



Your Talent Is Our Future

Grow Together, Succeed Together, Win the Future

Reimund Russ

Network Assurance & O&M Dept., Germany



- Network Assurance and Managed Service
- 35 years experience in Telecommunication Industry
- 20 years working for Huawei Germany in leading positions for Maintenance and Managed Service
- Comprehensive Delivery & Service solution experience in Germany and Europe

Agenda

1. Huawei Company introduction
2. Huawei Business Overview
3. Our commitment for Germany

Huawei: Leading provider of ICT infrastructure and smart devices



Vision and mission

Bring digital to every person, home and organization for a fully connected, intelligent world



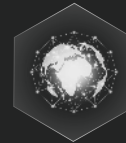
208,000
employees



54%
of employees work in R&D



170+
countries and regions



3 bn+
people served

Focusing On ICT to Provide Products, Solutions, and Services to Three Customer Groups Alongside Ecosystems and Partners

Bringing digital to every person, home and organization for a fully connected, intelligent world



Consumers



Carriers



Enterprises

Ecosystems

Partners

Devices

Smartphones
Wearables
Smart home devices
Telematics
All-scenario lifestyle services

Intelligent Automotive Solution

Intelligent driving
Intelligent sensing
Intelligent vehicle cloud services
Intelligent communication connectivity
Intelligent cockpit

Connectivity

Wireless network
Data communications
Optical network
Cloud core network

Computing

Computing
Data storage

Cloud

Public cloud
Hybrid cloud

Digital Power

Smart PV & ESS
Smart Charging Network
DriveONE
Data Center Facility & Critical Power

Information distribution & interaction

Information transmission

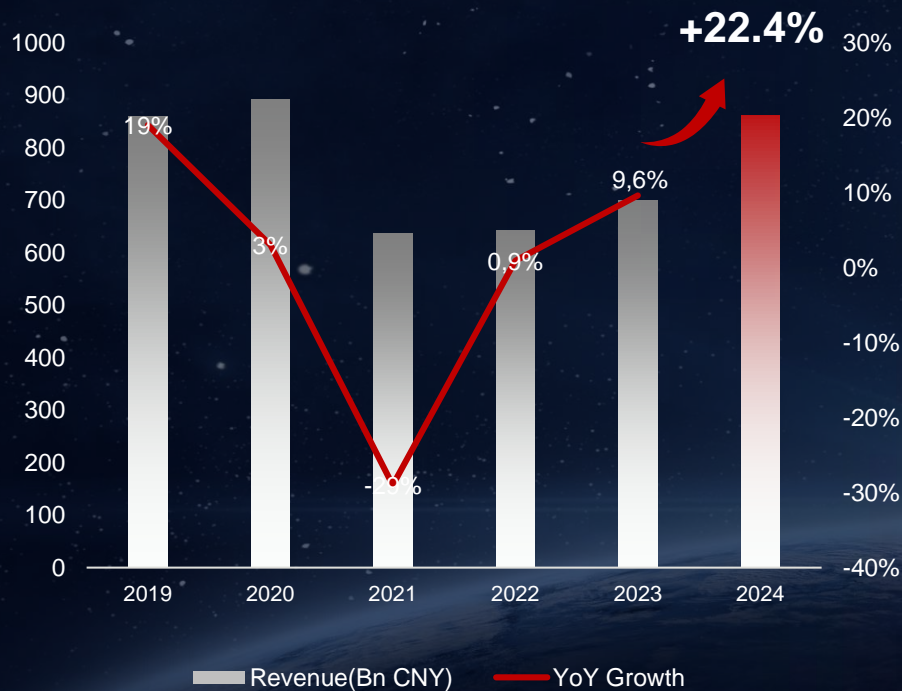
Information processing & storage, learning & inference

Green Energy

+ Intelligence

Huawei Business is Back to Double-digit Growth in 2024

\$118Bn Corporate Revenue @ 2024



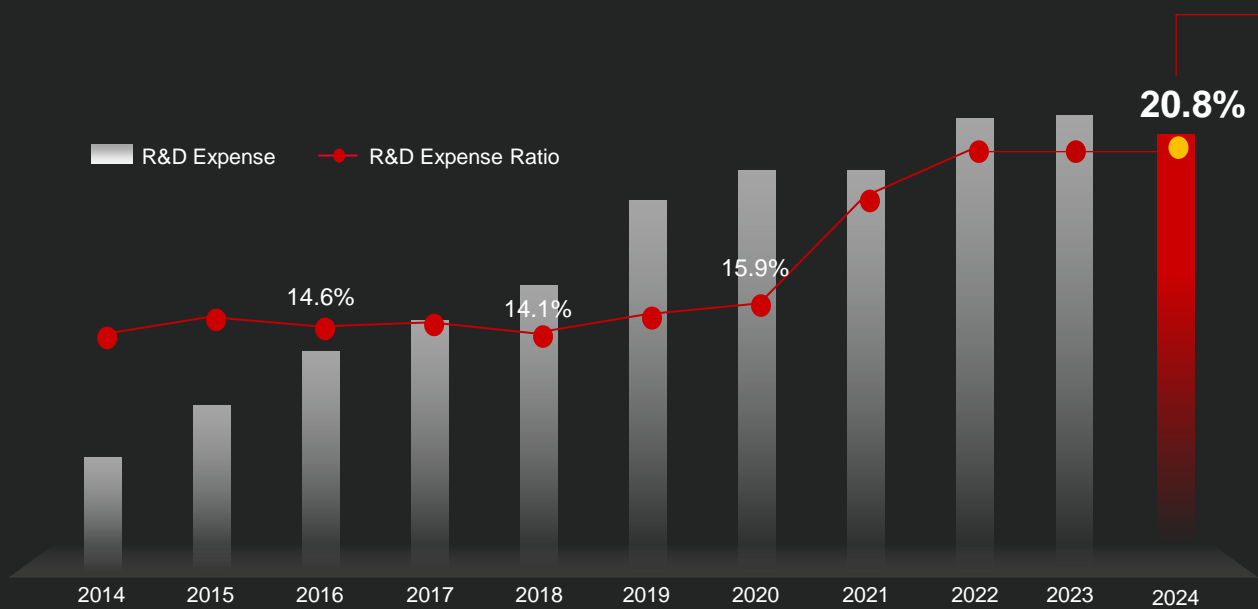
Source: Huawei financial forecast before audit
USD/CNY Assumption: 7.2957



Business Development Supported by Sustainable R&D Investment

\$24.6Bn R&D Expenses in **20.8%** as % Revenue in 2024

\$180+ Bn total R&D Expenses over the Past Decade



Note: At the end of 2024 of US\$1.00 = CNY7.2957

Global Top 5

total sum of 2019 ~ 2023

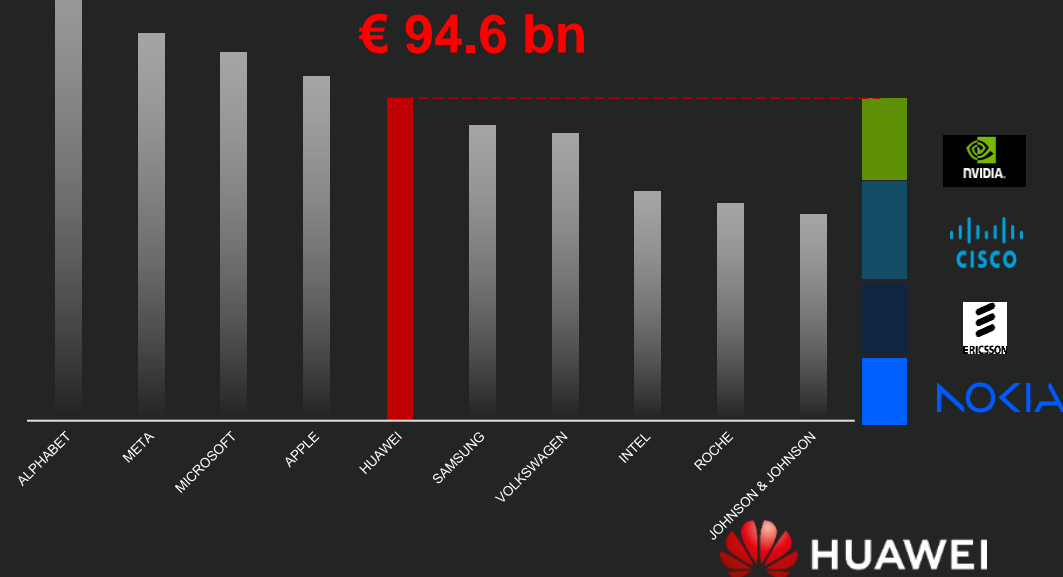
No.1 (15%)

5G Standard Essential Patents

The total R&D investment of the other **4** ICT vendors approximately

equal to **Huawei's** R&D investment

*Source: The EU industrial R&D investment scoreboard



Rooted in Germany, Huawei in Germany since 2001 for 24 years

Business operation and contribution



1.5Bn+
Revenue



2000+
Employees



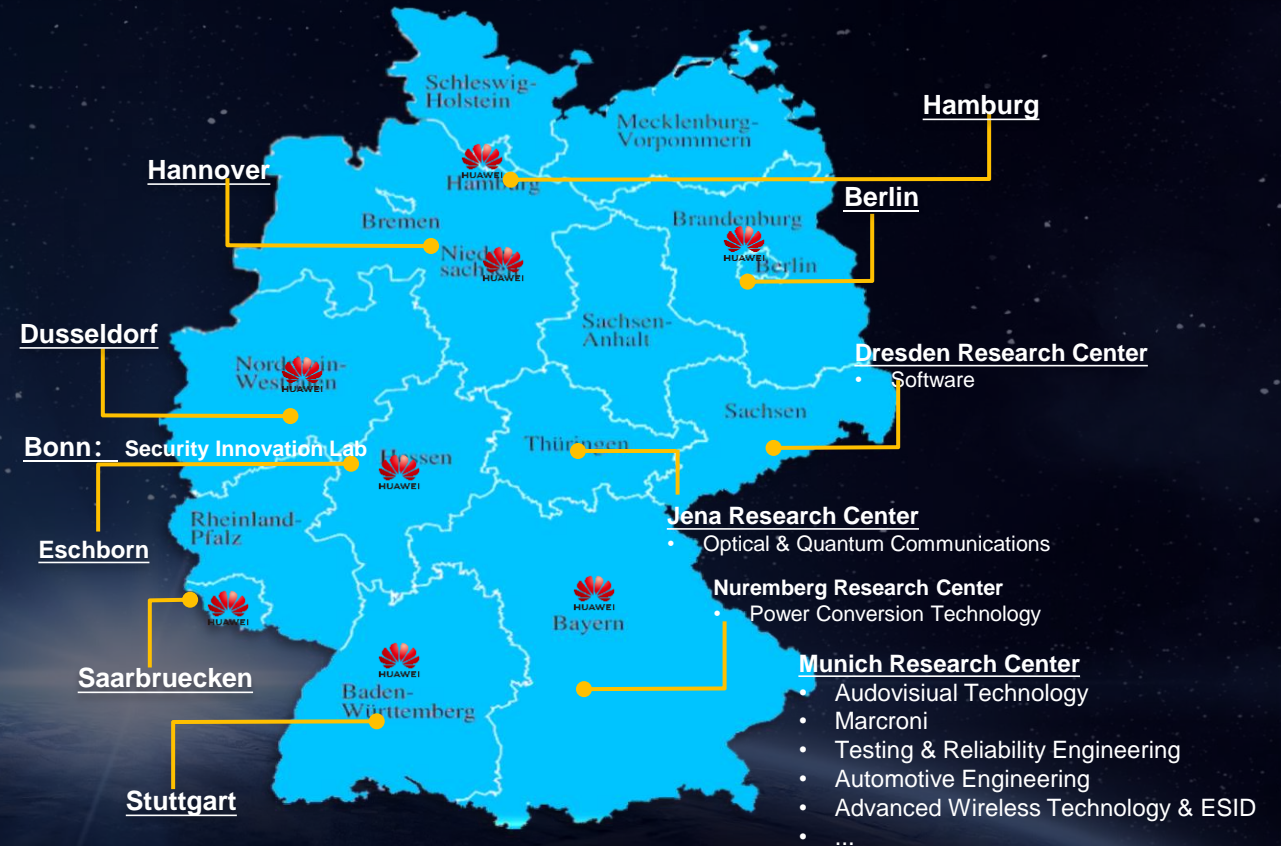
16Bn+
Accumulated procurement



1Bn+
Tax contribution in past 3 years

*Revenue: 2024 revenue will be published soon
Employees: Including regional and R&D office*

14 Cities with **25** Offices



Dusseldorf



Bonn



Munich



Berlin  **HUAWEI**

Digital Power: For a Better, Greener Future

By December, 2024, Huawei Digital Power has helped German customers

Generate green power

~95 billion kWh

Reduce carbon emissions

~44 million tons

equivalent to planting

~60 million trees

Utility

Utility Smart PV & ESS Solution

Optimal Investment
Grid Support
Smart O&M, Safe & Reliable

ESS: energy storage system

ESS (Microgrid)

Smart String Grid-Forming ESS

All scenario GFM(grid-forming)
One-Match-All, Full-link Digitalization

Commercial & Industrial

C&I Oasis Solution

System-level active safety
Enhanced Green Power Supply
Enhanced Power Grid Support
Lifecycle Intelligence

Residential

One-Fits-All Solution

Shine on Active Safety
Shine on Full Journey Experience
Shine on Energy-using Prospect

Actively Contributes to Digital Talent Development in Germany

Digital Seeds

- Originally launched in 2013 by Huawei Germany, the **Digital Seeds** program focuses on **Digital Entrepreneurship & Innovation**
- Ideation Competition for young German students
- Direct engagement with Chinese & German think tanks, universities, startups, and tech companies, **Technologies Explored: AI, 5G, Cloud**
- Goal: Encourage students to shape **Germany's digital future**



500+ Students



ICT Academy

- Partnership between Huawei and **Global Academies**
- Empowers students and communities with **valuable talent**
- Delivers **ICT Technologies training** and encourages students to obtain Huawei certifications
- Develops **practical skills** for the ICT Industry



8 Certified ICT Academy
900+ Students



Your Talent Is Our Future

Welcome to Join Huawei

Explore a Bigger and Bolder Future Together!





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IT-meets-TIN 2025

Alessandro Parmigiani

ICT Consulting & System Integration Dept, Germany

Alessandro Parmigiani

Electrical and Electronic Engineering
Telecommunications Engineering
(Communication Systems and Networks)

German-Italian, moved to
Germany for university

Technology
Arts Sciences
TH Köln

Internships: IT, Software
Development, IoT Embedded
Engineering

Thesis related to cellular RAN
network and IoT



Huawei Graduate since 2021

2021

RAN Network Engineer

2023

RAN Technical Lead

2025

TD and Site Design Lead



Career Path



WIRELESS NETWORK ENGINEER

Type Acceptance in Lab
Field Test for Railway Private Network



WIRELESS TECH LEAD

Full focus on
TL in various projects: Solar, AC Free, IPv6, Slicing

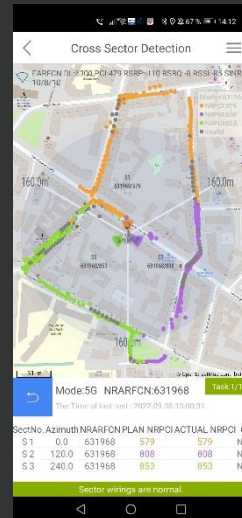
• 2021



FRESH GRADUATE

Type Acceptance in Lab

• 2022



• 2023



WIRELESS TECH LEAD

MBB TL in various projects
Field Test for Railway Private Network



• 2024

• 2025



TECH LEAD

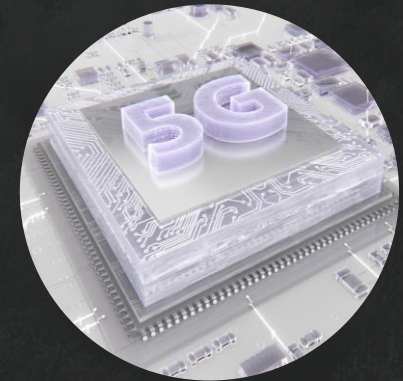
First TD role in DB
Account
First TL role in rollout
project

5G



- The reason why I had actually joined
- Background: courses regarding 5G and IoT at university

- During master thesis and post-uni I decided to choose companies involved in carrier business
- The big highlight about this job: test and enable latest features which are still not available to users
- You decide the path to take: technical <-> organizational



Wireless Engineer



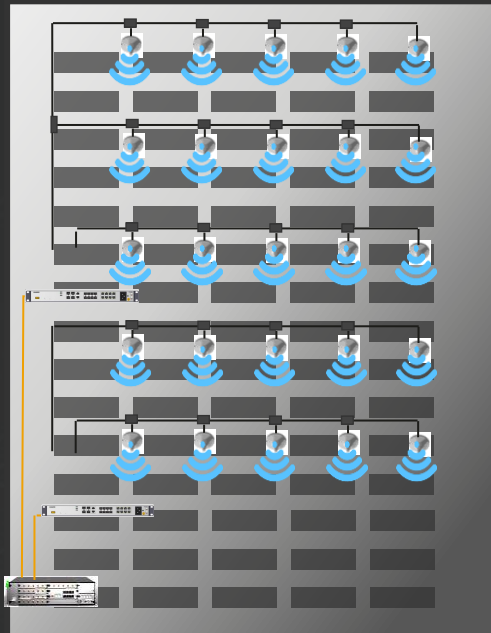
- Support customer in realizing the concept to introduce in their RAN network
- Customer could not only be a big telecommunication provider but also an enterprise (malls, factories, production lines, car industry)

- Interface between R&D and customer
- Deployment and configuration in the lab/field with our engineering tools
- Test to make sure that new implementation/hardware brings expected benefits



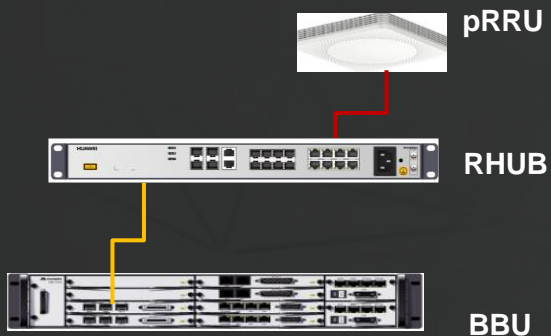
Training in China

Wireless Indoor Solution - Technical Training



Technical Training about indoor solutions and network convergence

Networking with overseas colleagues with deep experience and different approaches



Breakthrough Path

Growth Path @ Huawei



Thank you.



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