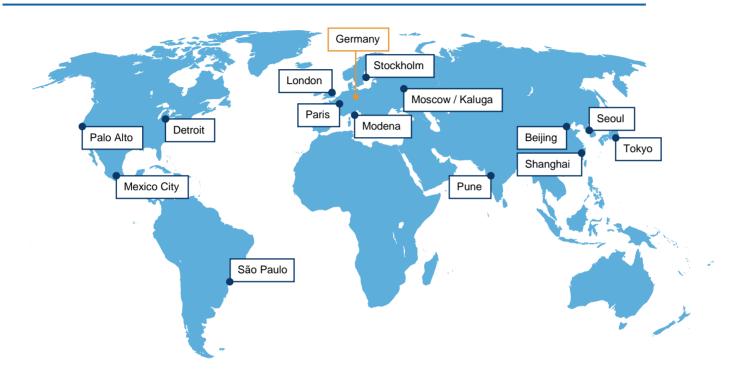


# Maps for autonomous driving?

7th GeolT Wherecamp Conference 2017 André Heinrich, IAV GmbH Ingenieurgesellschaft Auto und Verkehr



### IAV - Your Strong Engineering Partner





More than 30 sites worldwide



More than 30 years of experience



More than 6,800 members of staff



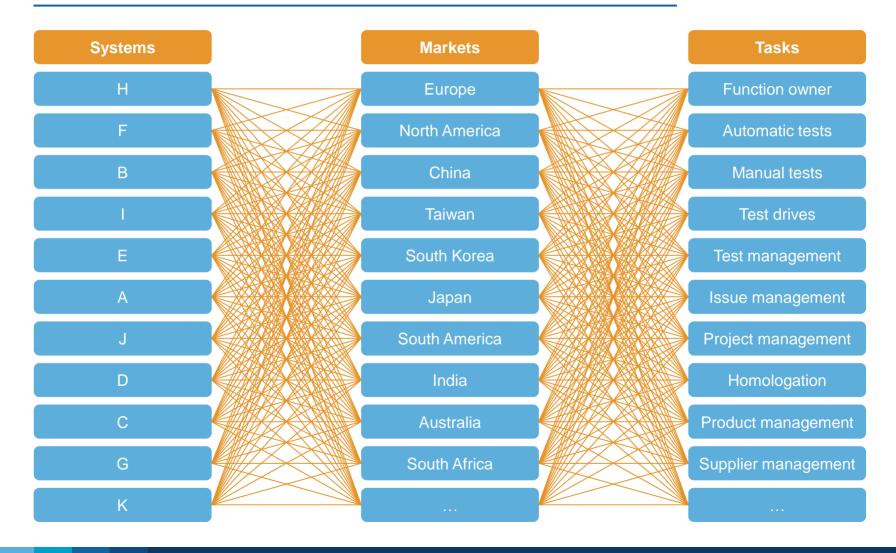
More than 68 % engineers



More than 750 annual turnover (€ m)



### Develop databases for navigation systems





## Auto adaptive maps - The concept





#### Auto adaptive maps - The research project

#### SAFARI

- Automated and connected driving in Berlin
  - Update HD map continuously
  - Stereo or 360° cameras or smartphones for environment detection
  - 5G technology for communication
- Funded by Bundesministerium f
  ür Verkehr und digitale Infrastruktur (BMVI)





#### Maps for autonomous driving?

#### **Current questions**

- Are maps needed for autonomous driving or are sensors suficient?
- Do we need maps for autonomous driving or geodata in the backround?



# Thank you

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