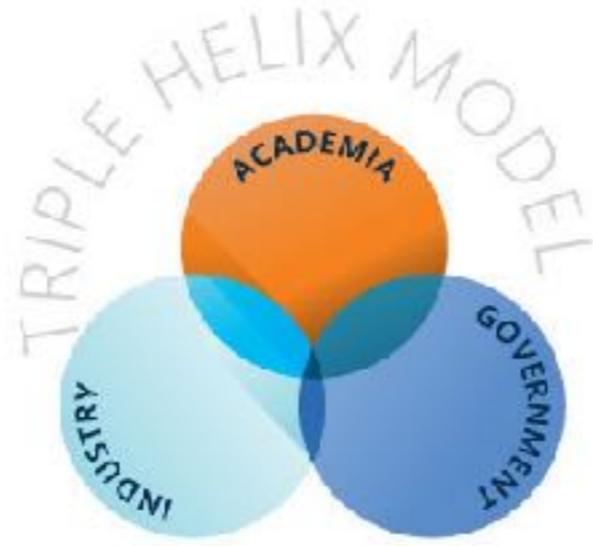




Jannie Jeppesen, CEO



# Overview

## **Setting the Scene- Sweden: A hybrid decentralized education system and early digitalization efforts**

The Swedish Education System and Edtech- a super complex market

Early digitalization efforts in Sweden

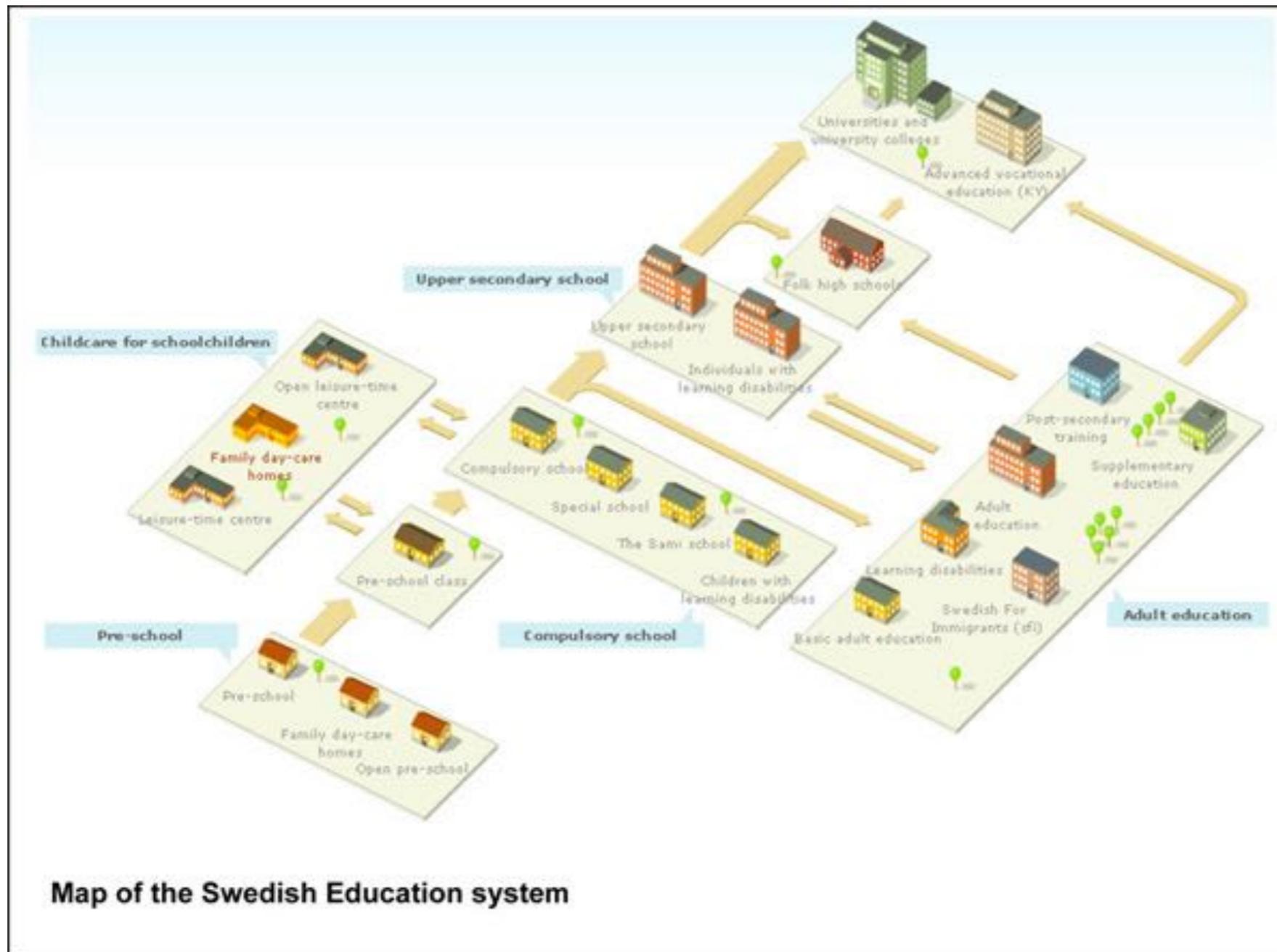
Bottom-up digitalization

## **Challenges in Swedish Schools**

Holes needed to be filled

The need for a Triple Helix Approach- The Complexity of the Education Markets

# A decentralized education system- early digital efforts



## State level:

Legislative  
National curricula  
School inspection

## Municipalities/School owners:

Self governing: funding etc

*290 Municipalities*

*+300 School owners*

*(14% of students in "Free schools")*

## Digital efforts, State level:

**1980s:** Compis- Programming skills in curricula

**1990s:** ITiS, IT in school program

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**2018:** National Strategy for Digitalization in Schools

## Digital landscape in schools:

**2017:** *One of the most digitalised education systems in the world*

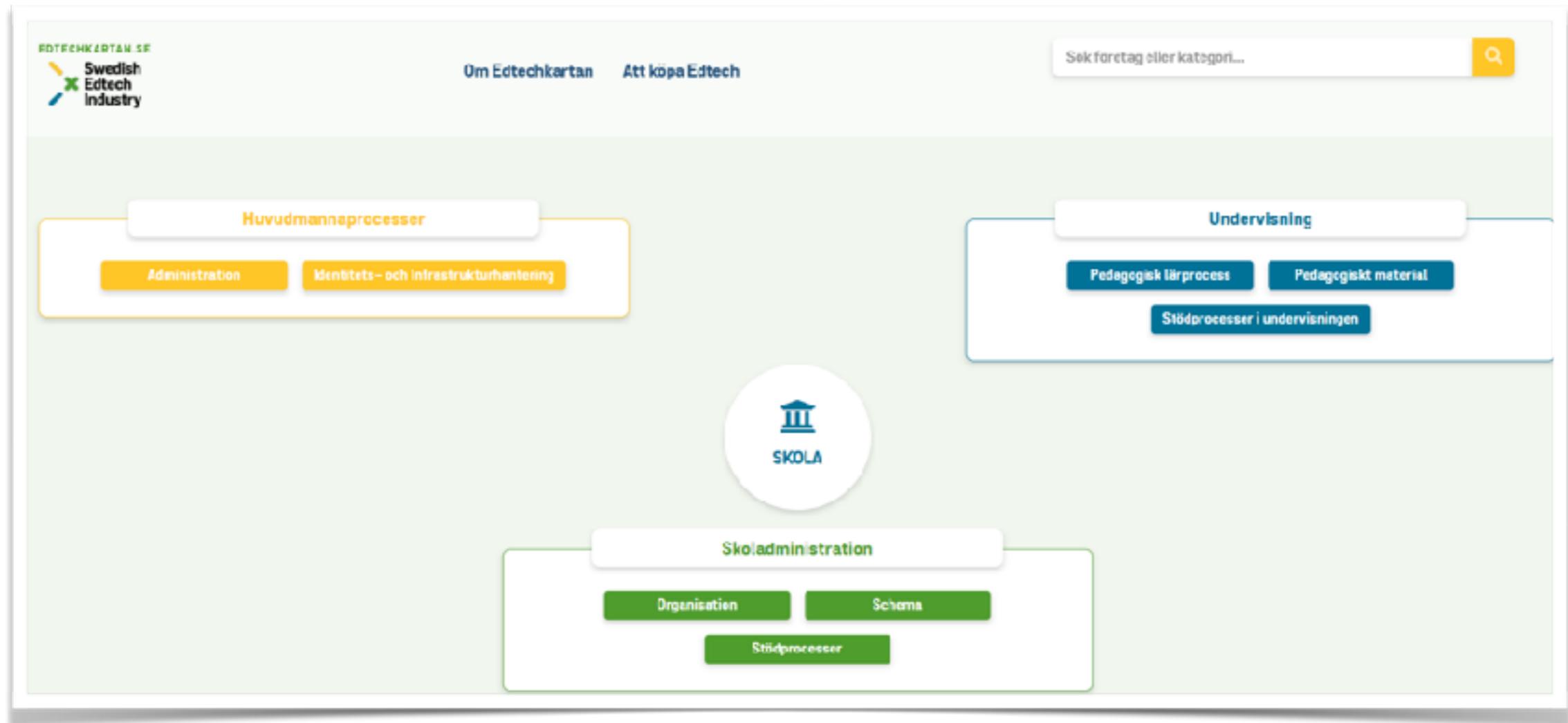
# Technology penetration

- +90% high speed internet in schools
- 9 out of 10 students have a school computer/device yr 13-18
- 17% of textbook market is digital
- High degree of admin and communication with parents are digital

## Challenges

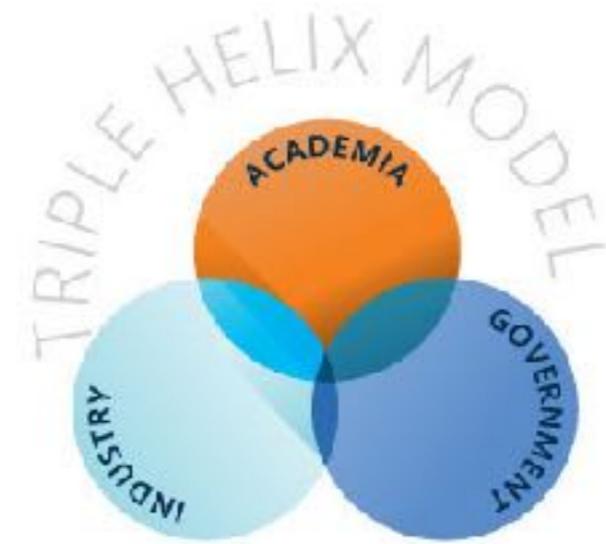
- Lack of basic infrastructure standards, resulting in "lock ins" to technologies and solutions
- Inequity/large differences between schools
- Need for increased Strategic Digital Competence on a national and regional level, i.e *procurement* and *data as a strategic resource*

# Mapping the digital ecosystem



# Resource for procurement

The screenshot shows the Edtechkartan.se website interface. At the top left is the logo for Edtechkartan.se, Swedish Edtech Industry. Navigation links include 'Om Edtechkartan' and 'Att köpa Edtech'. A search bar is located at the top right with the placeholder text 'Sök företag eller kategori...'. The main content area is divided into three primary sections: 'Huvudmannaprocesser' (highlighted in orange), 'Undervisning' (highlighted in blue), and 'Skoladministration' (highlighted in green). A yellow magnifying glass is positioned over the 'Att köpa Edtech' link, which has opened a dropdown menu. This menu lists various procurement-related topics: 'Stöd vid inköp och upphandling', 'Före vanliga misstag', 'Betal. Löjor med', '10 saker att tänka på inför inköp', '10 saker att tänka på under inköp', '10 saker att tänka på efter inköp', 'Olika inköpfungreder, ord och begrepp', 'Interoperabilitet och it-standarder', and 'I skilda'.



## **A sustainable digital ecosystem**

- Align terminologies, attributes and basic data sets
- Agree to implement open technical standards for interoperability, based on international standards

## **Keep focus on goals:**

- Higher learning outcomes incl. digital competence
- Making administrative work more efficient for teachers
- Address Usability on an ecosystem level to meet the demands of the "Spotify-generation" of parents, teachers and kids

*This will set the platform for using data as strategic resource for harnessing potential in the education system.*



Jannie Jeppesen, CEO

[jannie@swedishedtechindustry.se](mailto:jannie@swedishedtechindustry.se)