

# FIT FOR THE DIGITALISATION

**WE NETWORK ALL**

Ina Schieferdecker, Berlin, May 12, 2017

## WE MEAN BY „DIGITALE VERNETZUNG“ ...

... the universal and continuous connection between the physical world with the digital world.

This comprises the digitization, illustration and modeling of the real world as well as the technological connection of this information.

It enables prompt and partially automated observation, evaluation and control of the physical world.



## FIGURES 2016 (SELECTION)

- Appr. 450 employees
- Established in 1988
- 34 European projects
- Appr. 100 industry partners
- Appr. 200 industry projects

We actively shape the networked world and make it secure, reliable, scalable as well as trustworthy!



# „DIGITALE VERNETZUNG“ IN ...

Digital Public  
Services

Public Safety

Future Applications  
and Media

Smart Mobility

Software-based  
Networks

Visual Computing and  
Analytics

System Quality  
Engineering

# FOKUS



& me ...

*Looking back and forward after 25 years*



# My development ...

H<sub>2</sub>O  
**Abitur**  
1985

HU  
**Diplom**  
1990

TU  
**Promotion**  
1994  
*...Family...*

GMD/Fraunhofer  
**Business Units**  
1996

*...SpinOff...*

TU/FU/TU  
**Professorships**  
2003 ff

*...GTB, ASQF...*

*...acatech...*

Fraunhofer FOKUS  
**Director**  
2015 ff

*...WBGU...*

# What counts ...

- Eyes on interrelation of science, technology, society and politics
- Time for reviews and reconsiderations
- Challenging doctrines



# What bothers me ...

Quality, safety and security of software-based distributed systems and infrastructures in

- (mobile) communication
- connected cars
- virtual power plants
- ...



# What I can recommend

- Follow your beliefs
  - Trust your strengths
  - Learn from others
  - Speak openly about issues
  - Complete things
- Balance**  
**your private, professional**  
**and social life**



