

Climate protection with IoT

IoT Event of Three Ireland & TechFire

ista International GmbH

Gerhard Niederfeld, Head of Advanced Development

Sascha Tietz, Senior Manager Business Innovation

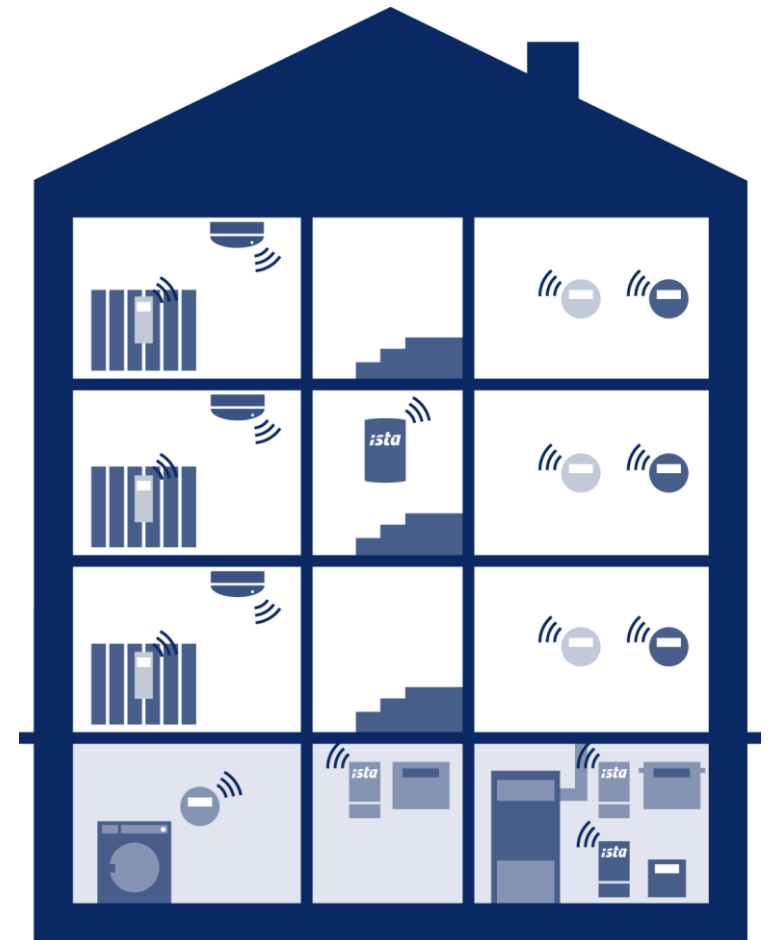
Dublin – 06th of October 2019



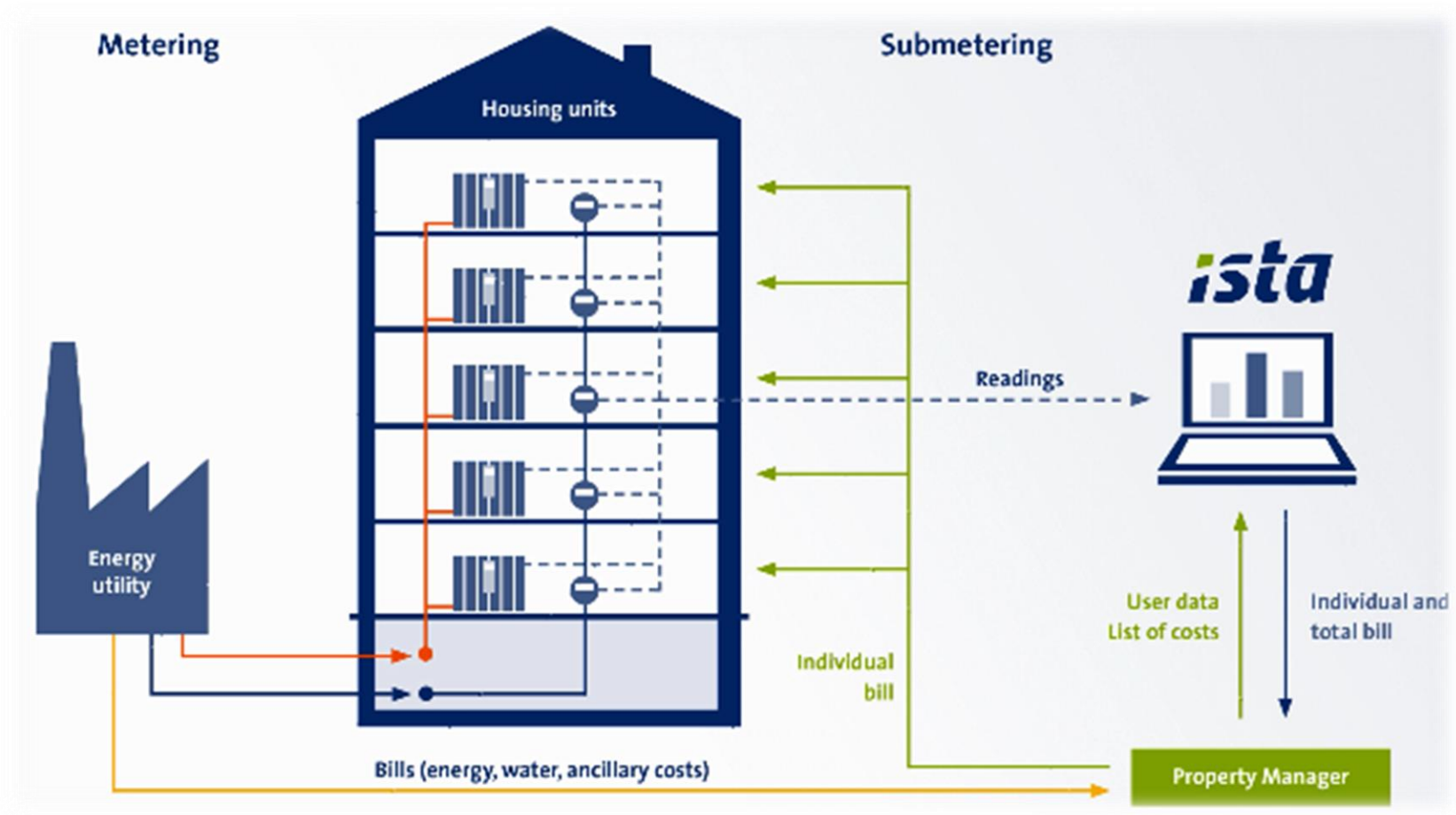
We create transparency of energy consumption ...

Our products and services meter and visualise individual energy and water consumption.

Only people who have transparency of their personal energy consumption can **save energy, costs and CO₂** independently.



How do we do this? With submetering



With walk-by ista offers a highly efficient and convenient solution for customers

Hardware

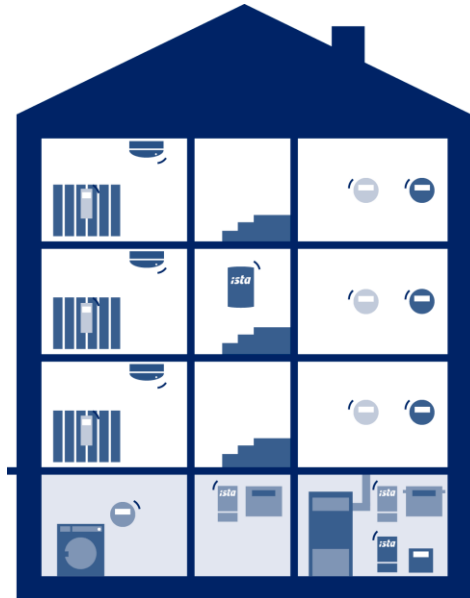
Heat



Water



Smoke alarms



Walk-by



Services



But we managed to deploy a cellular backhaul architecture even more efficient and enabling new services

Hardware

Heat



Water



Smoke alarms



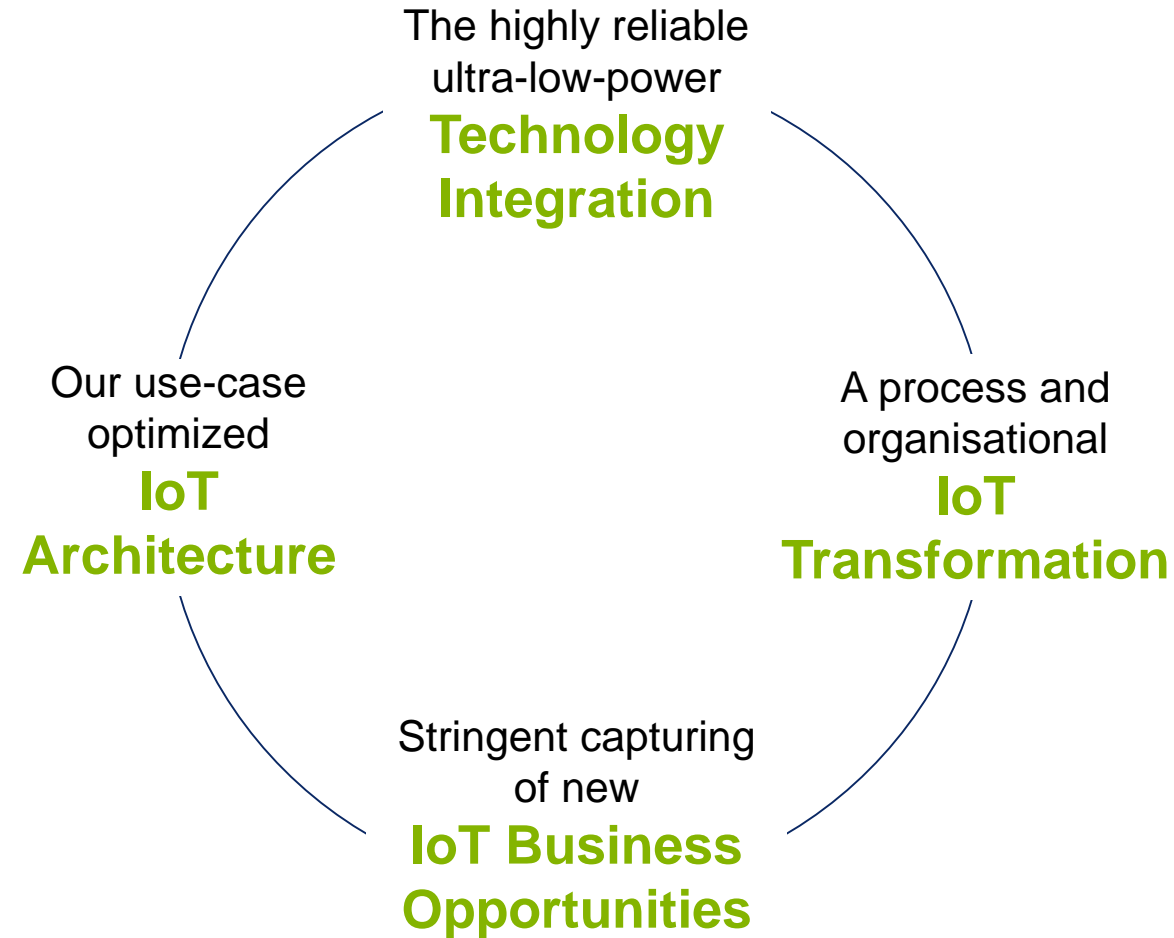
Cellular Backhaul



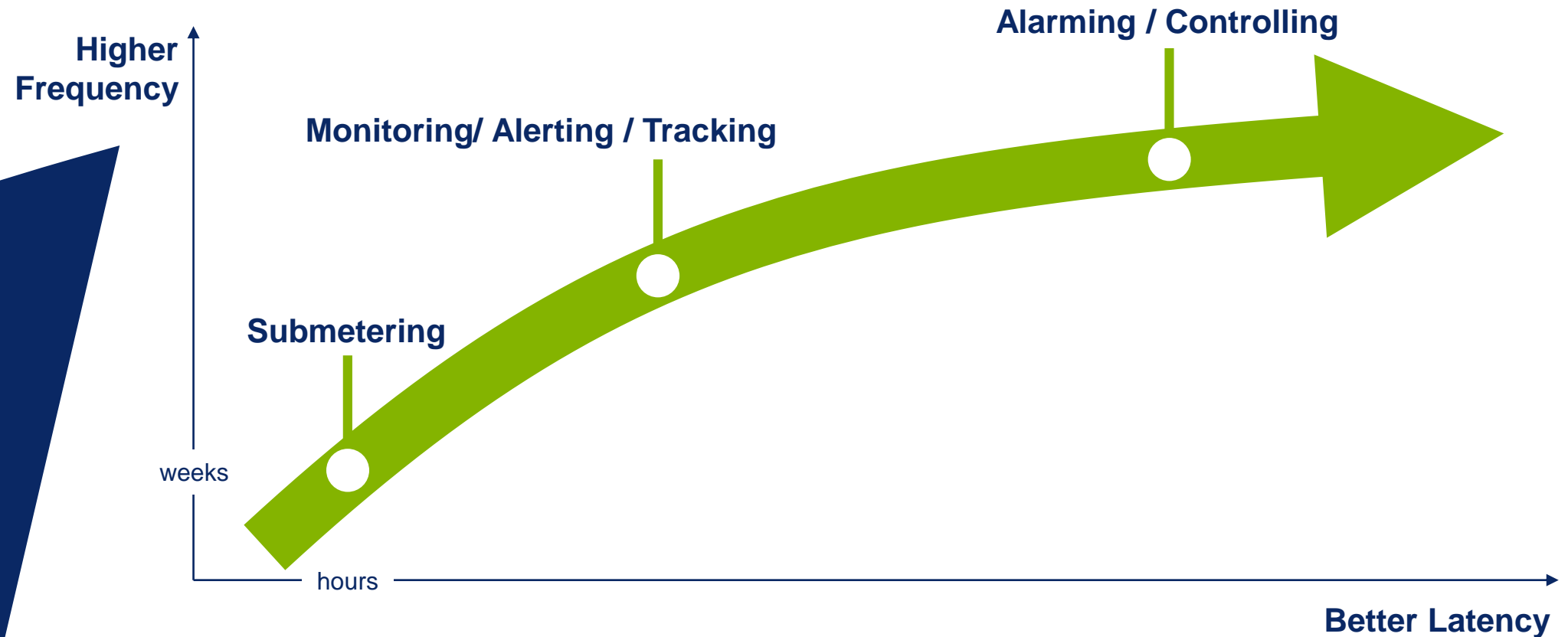
Services



This was enabled by an holistic approach, transforming submetering into an IoT business



Now is the time to take a next step towards real-time connectivity to satisfy customer's smart building expectations



Let's turn today's things on the internet approaches into a true Internet of Things

- ? How to **identify additional use-case**?
- ? How can we **create more value** for data owners?
- ? How would we **ensure data integrity and authenticity**?
- ? How do we protect **private data**?