Swedish Edtech Industry

Jannie Jeppesen, CEO

TRIPLE HELIX MODEL

ACADEMIA

GOVERNMENT

INDUSTRY
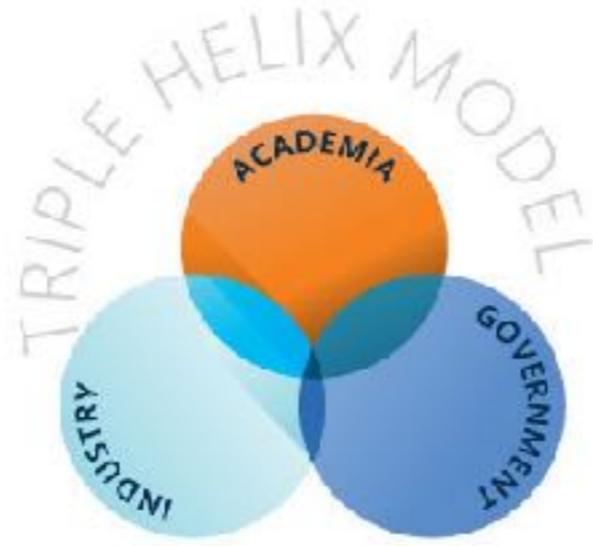
Overview

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

The Swedish Education System and Edtech- a super complex market
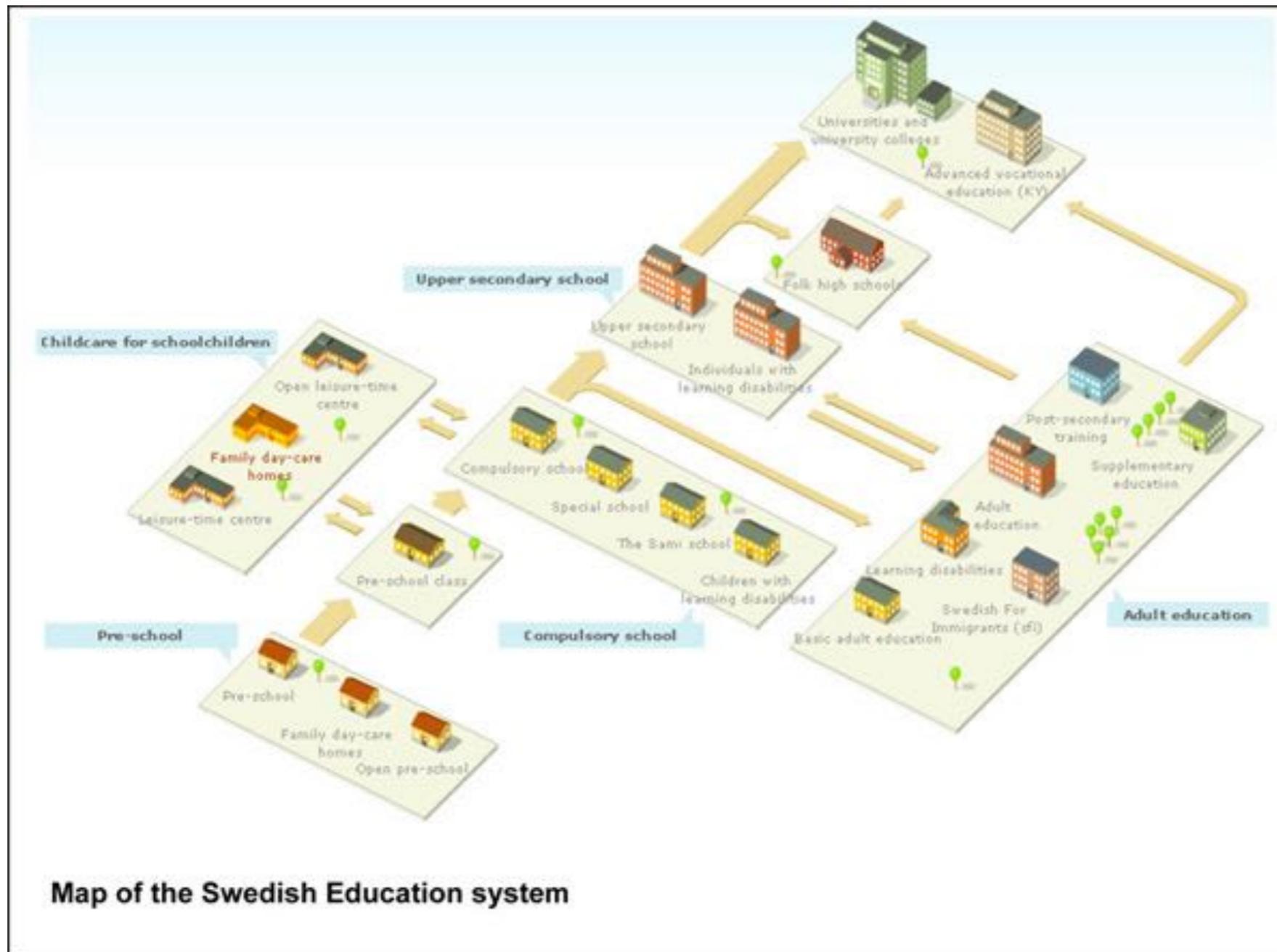
Early digitalization efforts in Sweden

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

Map of the Swedish Education system

State level:
Legislative
National curriculas
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:
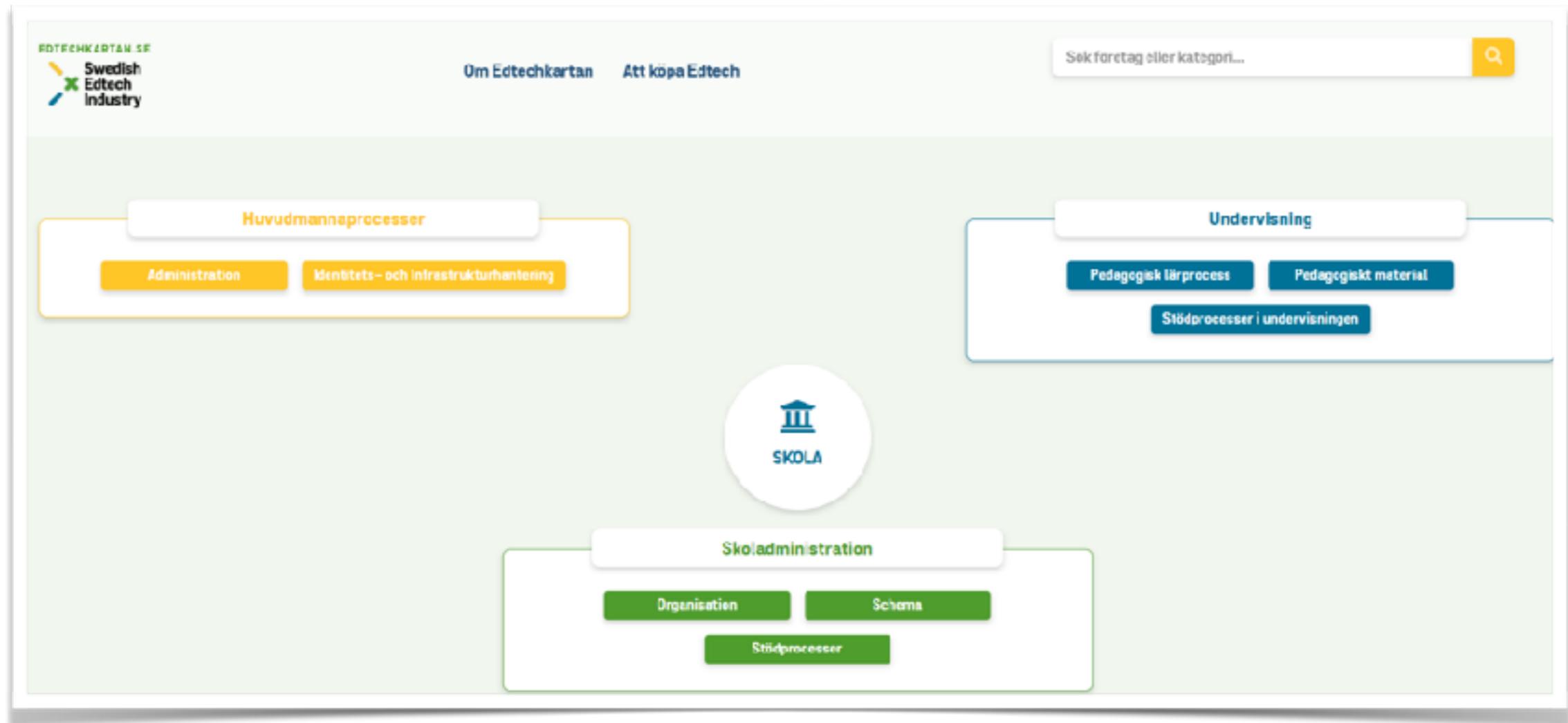*2017: One of the most digitalised education systems in the world*

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
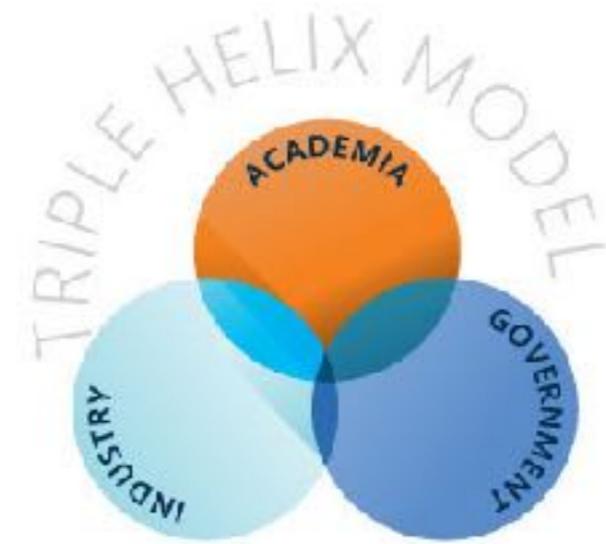
Challenges

- 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

edtechkartan.se

Resource for procurement

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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 Userability 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.

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