

# NARROWBAND IOT

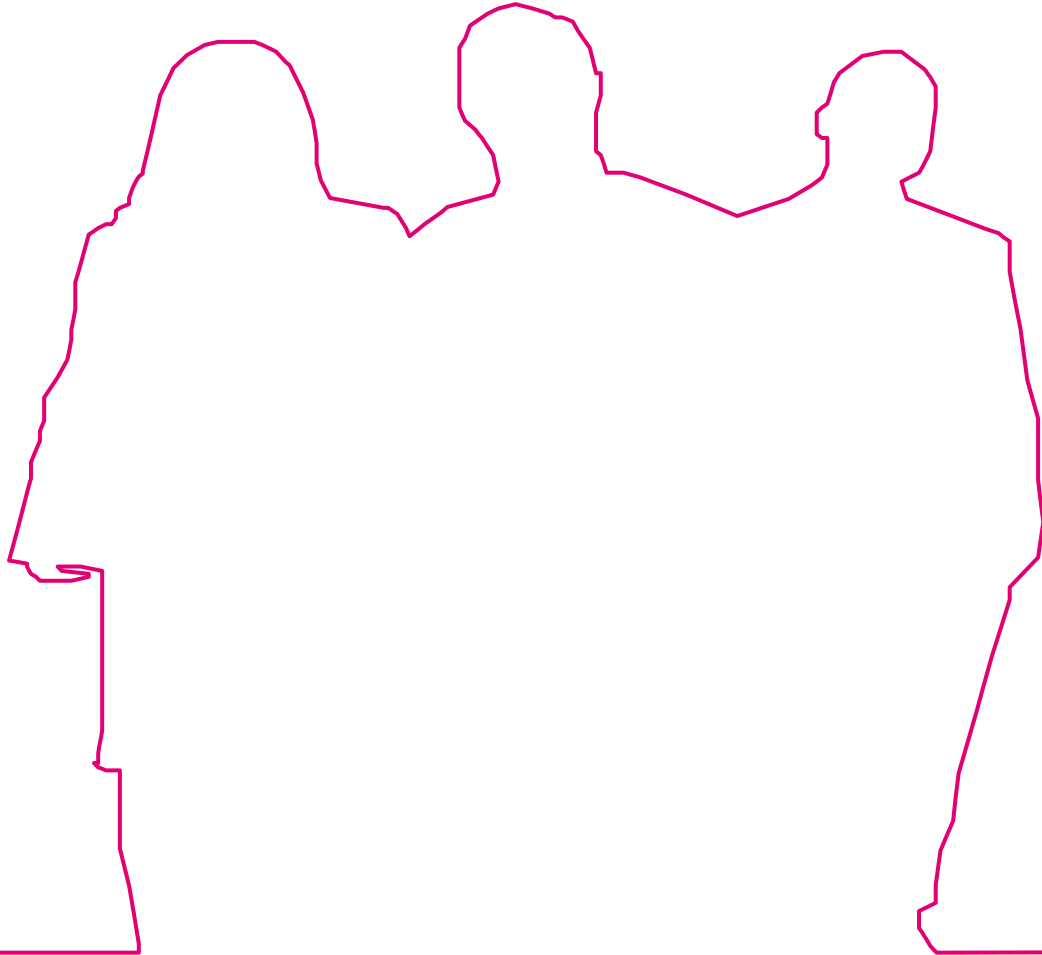
## THE GAME CHANGER FOR THE INTERNET OF THINGS

Dr. Alexander Lautz, SVP M2M

01.03.2017



# CUSTOMER VOICES



---

” Our millions of devices require **LONG BATTERY LIFETIME** to avoid costly replacements.

---

” Poor **CONNECTIVITY WITHIN BUILDINGS** prevents us from realizing new use cases.

---

” We currently need to manage numerous local networks, but would prefer **DIRECT MOBILE CONNECTIVITY** instead of gateways.

---

” In my business every cent counts, therefore I need to minimize the **TOTAL COSTS FOR BEING CONNECTED.**

---





# CURRENTLY WORKING ON VARIOUS NB-IOT USE CASES



Smart Parking



Smart Street Lighting



Smart Waste Management



Smart Water Management



Construction Equipment Monitoring



Smart Metering



Smart Agriculture



Infrastructure Monitoring



Access Control



Industrial Condition Monitoring



Asset Tracking



Environmental Monitoring



Smart Property



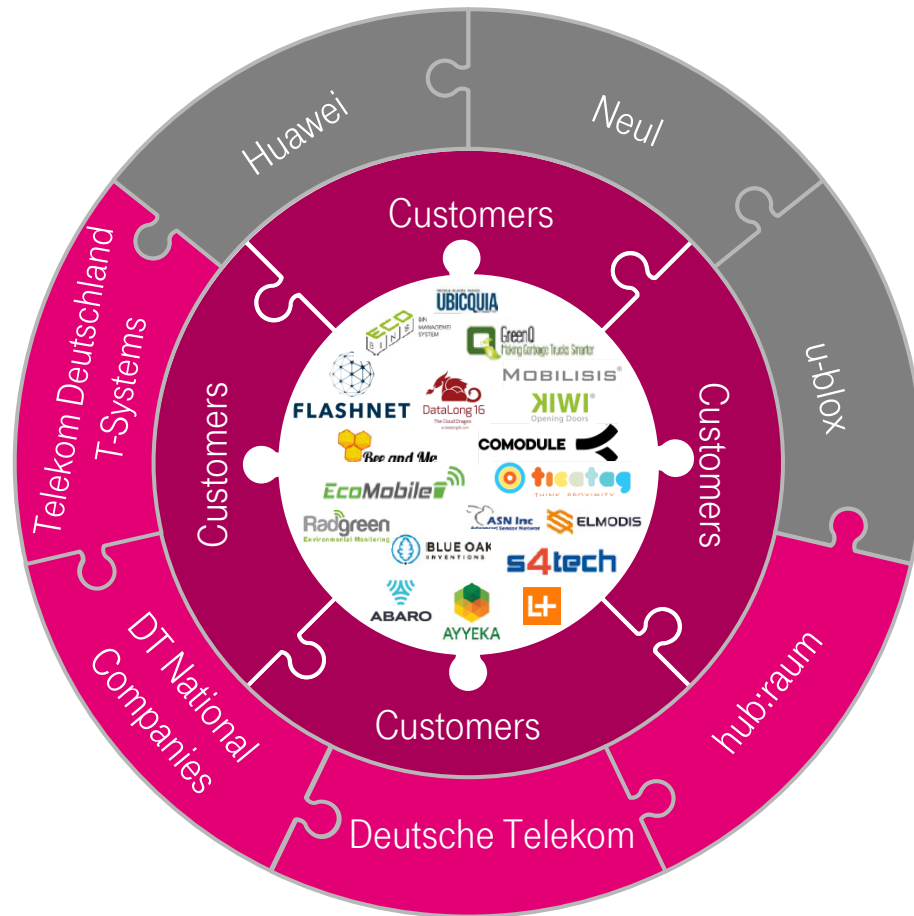
Connected Appliances



Person & Pet Tracking



ERLEBEN, WAS VERBINDET.

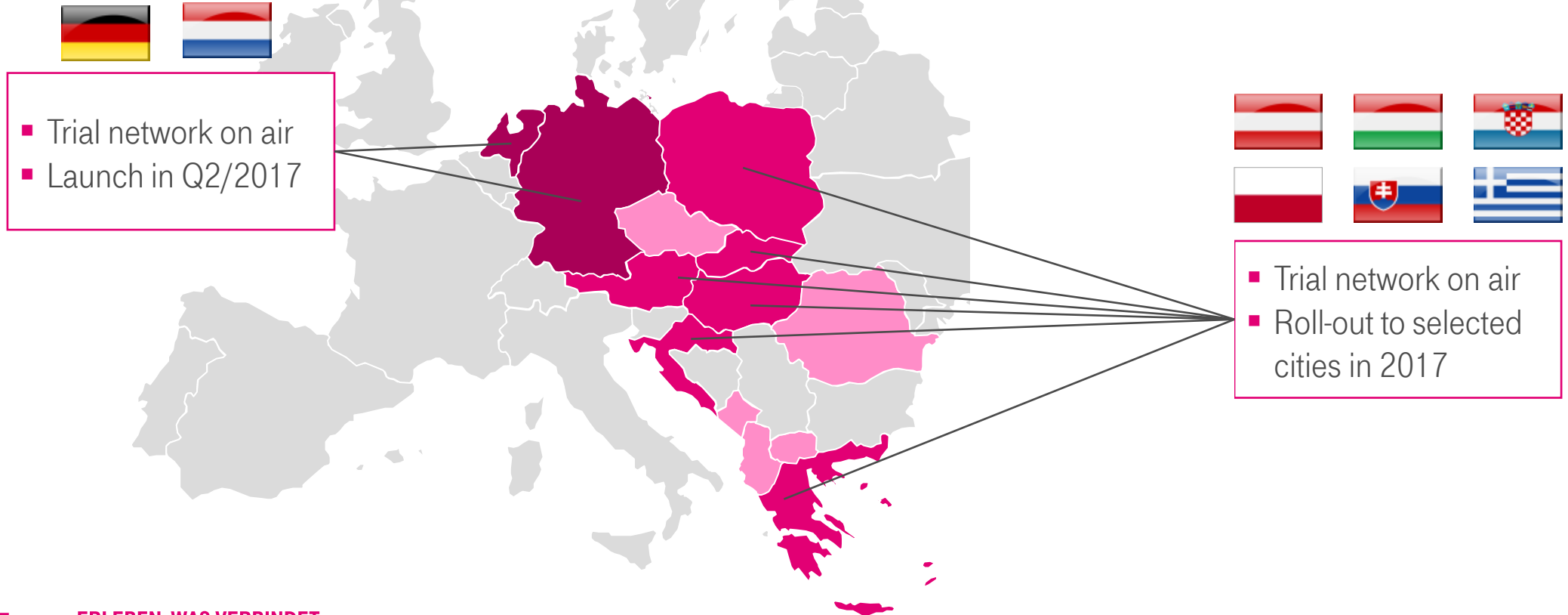


## Industry ecosystem for startups, B2B partners and customers

- 20 Program Solution Partners from all over Europe
- Developing first NB-IoT solution prototypes
- Prototyping Labs with NB-IoT test networks in Berlin, Krakow and Bonn
- Diverse use cases across several verticals

**Accelerating the market penetration of NB-IoT, bridging markets, customers and makers**

# DEUTSCHE TELEKOM NB-IOT ROLL-OUT PLANS (MWC 2017)



ERLEBEN, WAS VERBINDET.