

# FEDERAL CLUSTER OF EXCELLENCE IN NURSING CARE

Innovation Center and four Practice Centers



Bundesministerium  
für Bildung  
und Forschung



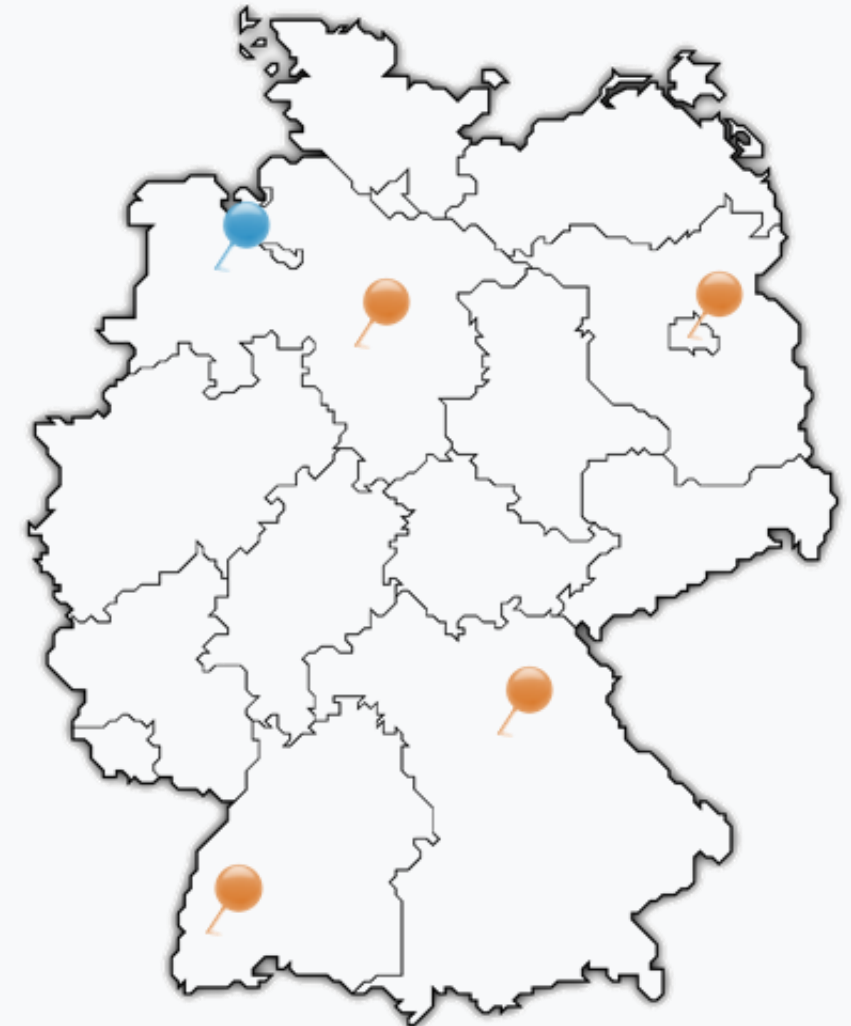
**Strategic flagship initiative** of the German Federal Government

| Nursing care shortage identified as major national challenge

| Funded 2017-2022, 20M€ total across all centers

Foster innovation and digitalization in nursing care, incl. robotics

Facilitate uptake through early field testing in practice centers (PC)



## Innovation Center in Oldenburg



### PC Berlin



### PC Hannover



### PC Freiburg



### PC Nürnberg



<http://pflegeinnovationszentrum.de/>

## Four living labs



## Expected impact

- | Evaluation and Testing
  - | Both in controlled labs and in the field
- | Education, Dissemination and Networking
- | Business models and Qualification Standardization

## Our potential contribution to DIH Healthcare

- | Provide national coverage of Germany through PCs
- | Access to extensive national network of
  - | Suppliers
  - | Practitioners and patients
  - | Public regulating authorities, incl. insurances
- | Existing lab infrastructure, targeted at remote experimentation (TRL 5/6)
  - | Highly instrumented analogue environments
- | Existing field trial locations in operational environments through PCs (TRL 7)
  - | Quick transfer through tight integration with lab infrastructure
- | Certification processes (TRL 8)
- | Standardization activities in IEC and DIN
  - | Past focus on Ambient Assisted Living