

Smart Homes

Forschung für längeres und
unabhängiges Leben zu Hause

Benefit – Demografischer Wandel als Chance
Transnationaler Workshop

11. November 2014, Rathaus Innsbruck

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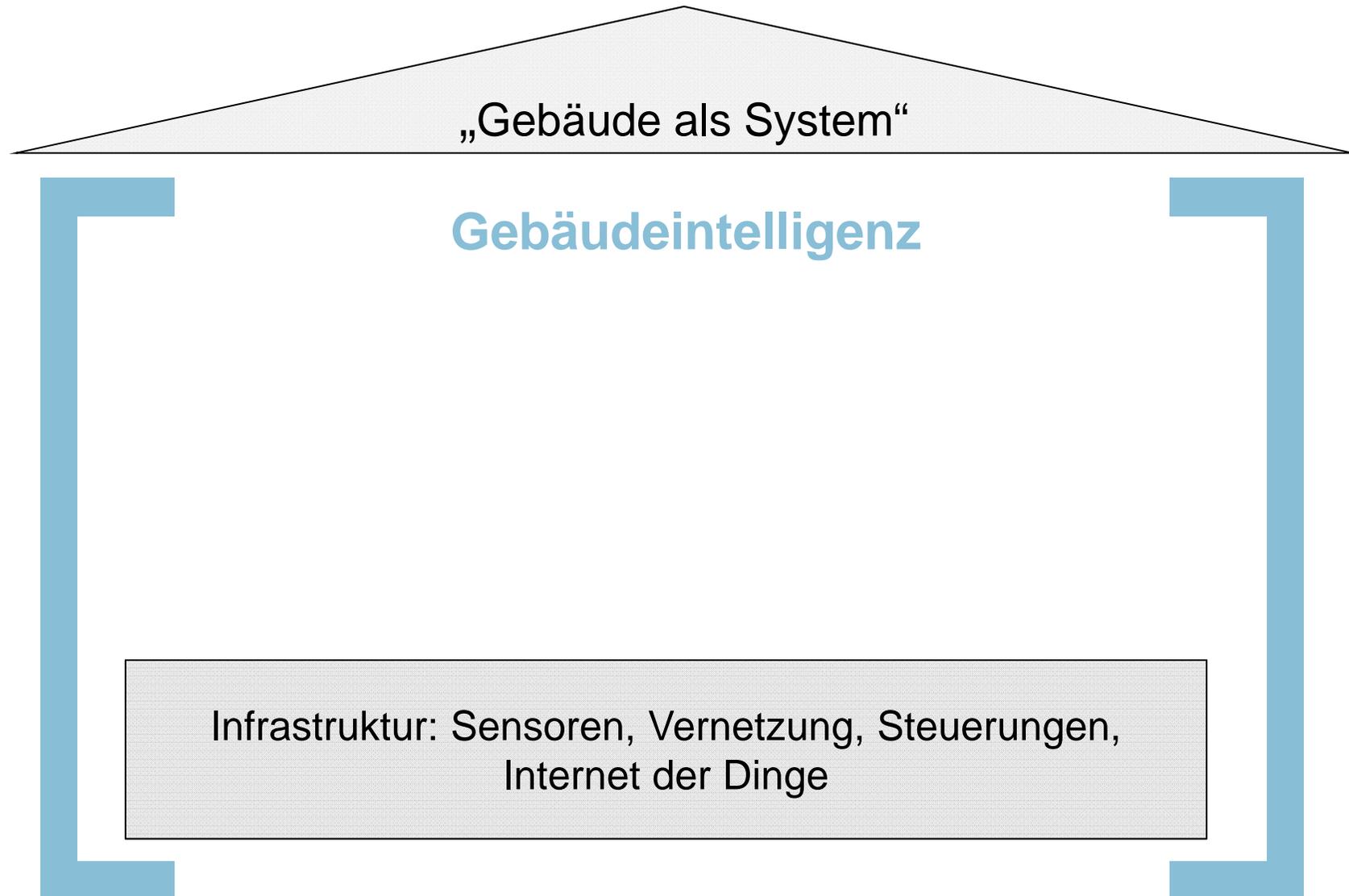
Ziel

- Für Normalbürger erschwinglich
- Einfach installierbar und bedienbar (plug'n'play)
- Funktioniert 100% zuverlässig in allen Situationen

Massentauglichkeit

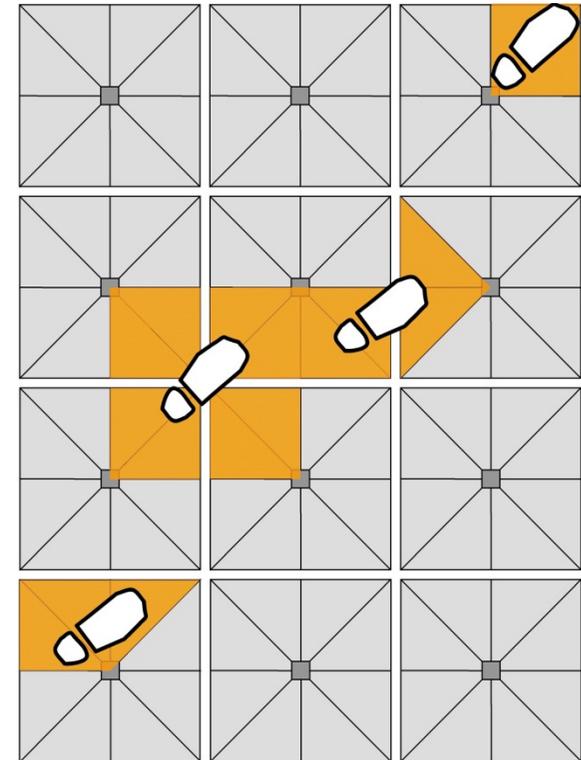
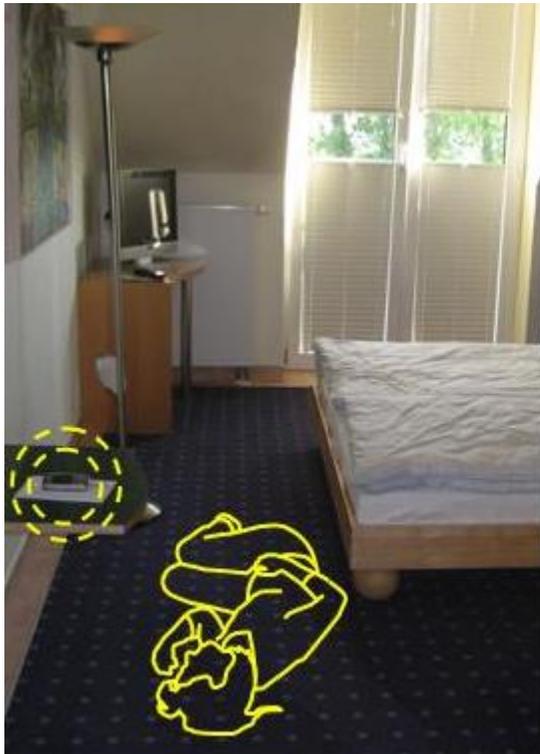
Echter Kundennutzen ersichtlich

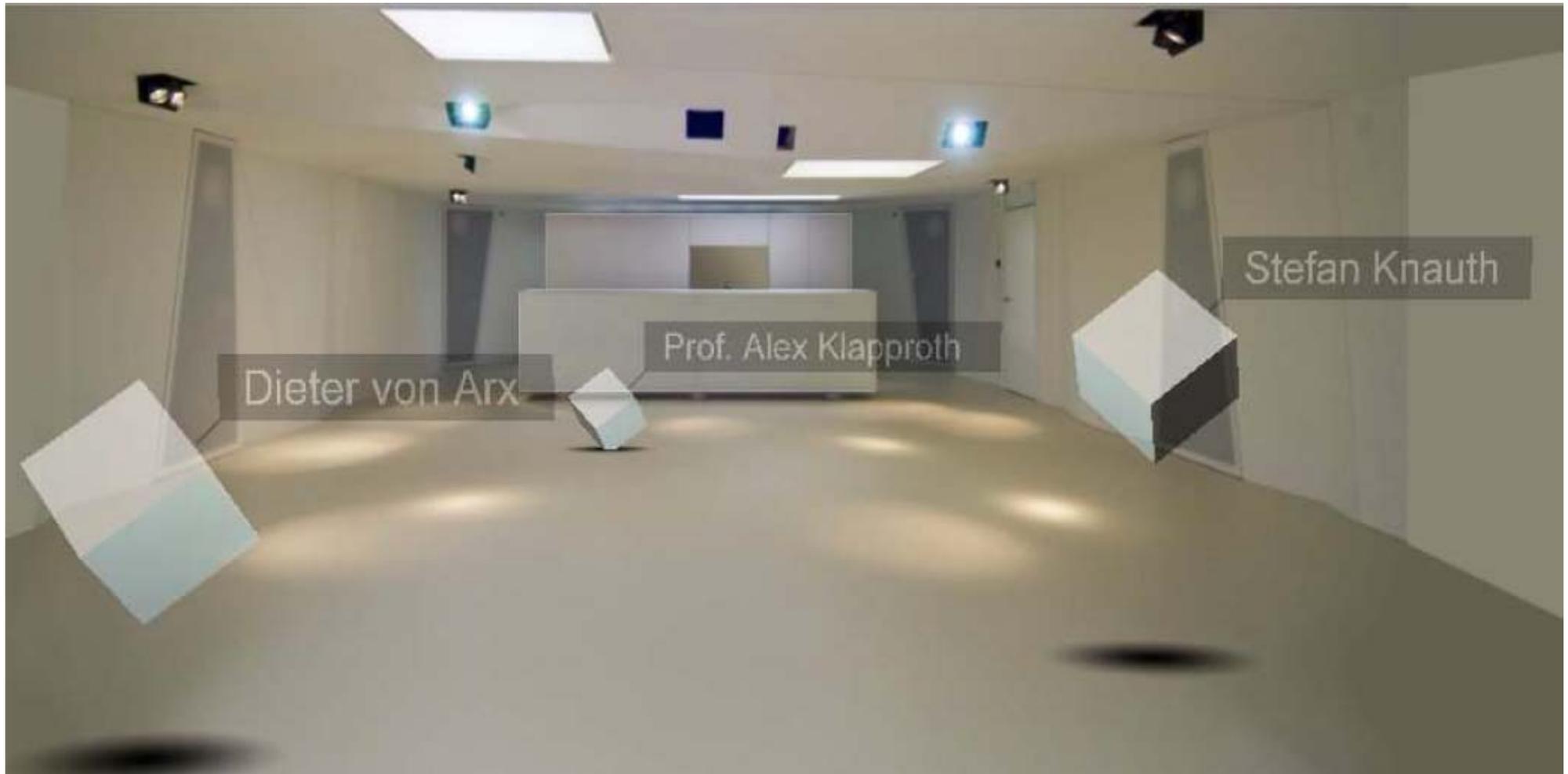
Nicht nur für Tüftler und Wohlhabende



Sensoren morgen

- **Unauffällig**
- **Nicht am Körper**
- **z.B. direkt im Boden**



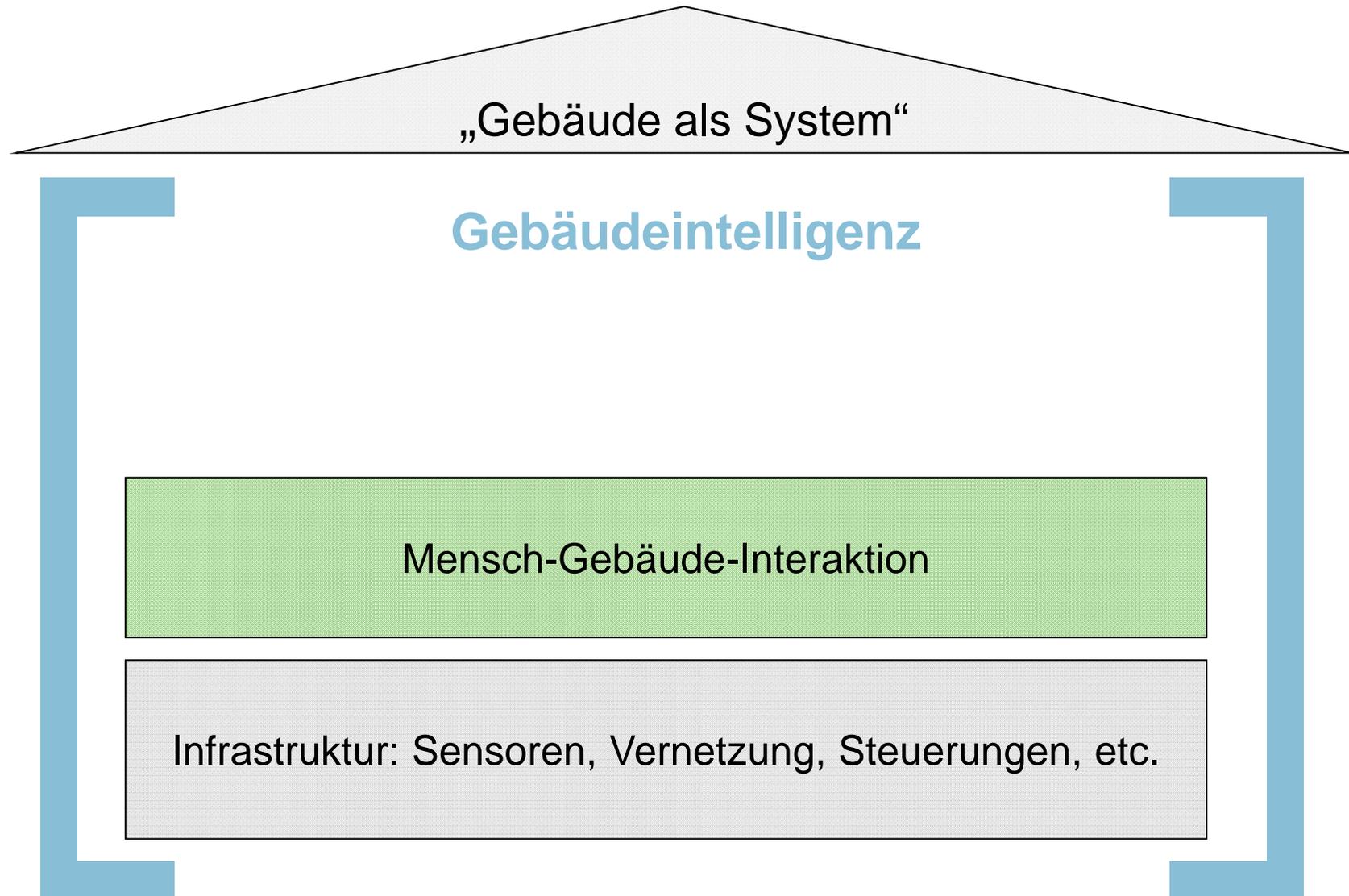


Vernetzung

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Source: E.on UK - EDRP Report





Interaktion benutzerfreundlich?



Streckenpläne

Ticketautomaten

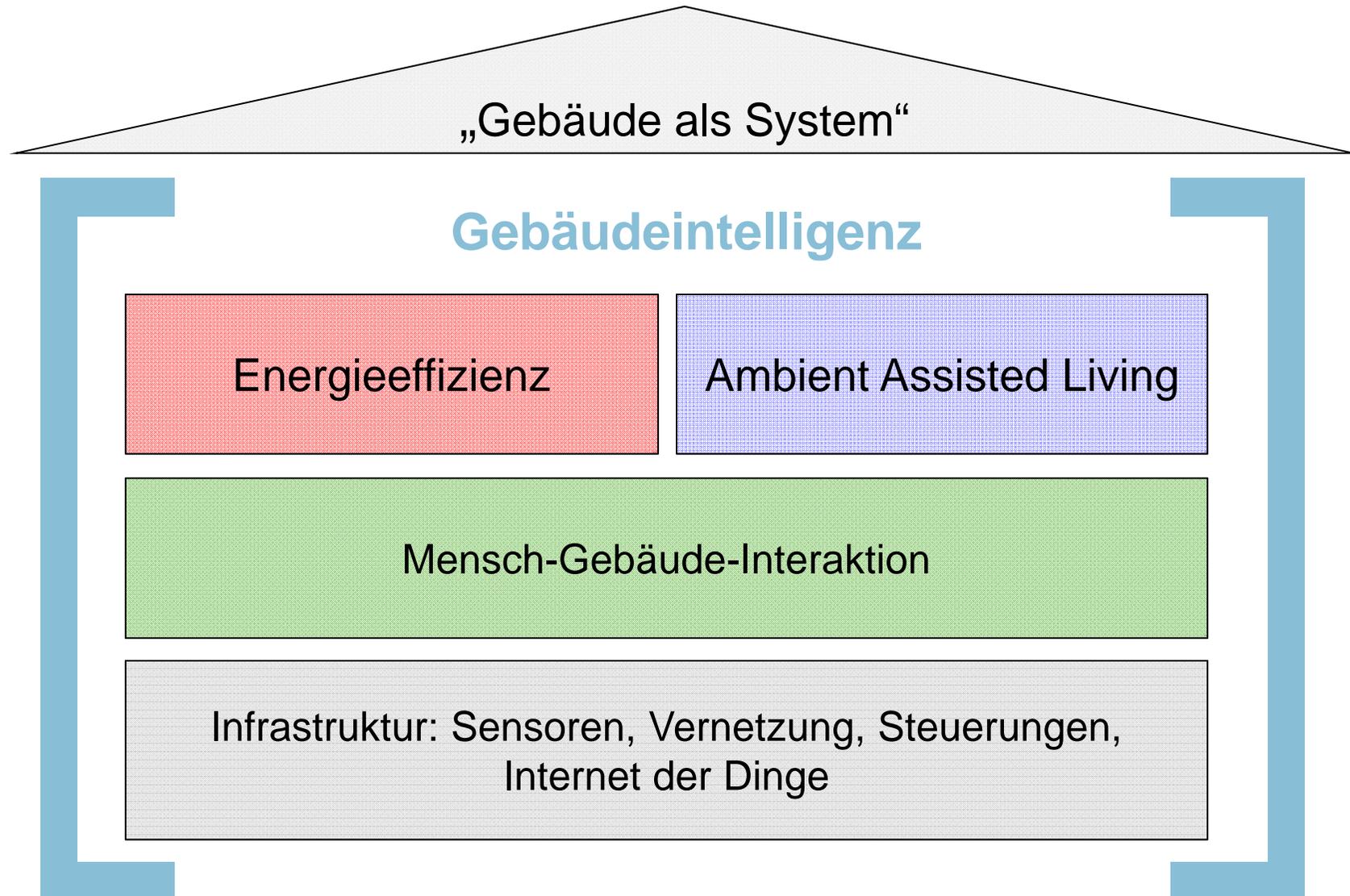
Menschliche Hilfe

Adaptive-UIs

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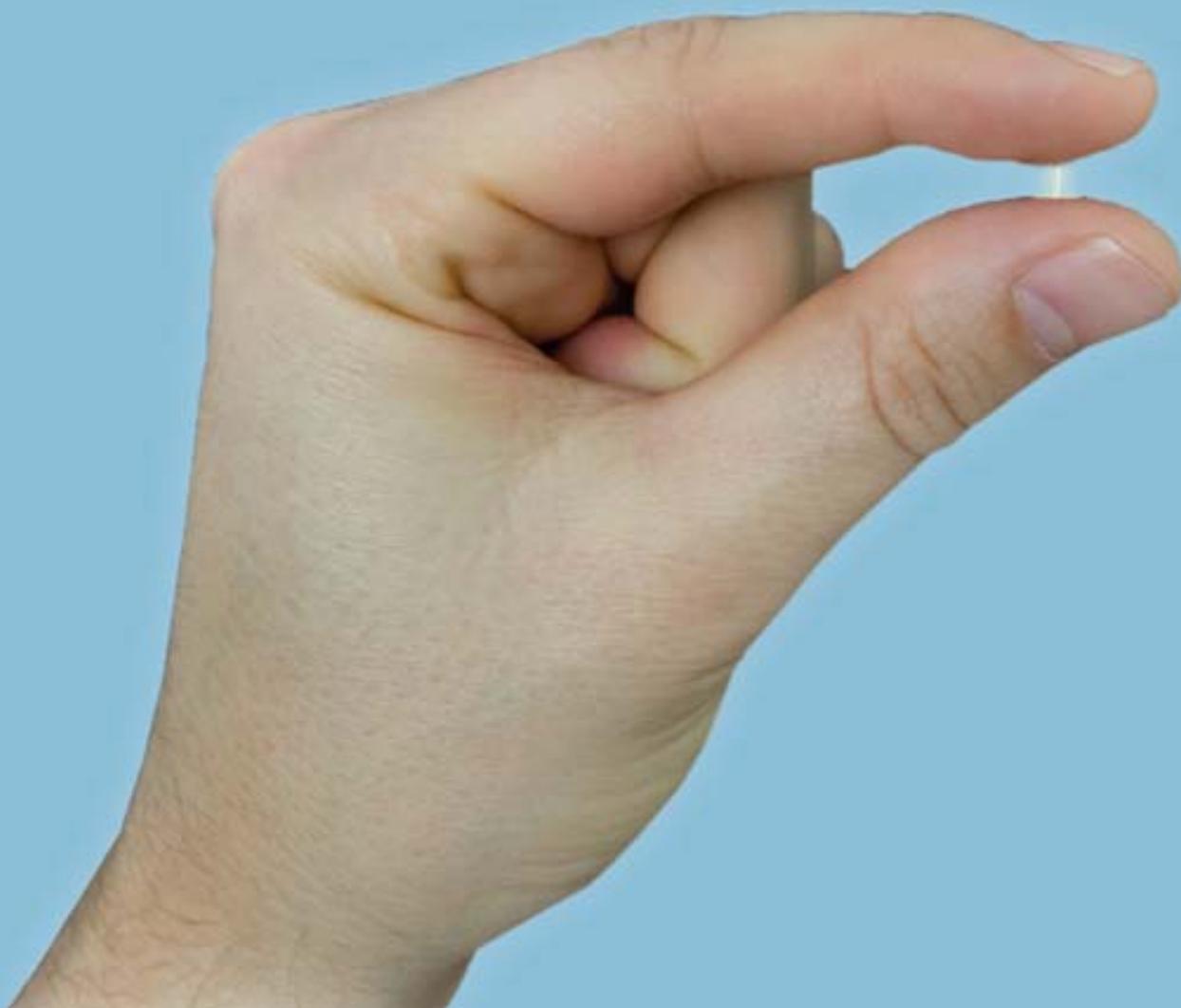


Quelle: <http://www.fastcodesign.com>



Energie Effizienz

mit Gebäudeintelligenz die Umwelt schonen



Ambient Assisted Living

bis ins hohe Alter zu Hause leben



Verbessern der Lebensqualität älterer Menschen

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Ich? Ich bin doch noch zu jung dafür!



Was bringt es mir? Brauche ich nicht!

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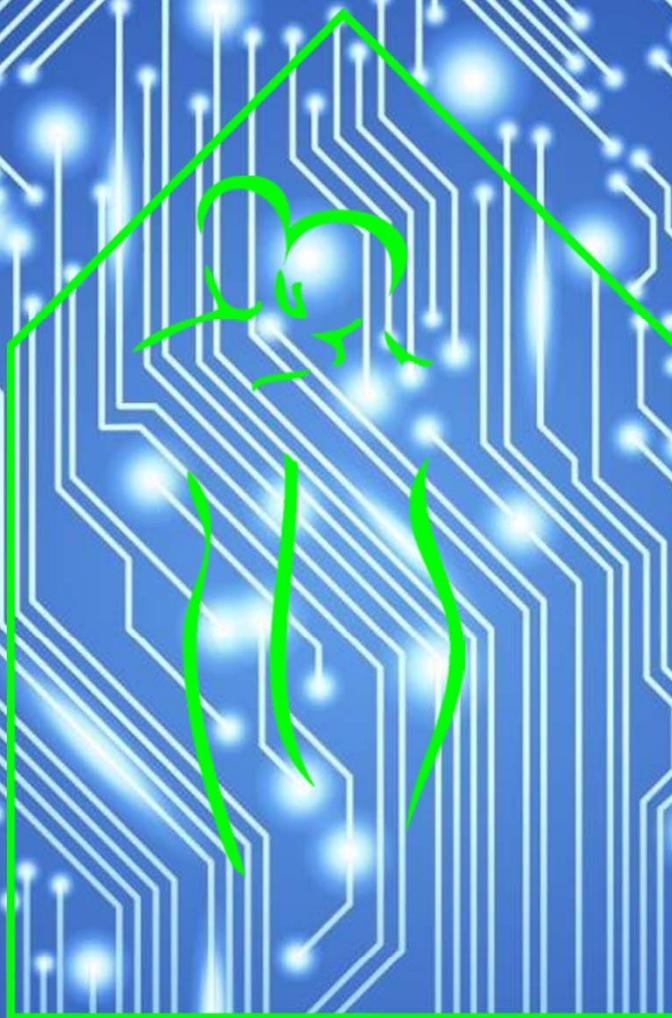


Pflegeroboter?



Gebäudeintelligenz

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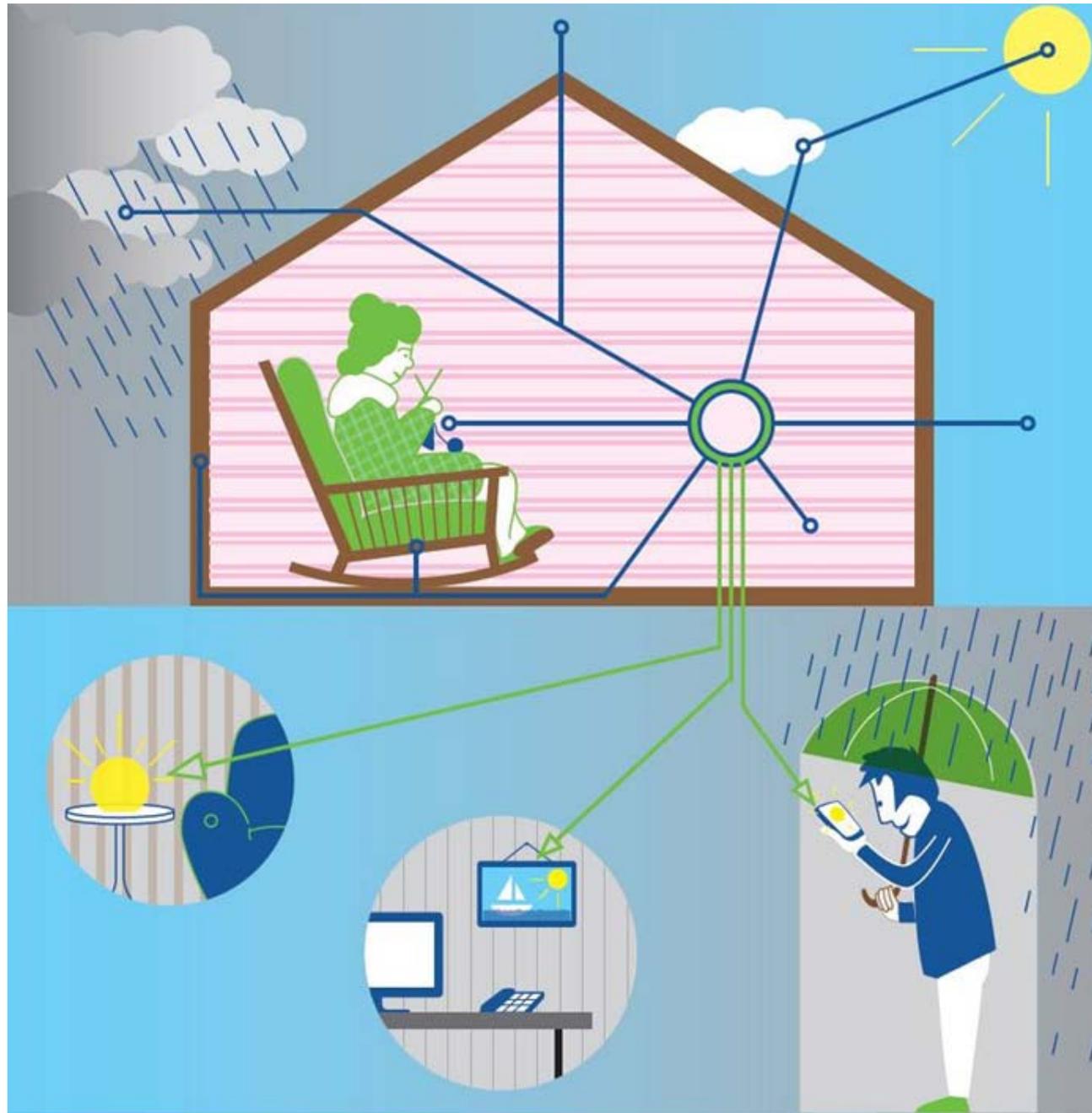


Inaktivitätserkennung

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Angehörige Benachrichtigen



Internet der Dinge

SmartHealthcare/Wellness

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SmartHome

- **Smart Shopping-List:**
 - Ex: As you leave home, a shopping list on your mobile is automatically updated...
- **Smart Energy Savings:**
 - Ex: As the last person leaves home, the thermostats in the bedrooms are tuned down...
- Etc ...

- **Smart Preventive Care:**
 - Ex: Elder people have their day-to-day activities monitored, triggering automatic responses when needed...
- **Smart Case Sheet:**
 - Ex: Medical personnel are given contextualized information on patient's conditions ...
- Etc ...

SmartOffice

- **Smart Meeting:**
 - Ex: Automatic exchange of business cards with new clients/colleagues in meetings...
- **Smart Secured Access:**
 - Ex: Only personnel listed to attend a security briefing can unlock the door...
- Etc ...

SmartTransport/Mobility

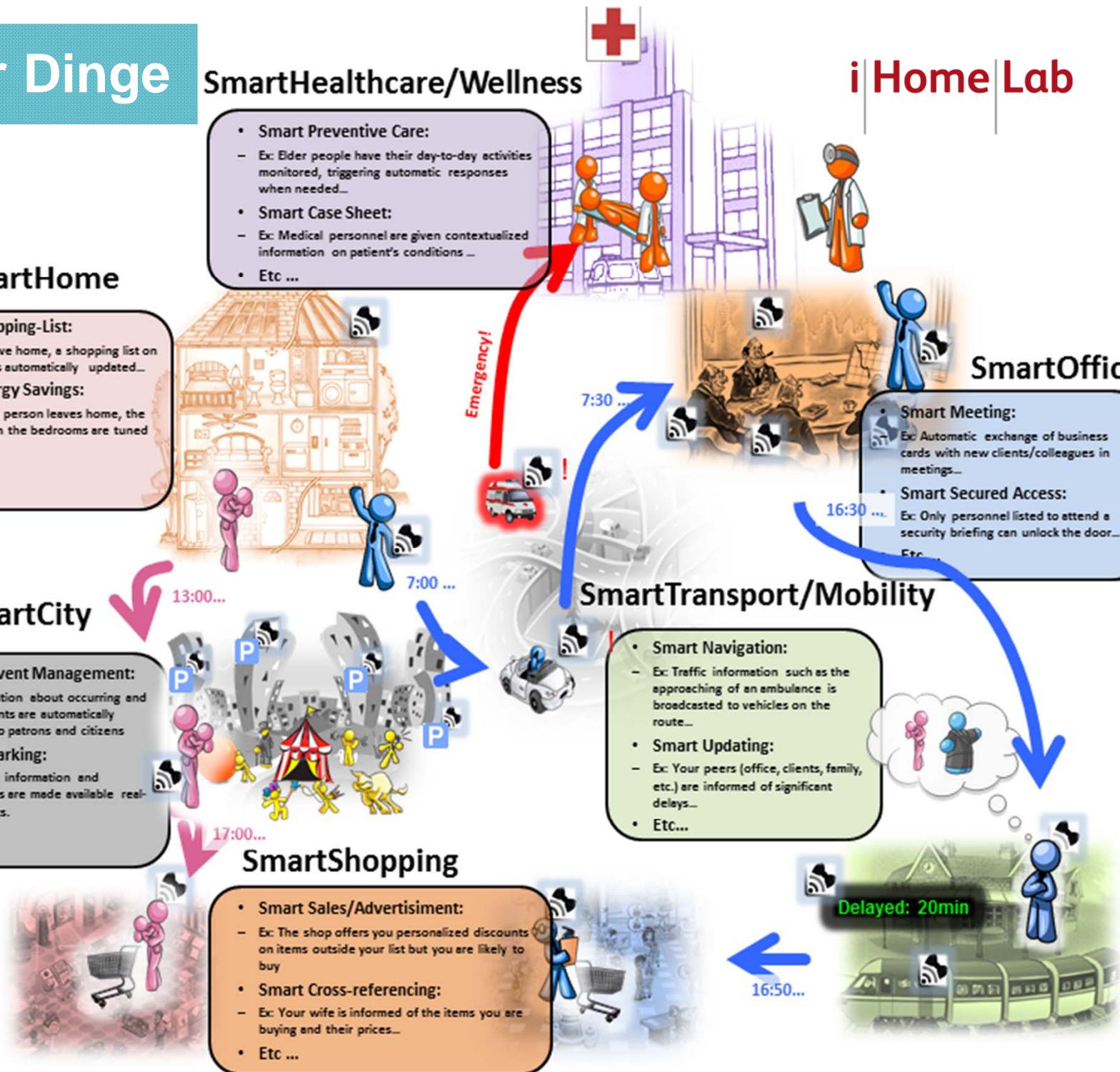
- **Smart Navigation:**
 - Ex: Traffic information such as the approaching of an ambulance is broadcasted to vehicles on the route...
- **Smart Updating:**
 - Ex: Your peers (office, clients, family, etc.) are informed of significant delays...
- Etc...

SmartCity

- **Smart Event Management:**
 - Ex: Information about occurring and future events are automatically available to patrons and citizens
- **Smart Parking:**
 - Ex: Parking information and suggestions are made available real-time events.
- Etc ...

SmartShopping

- **Smart Sales/Advertisement:**
 - Ex: The shop offers you personalized discounts on items outside your list but you are likely to buy
- **Smart Cross-referencing:**
 - Ex: Your wife is informed of the items you are buying and their prices...
- Etc ...



Solar Decathlon Europe 14 – Team Lucerne

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Your+ - Smart Sharing

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Lucerne University of
Applied Sciences and Arts

HOCHSCHULE i|Home|Lab
LUZERN

Technik & Architektur
CC CEESAR
FH Zentralschweiz

Herzlichen Dank!

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Haben Sie Fragen?

