

“The future is now”

Why housing associations can no longer afford to be behind the technological curve

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Trafford Housing Trust

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**Share our passion?
Get out of your comfort zone
Be our partner**

What we are looking for

Be smart

Be connected

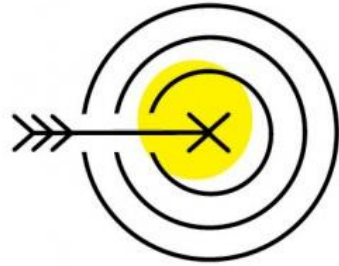
Be human

Share our passion?

Get out of your comfort zone

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Top 10 Strategic Technology Trends for 2018



Intelligent



AI Foundations



Intelligent Apps and Analytics



Intelligent Things



Digital



Digital Twins



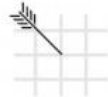
Cloud to the Edge



Conversational Platform



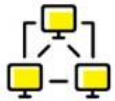
Immersive Experience



Mesh



Blockchain



Event-Driven



Continuous Adaptive Risk and Trust

Intelligent: How AI is seeping into virtually every technology and with a defined, well-scoped focus can allow more dynamic, flexible and potentially autonomous systems.

Digital: Blending the virtual and real worlds to create an immersive digitally enhanced and connected environment.

Mesh: The connections between an expanding set of people, business, devices, content and services to deliver digital outcomes.

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Gartner

Artificial Intelligence

Artificial Intelligence

Digital Twins

Artificial Intelligence

Digital Twins

Blockchain

Where is the world's most digitally advanced country?

E S T O N I A

we have built a digital society and so can you

Named 'the most advanced digital society in the world' by Wired, ingenious Estonians are pathfinders, who have built an efficient, secure and transparent ecosystem that saves time and money. e-Estonia invites you to follow the digital journey.

[LEARN HOW](#)

success stories

When Estonia started building our information society about two decades ago, there was no digital data being collected about our citizens. The general population did not have the internet or even devices with which to use it. It took great courage to invest in IT solutions and take the information technology route.

Here are some of our best e-solutions that have led to Estonia becoming one of the world's most developed digital societies.

1997



e-Governance

2000



e-Tax

2001



X-Road

2001



Digital ID

2005



i-Voting

2007



Public safety

2008



Blockchain

2008



e-Health

2014



e-Residency



e-identity

Did you know that more digital signatures have been used in Estonia than in the rest of the European Union altogether?

- ID card
- Mobile-ID
- e-Residency
- Smart-ID

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interoperability services

Did you know that X-Road saves over 800 years of working time for Estonia every year?

- X-Road
- e-Land Register
- Population Registry
- Sharemind

[LEARN MORE](#)



security and safety

Did you know that scalable blockchain technology called KSI is invented by Estonian cryptographers?

- KSI Blockchain
- e-Law
- e-Court
- e-Police

[LEARN MORE](#)



healthcare

Did you know that Estonia uses blockchain technology to ensure healthcare data security?

- e-Health Records
- e-Prescription

[LEARN MORE](#)



e-governance

Did you know that 99% of public services are available to citizens as e-services?

- i-Voting
- State e-Services Portal
- e-Cabinet

[LEARN MORE](#)



mobility services

Did you know that self-driven vehicles have been allowed to drive on public roads in Estonia since 2017?

- Intelligent Transportation Systems
- Mobile Parking
- Border Queue Management

[LEARN MORE](#)



business and finance

Did you know that you can establish a company in Estonia just in 18 minutes?

- e-Tax
- e-Banking
- e-Business Register
- Industry 4.0

[LEARN MORE](#)



education

Did you know that twice as many students pursue IT careers in Estonia than the average in other OECD countries?

- e-School
- DreamApply
- Estonian Education Information System
- Eliis

[LEARN MORE](#)

ambitious future

- New digital nation**
- Cyber security**
- Data Embassy**
- Intelligent transportation**
- Reporting 3.0**
- Cross-border data exchange**
- Healthcare 4.0**
- Digital Transformation in Education**
- Real-Time Economy**
- Industry 4.0**



Successful countries need to be ready to experiment. Building e-Estonia as one of the most advanced e-societies in the world has involved continuous experimentation and learning from our mistakes. Estonia sees the natural next step in the evolution of the e-state as moving basic services into a fully digital mode. This means that things can be done for citizens automatically and in that sense invisibly.

In order to remain an innovative, effective and successful Northern country that leads by example, we need to continue executing our vision of becoming a safe e-state with automatic e-services available 24/7.

BEING HUMAN

Total transparency and control for the customer

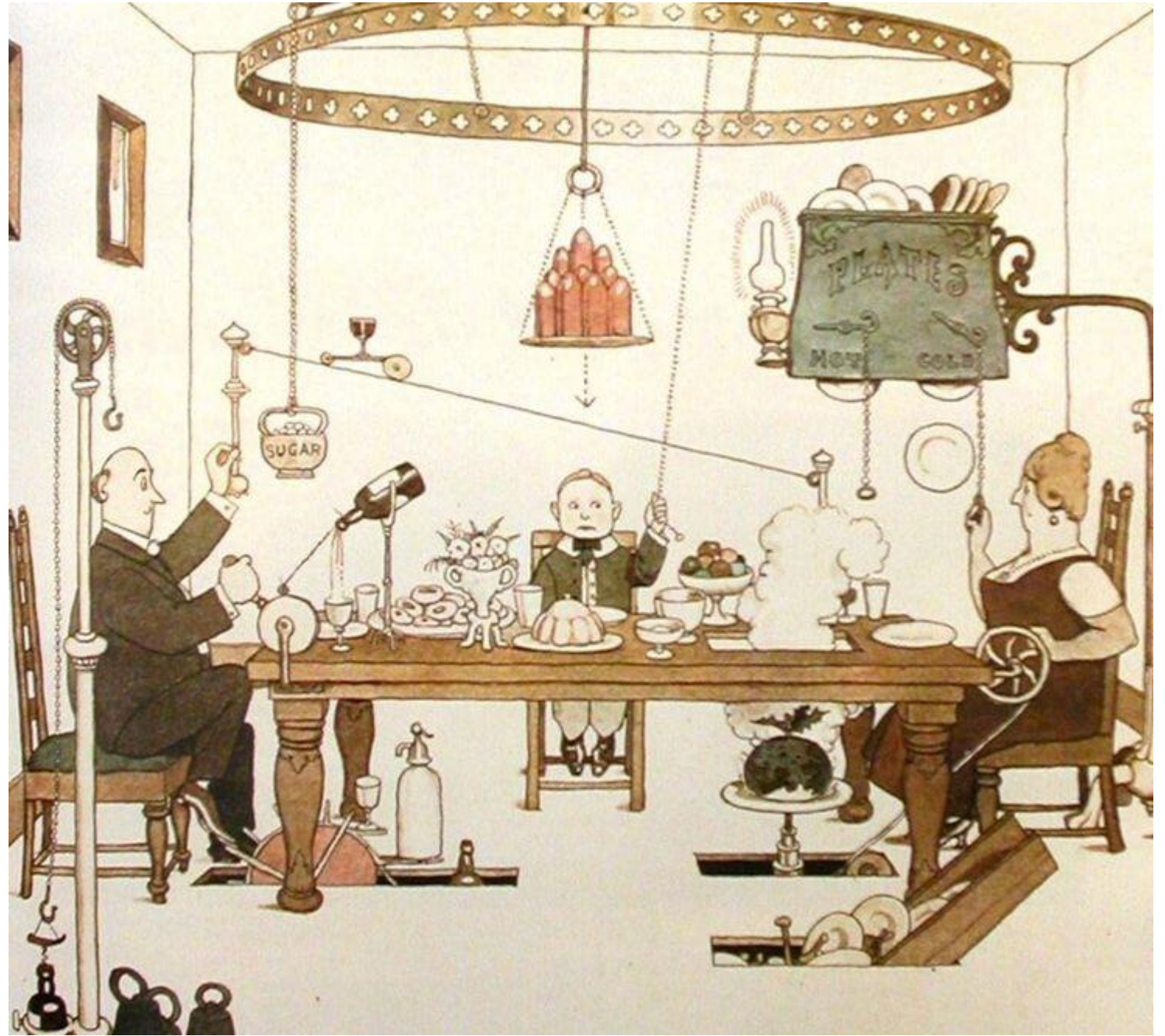
Integrated in their digital world

Tone of voice for the 99%

And an experience which is affordable,
personal, engaging and easy

Current marketplace

1 Old fashioned technology



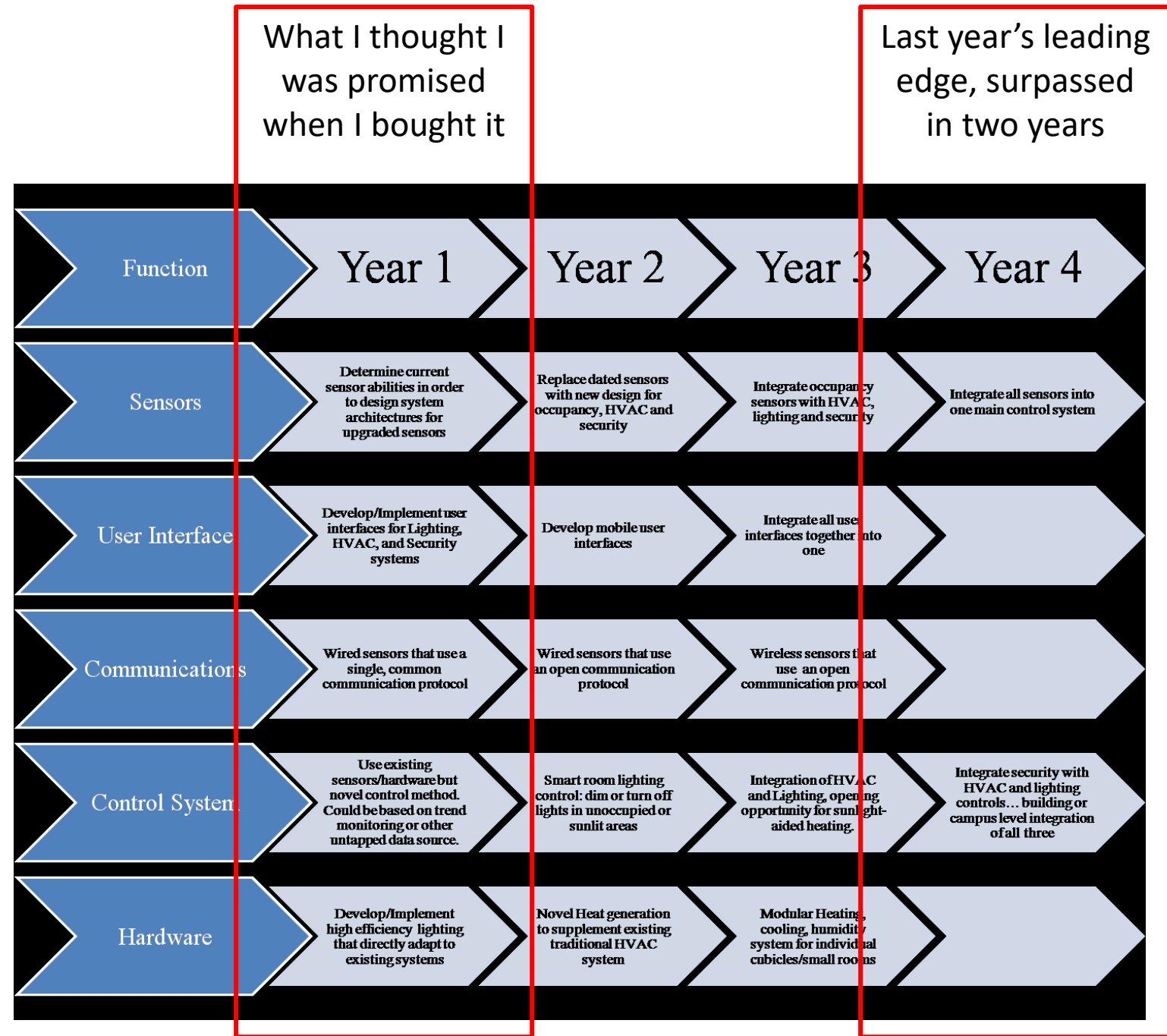
**Current
marketplace**

**2 Transaction
driven**



Current marketplace

3 Road maps to nowhere



**Current
marketplace**

**4 Dumb
buildings**



How it could be different

- Digital seen as a strategic differentiator rather than a modern-day ledger.
- Digital seen as an essential criteria when the skills mix of the Board is being considered.
- Executive teams placed digital irrelevance on their risk maps and did something about it.
- IT teams – be more demanding.
- Connect with the wider world.
- Established players consider a different business model.
- Housing support / incubator / accelerator / route to market for start ups.