

The vision of Philippe Muyters

Flemish Minister for Work, Economy, Innovation and Sports



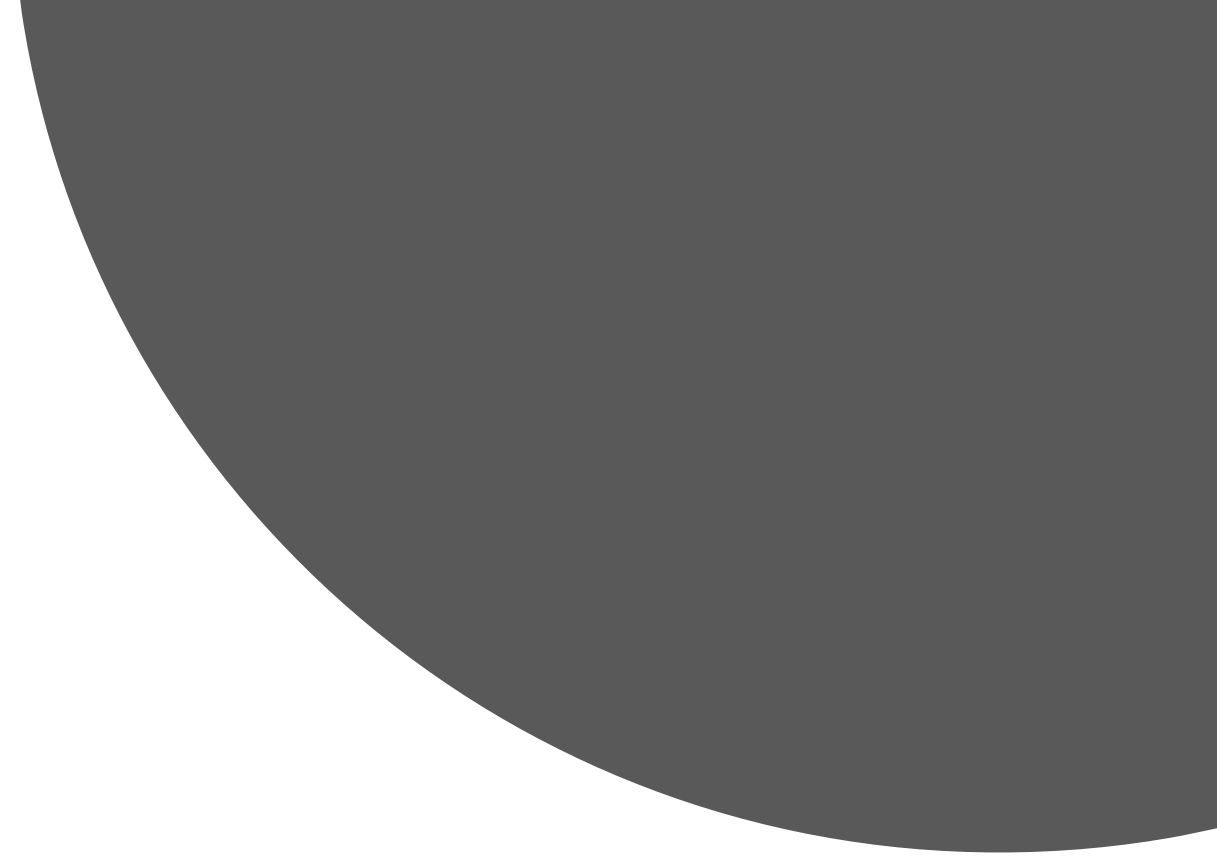
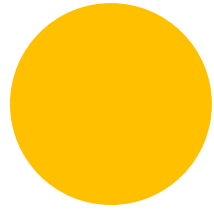
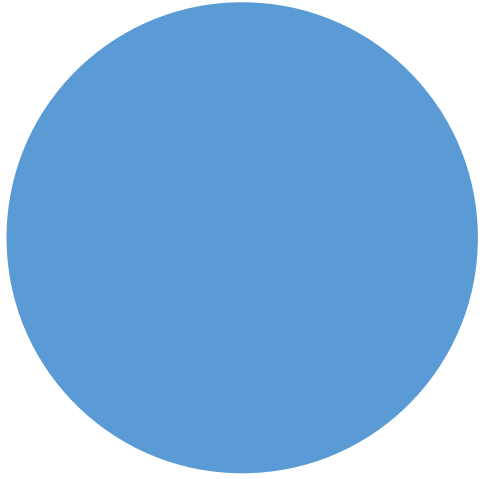
by Eric Sleenckx, advisor Economy and Innovation

31 | smart building
05 | smart home
2018 | congress



#SBSH2018

FEE



Smart Homes
Smart Buildings
Setting the scene

Spoiler alert

Some
Challenges
Facing the
Smart Home
Market

Nobody knows the market size

Technology not ready yet

Thieves got a free entry ticket

It's more than getting connected

➔ People are aware, but hesitate

Nobody knows the market size ...

Everybody expects it to “explode”

But WHEN? Should you wait?

Remember the Domotics Boom ??

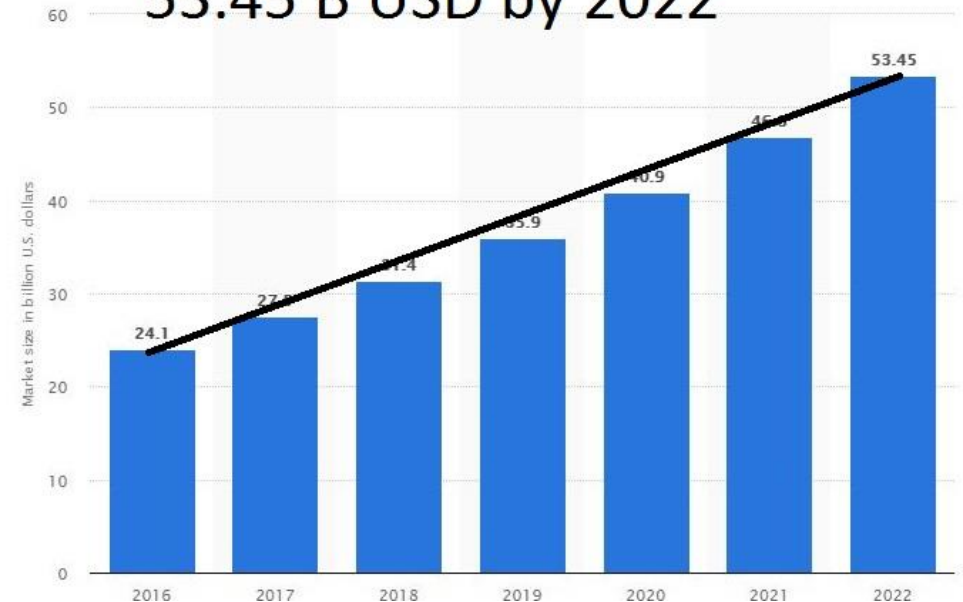
Belgium

€ EUR

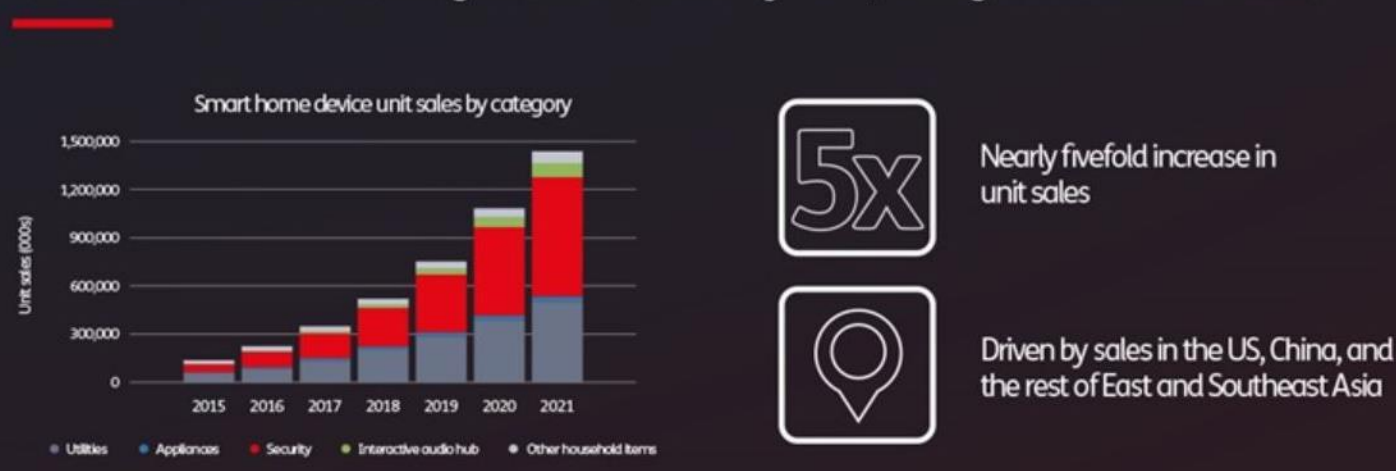
- Revenue in the Smart Home market amounts to €149m in 2018.
- Revenue is expected to show an annual growth rate (CAGR 2018-2022) of 22.8%, resulting in a market volume of €339m in 2022.
- Household penetration is at 10.2% in 2018 and is expected to hit 23.4% by 2022.
- The average revenue per installed Smart Home currently amounts to €140.34.
- A global comparison reveals that most revenue is generated in the United States (€17,094m in 2018).

Forecast market size of the global smart home market

53.45 B USD by 2022



Smart home households will grow to 463 million by 2021, driving unit sales to 1.4 billion



Technology not ready yet

But can you wait?

Should you wait?



Imec: 'Binnen 5 à 10 jaar onderzoekt uw auto uw gezondheid'

23 mei 2018 17:22

🔖 f in 🐦 ✉



Smart Home Challenges and Approaches to Solve Them: A Practical Industrial Perspective

Chapter · January 2009 with 97 Reads
DOI 10.1007/978-3-642-70263-9_11
ISSN 1865-0929

Thieves got a free entry ticket

Security IS an issue

Privacy IS an issue

IoT Privacy and Security Challenges for Smart Home Environments

Are Your Fish Tanks a Security Risk?



Dieven hebben geen sleutels nodig om auto te stelen

It's more than getting connected,
it's about INTEGRATION and COOPERATION

SMART HOME > BEST PICKS

Best Smart Home Gadgets of 2018

by MIKE PROSPERO Apr 27, 2018, 2:10 PM



Best Smart Speaker AMAZON ECHO (2ND GEN) 	Best Security Camera NETGEAR ARLO Q 	Best Light Bulb PHILIPS HUE WHITE A19 STARTER KIT 
8/10 REVIEW > \$99.99 >Amazon	9/10 REVIEW > \$149.99 >Amazon	8/10 REVIEW > \$69.97 >Amazon

Best Smart Speaker

Best Security Camera

Best Light Bulb

Best Smart Plug

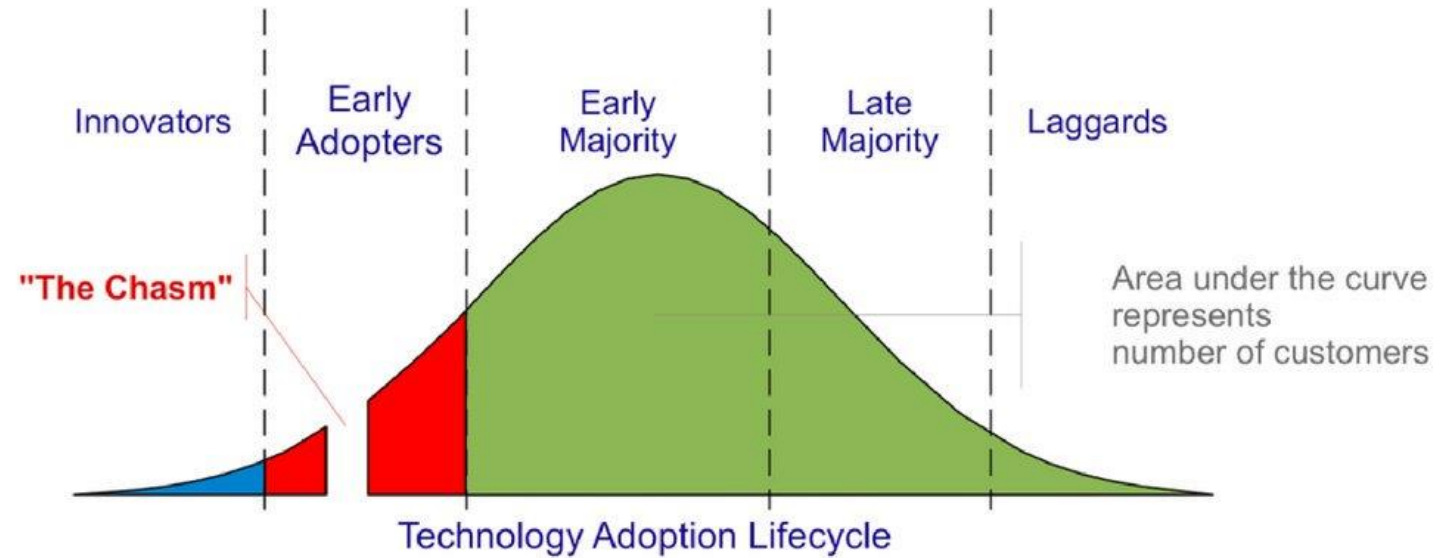
Best Smart Thermostat

Best Smart Smoke/Carbon Monoxide Detector

Best Smart Home Hub

Result?

People are aware,
but hesitate



It's important for Flanders

Direct link with Flanders' Vision 2050



Flanders' vision 2050: 7 transition domains



**Circular
Economy**



Smart living



Industry 4.0



**Lifelong
learning and
a dynamic
professional
career**



**Caring and
living together
in 2050**



**Transport
and mobility**



Energy

So we're here to help



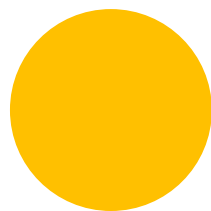
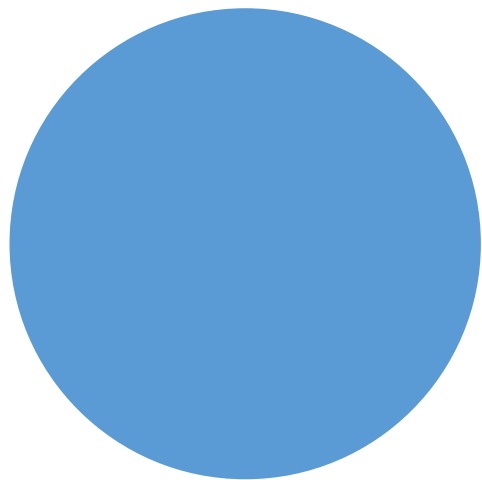


HOMELAB

Europe's first independent testing ground
for smart home applications and services

Flanders is gearing up

- imec & partners
 - IoT
 - CoT (4 MEUR)
- Flanders' Make
- Scale Up Valorization program
- COOCK (knowledge dissemination)
- Innovation Support
- Cluster program (Flux50, ...)
- STS investments
- E-security program
- AI-Big Data program
- ...



Thank you

Eric Sleenckx
Cabinet minister Muyter