European Social Services Conference 2022

Innovative solutions for good care in the future – a German French Workshop

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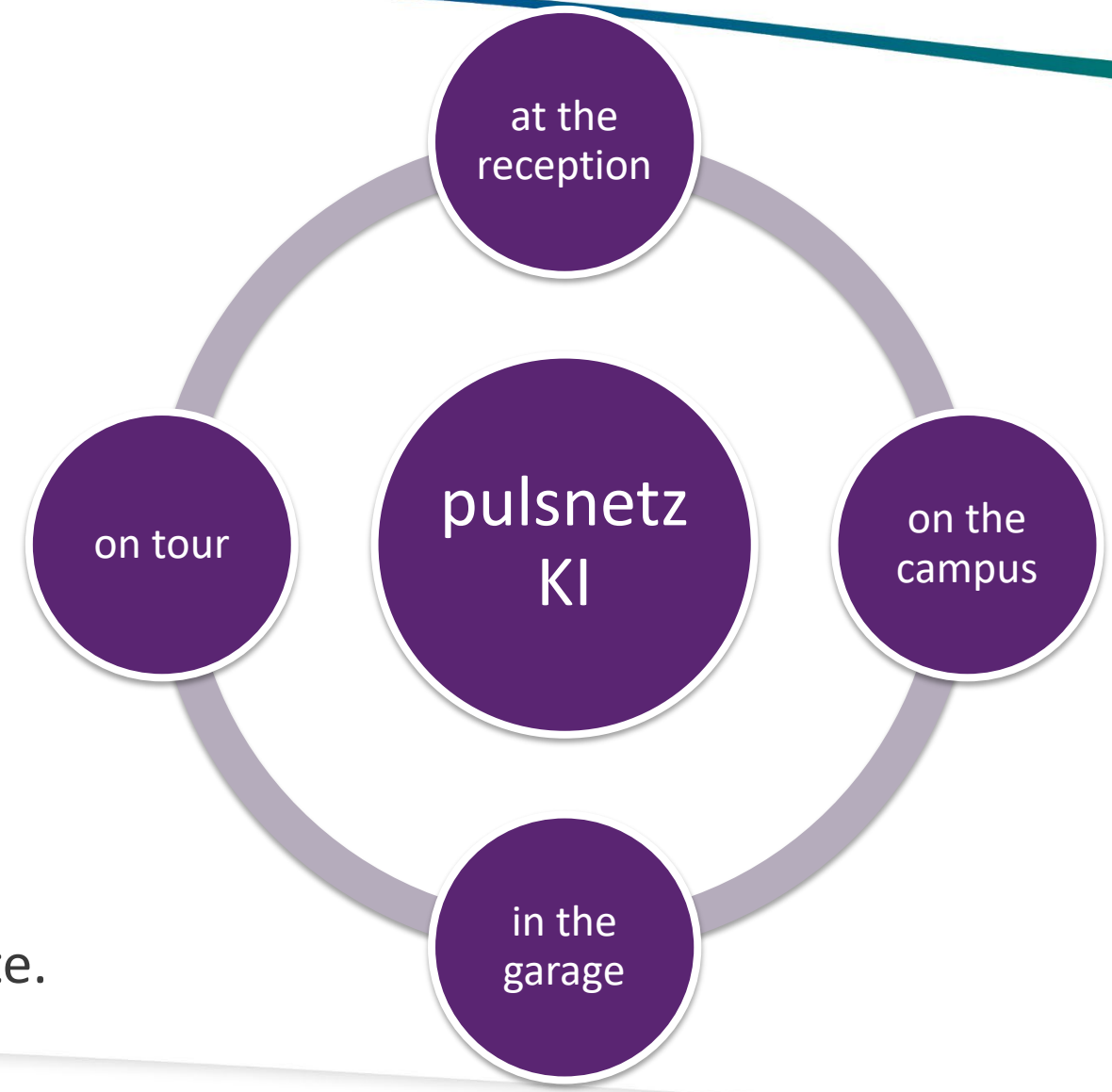
Project overview



Experience
the **Future Centre AI**
with various topics
online as well as on site.

Our goals

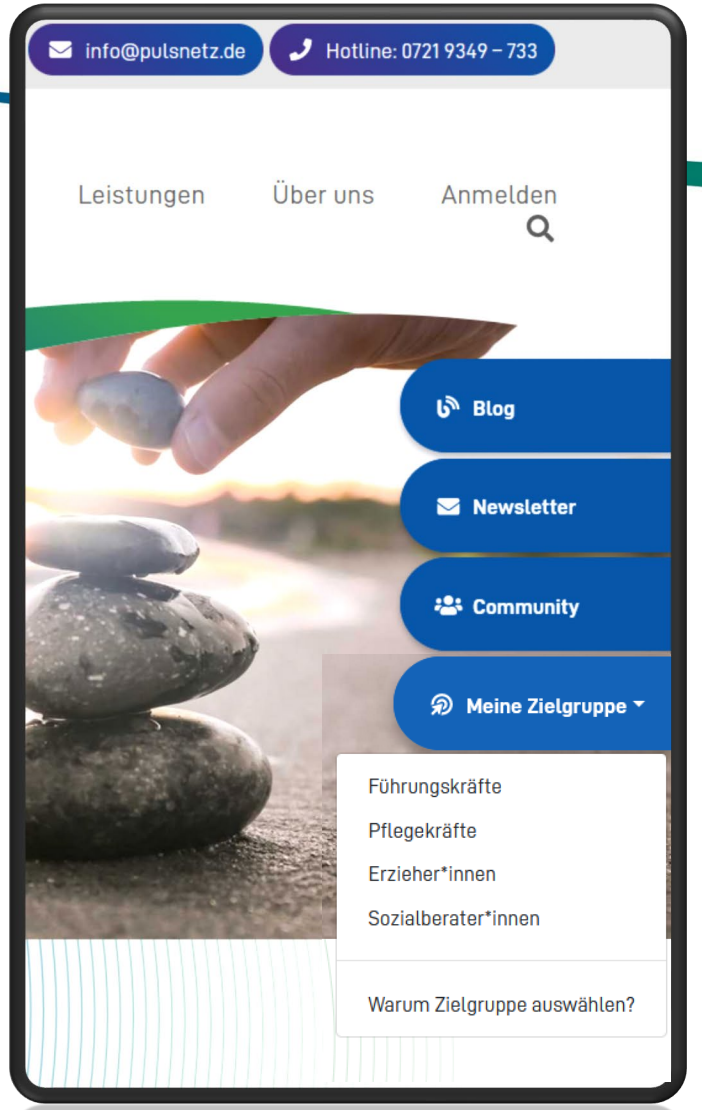
- making knowledge available
- participation of the target groups
- tailored to the target group
- with testing of AI techniques
- focus: healthy working

Relieving the burden on employees in the social economy through digital and AI-supported technology

at the reception

For whom the offers are

- Executives
- Carers
- Educators
- Social counsellor



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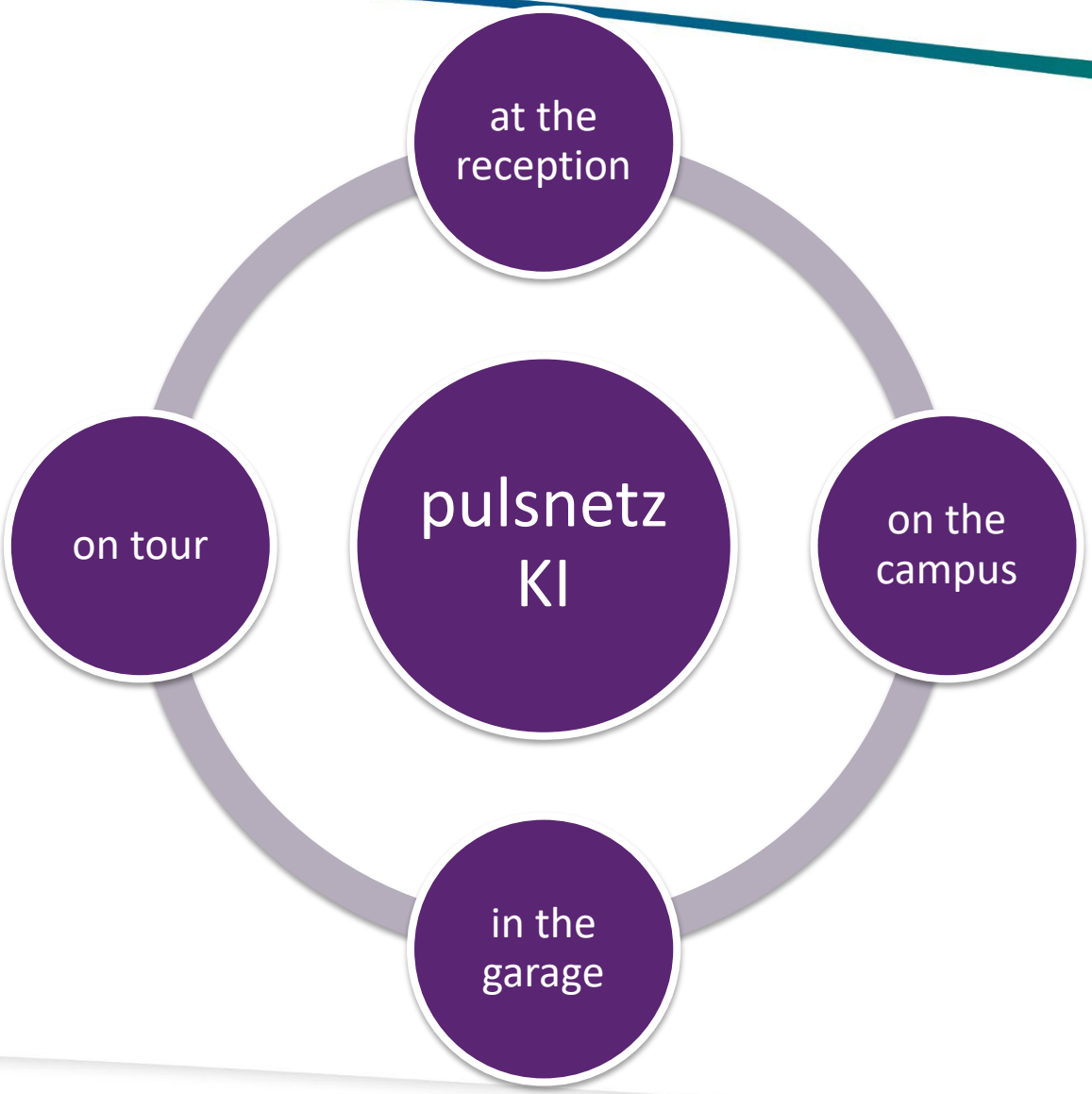
at the reception
on tour
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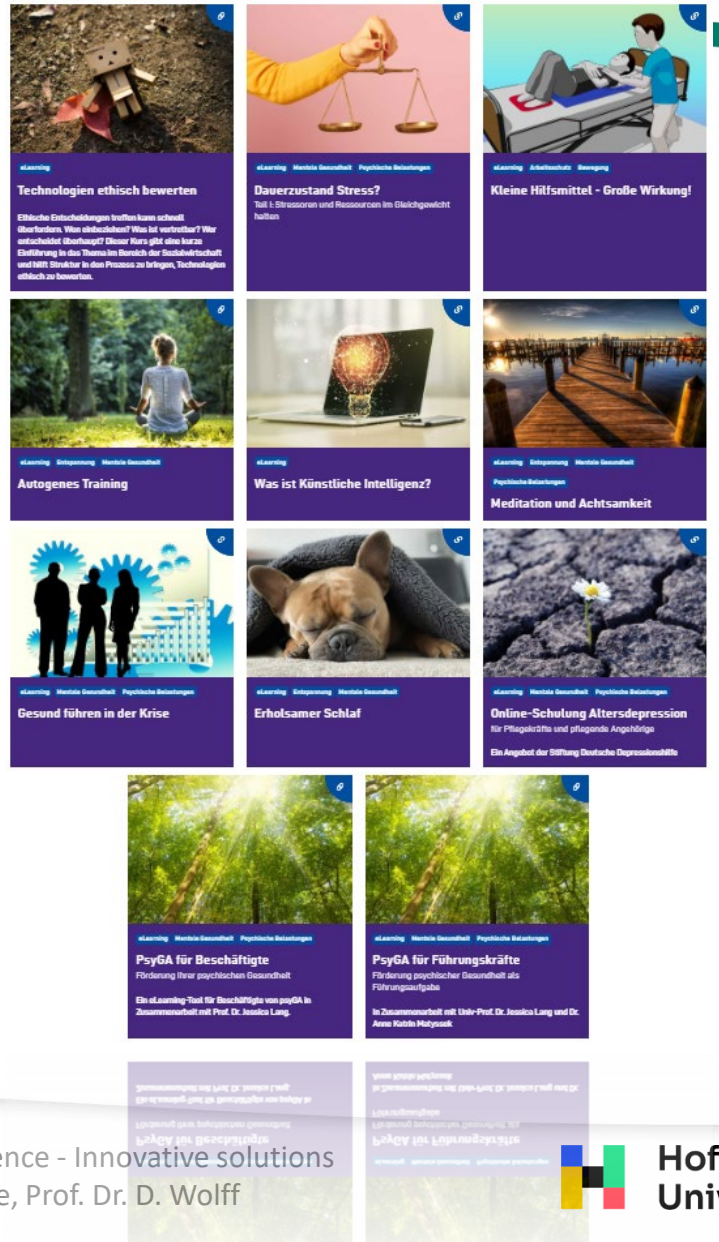
on the campus
in the garage

Learning made easy

- The idea of the „learning nuggets“
  - quickly available
  - to the point
  - interaction with the chatbot
  - also as blended learning



Didactic approach

Prerequisits:

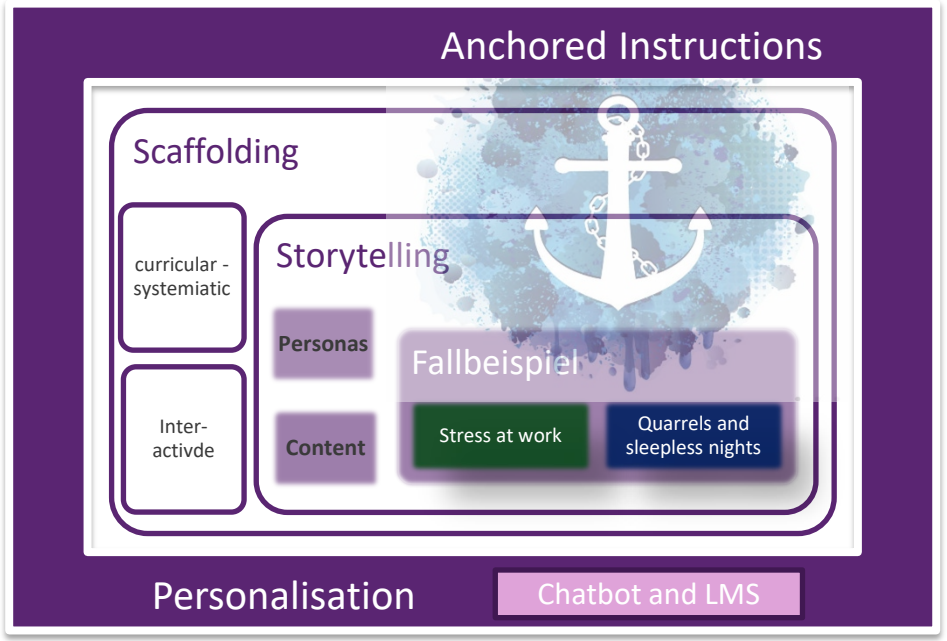
- **target group**
- **professional context**

Our goals:

- increase **motivation**
- stimulate **reflection**
- find **solutions**
- promote **healthy working**

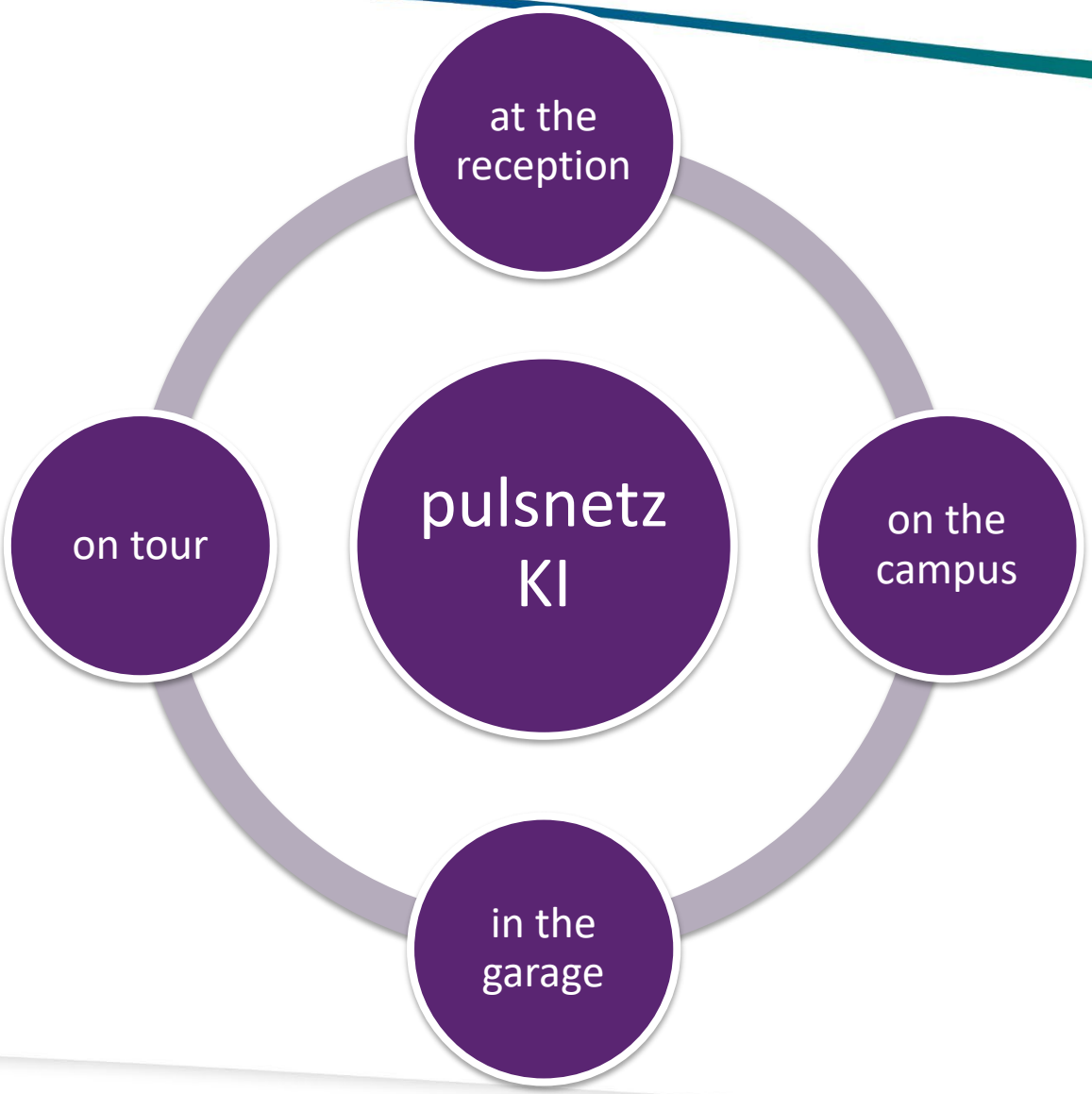
https://www.pulsnetz.de/elearning/campus-startseite

Didactic methods:



8 teaching-learning concepts:

1. **healthy work**
2. **conflicts in the team**
3. **duty roster organisation**
4. **documentation/language programme**
5. **ambient Assisted Living**
6. **leadership in the digital transformation**
7. **quality/skilled Worker Needsf**
8. **„train the consultants“**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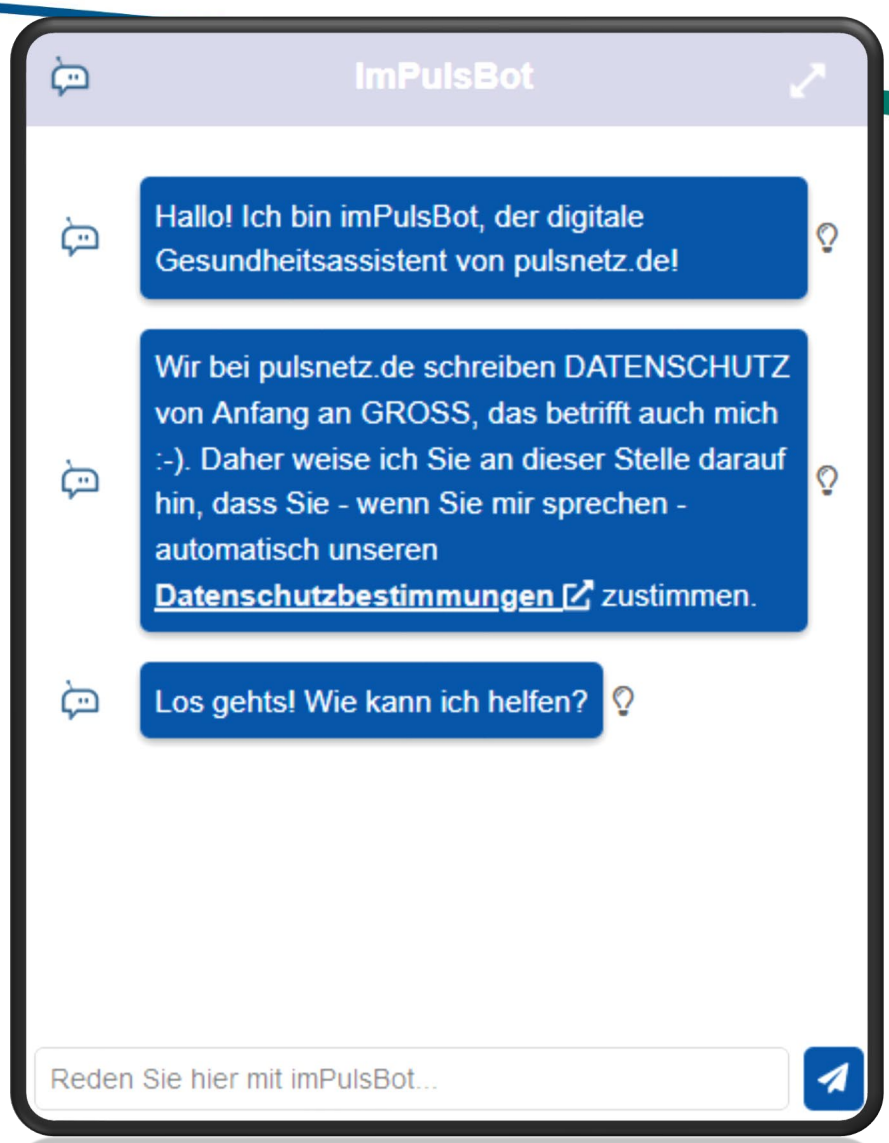
Goals of th AI-garage

- explain methods of artificial intelligence in an understandable way
- show what it is (particularly) suitable for
- showing potential in the social economy
- communicate (ideal) preconditions for artificial intelligence
- highlight ethical, legal and technical risks / hurdles

Wishful thinking:
The addressees can see for themselves where and how artificial intelligence can help them.

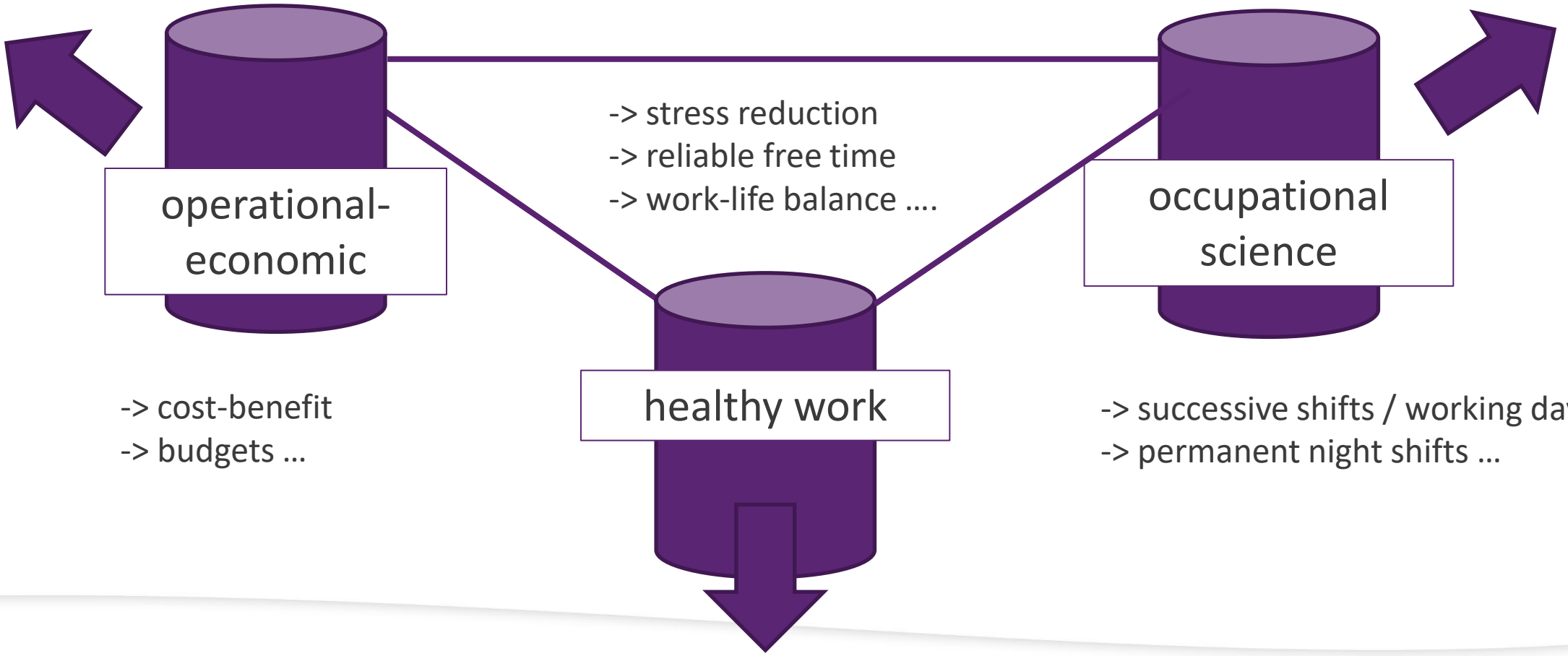
Chatbot „ImPulsBot“

- allways available
- well fed
- gives orientation



in the garage

Working schedule – quality and optimisation



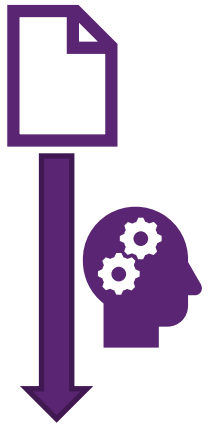
in the garage

Recognition of working schedule quality

How was the quality recognised?

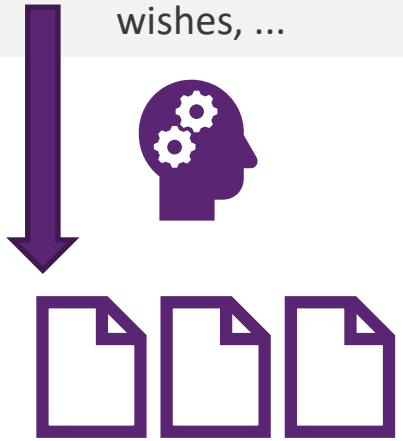
What needs to be done to improve quality?

Automatic support for the creation of good working schedule



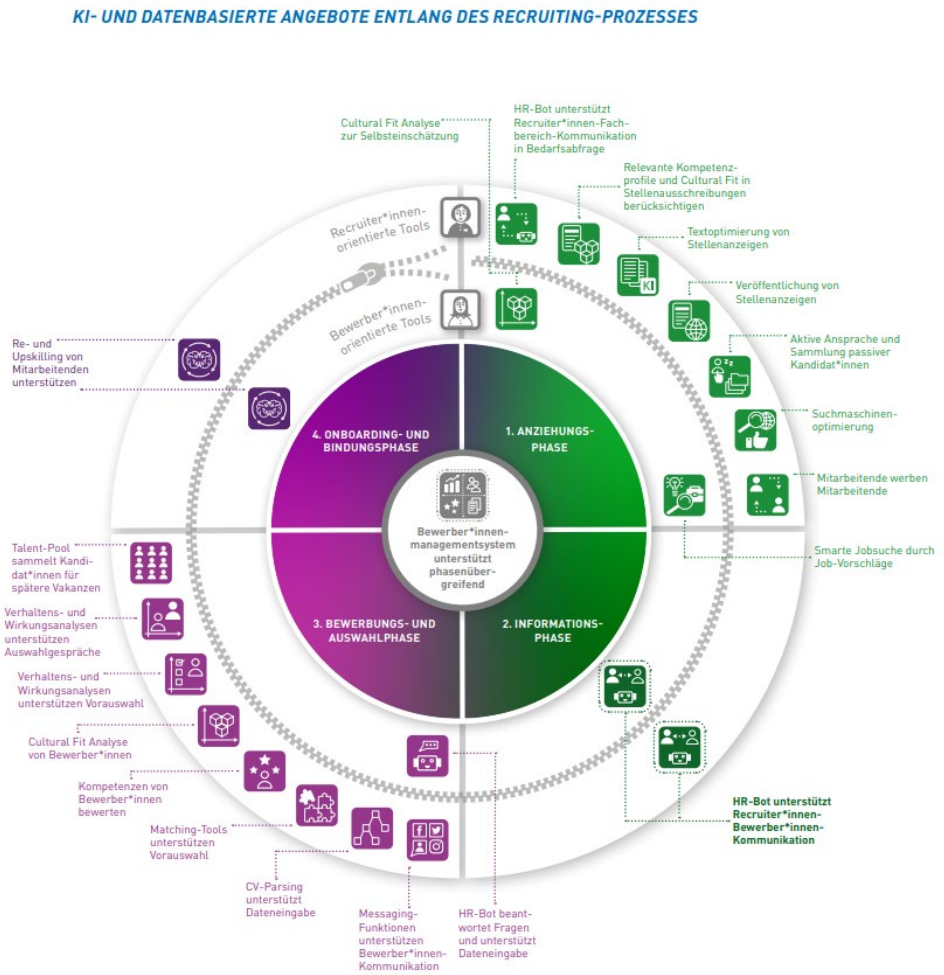
good/bad

number of employees, times, holidays, wishes, ...



AI-supported recruiting solutions

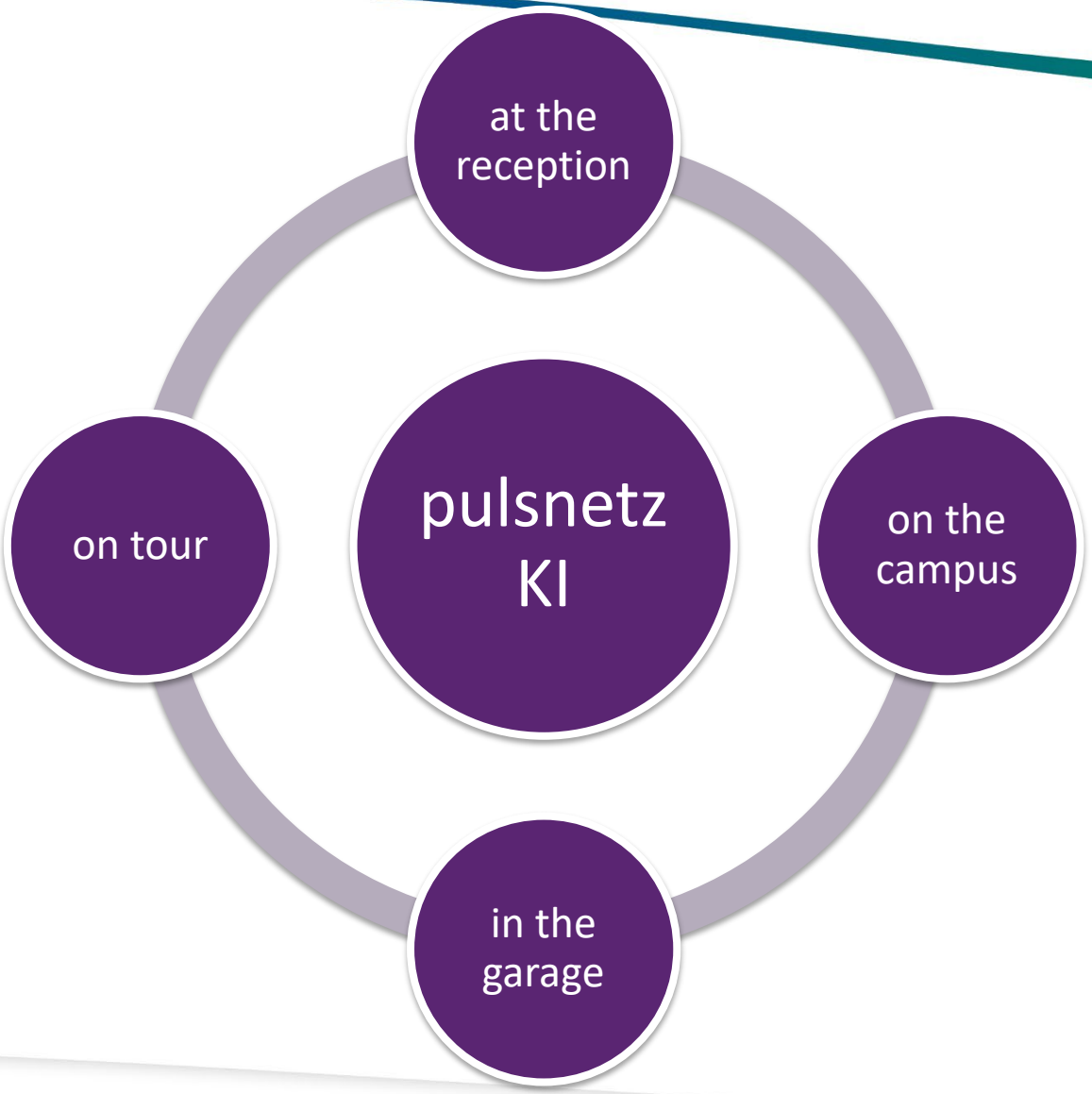
- tools and solutions that making recruiters' jobs easier
- either data-based automations or analyses based on AI-methods
- reach more potential candidates or provide more or better information on candidates



https://www.pulsnetz.de/ki-projekt/ki-garage/recruitingstudie/

A look at ethics

- Ethical design sprint
  - ethics must not be left out of the picture
  - investigation using the example of AI-supported recruiting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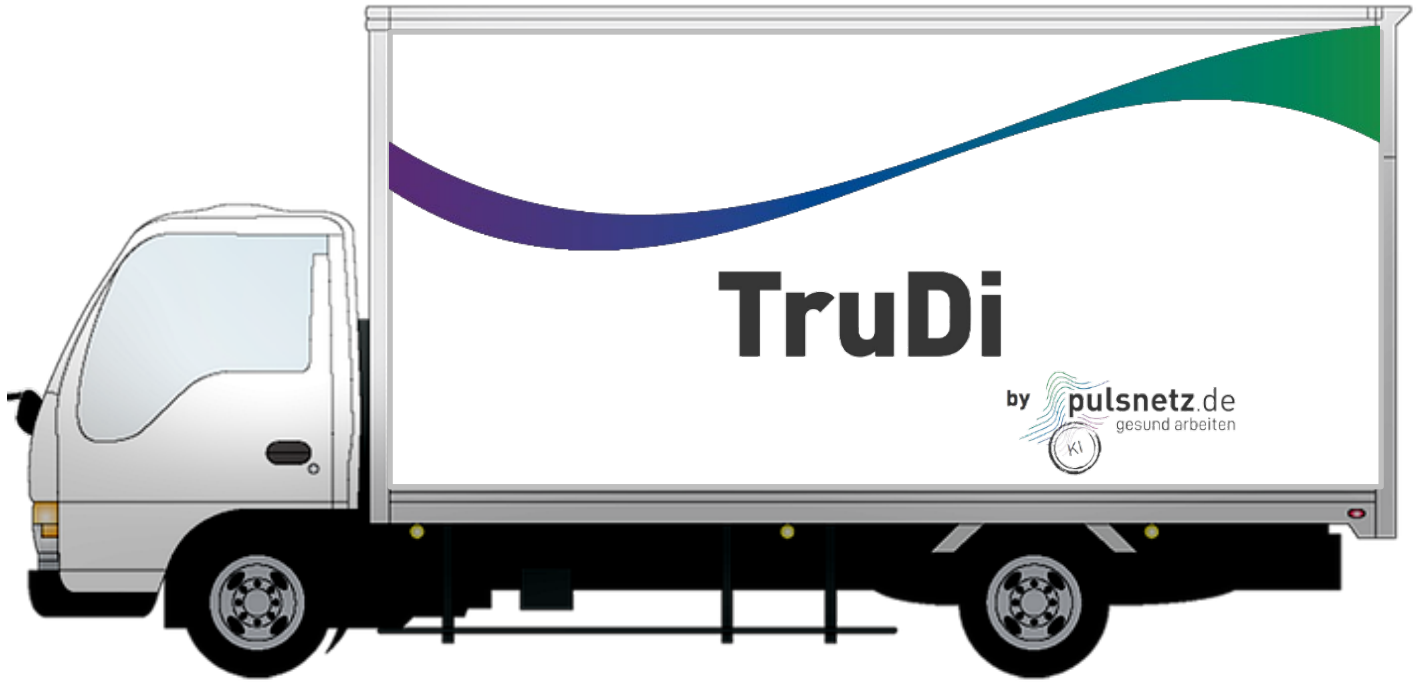
In the facilities on site

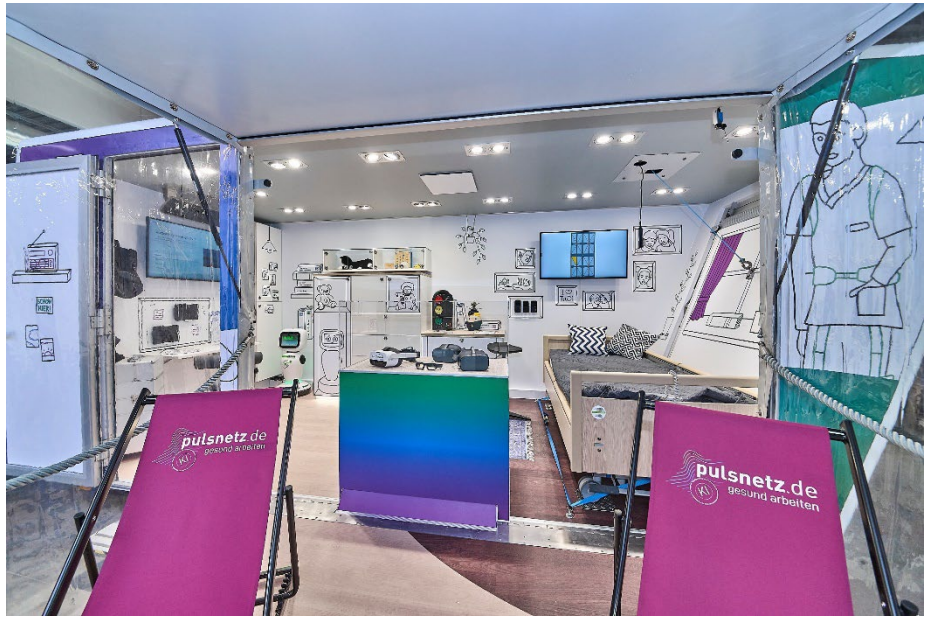
Hands-on technology

Workshops

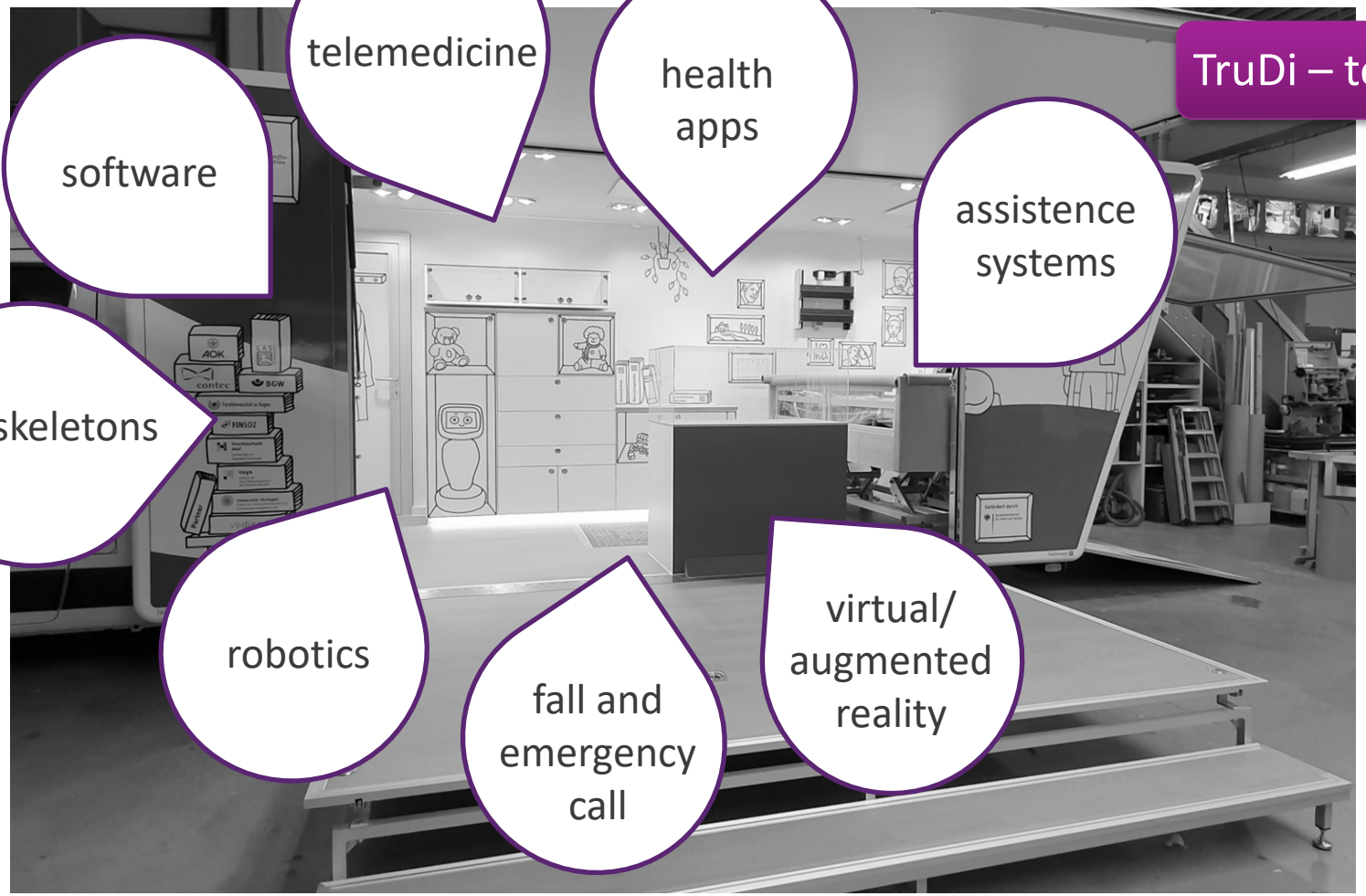


TruDi – exterior view

TruDi – interior view



TruDi – technologies

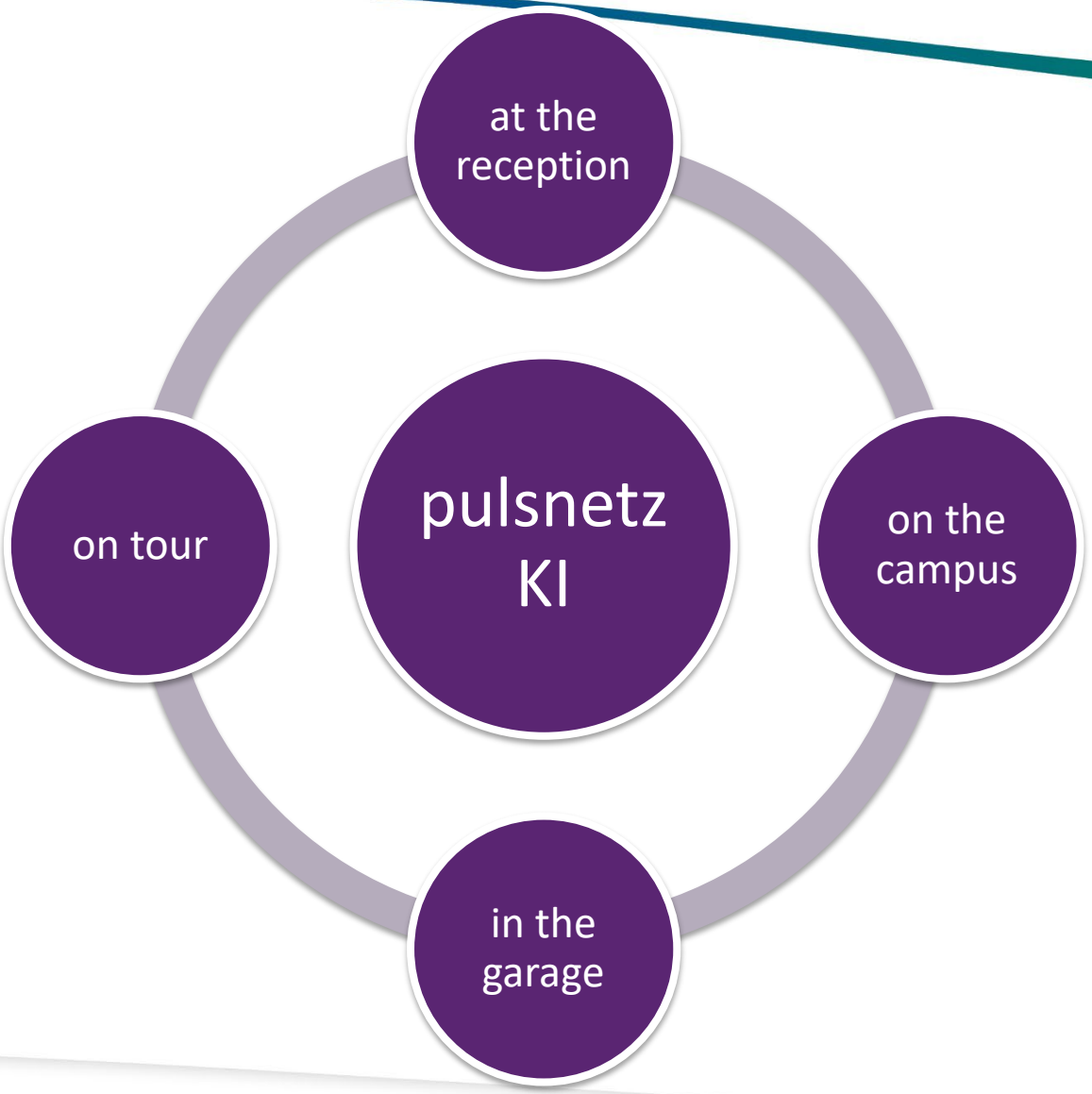


https://www.pulsnetz.de/ki-projekt/truck

In-depth consultations

Up to 5 days of facility counselling possible

- selection and implementation of technologies
- changes due to further technical development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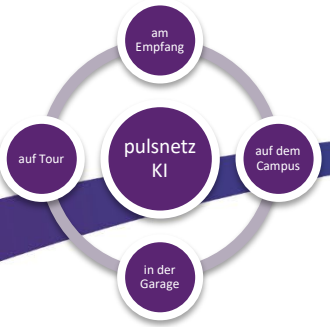

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Contributors to the project

AOK

BGW Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege

CAS SOFTWARE

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Universität Stuttgart
Institut für Arbeitswissenschaft und Technologiemanagement IAT

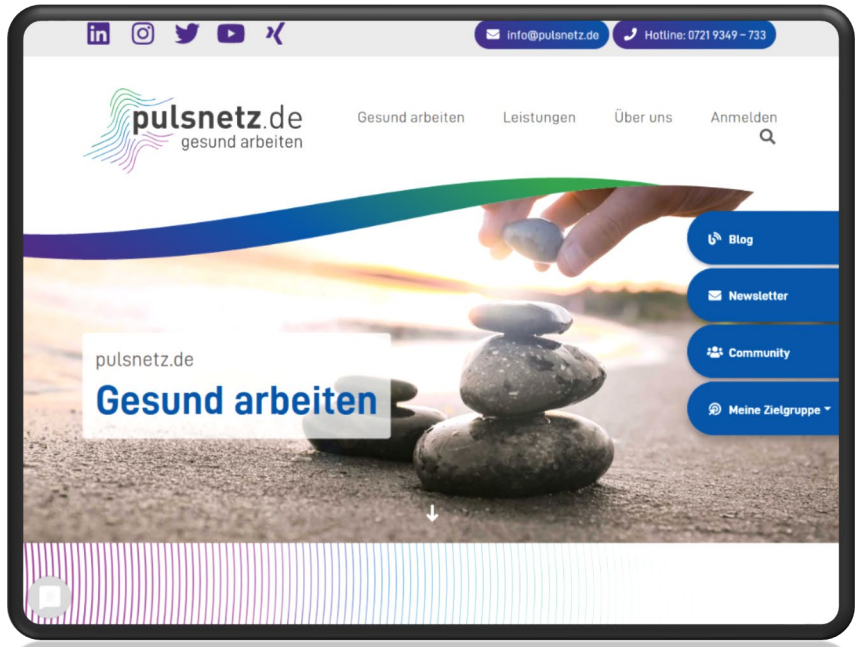
Hochschule Hof
University of Applied Sciences

iisys
Institut für Informationssysteme der Hochschule Hof

vediso

How to find our offers

- About the project: https://www.pulsnetz.de/ki-projekt/



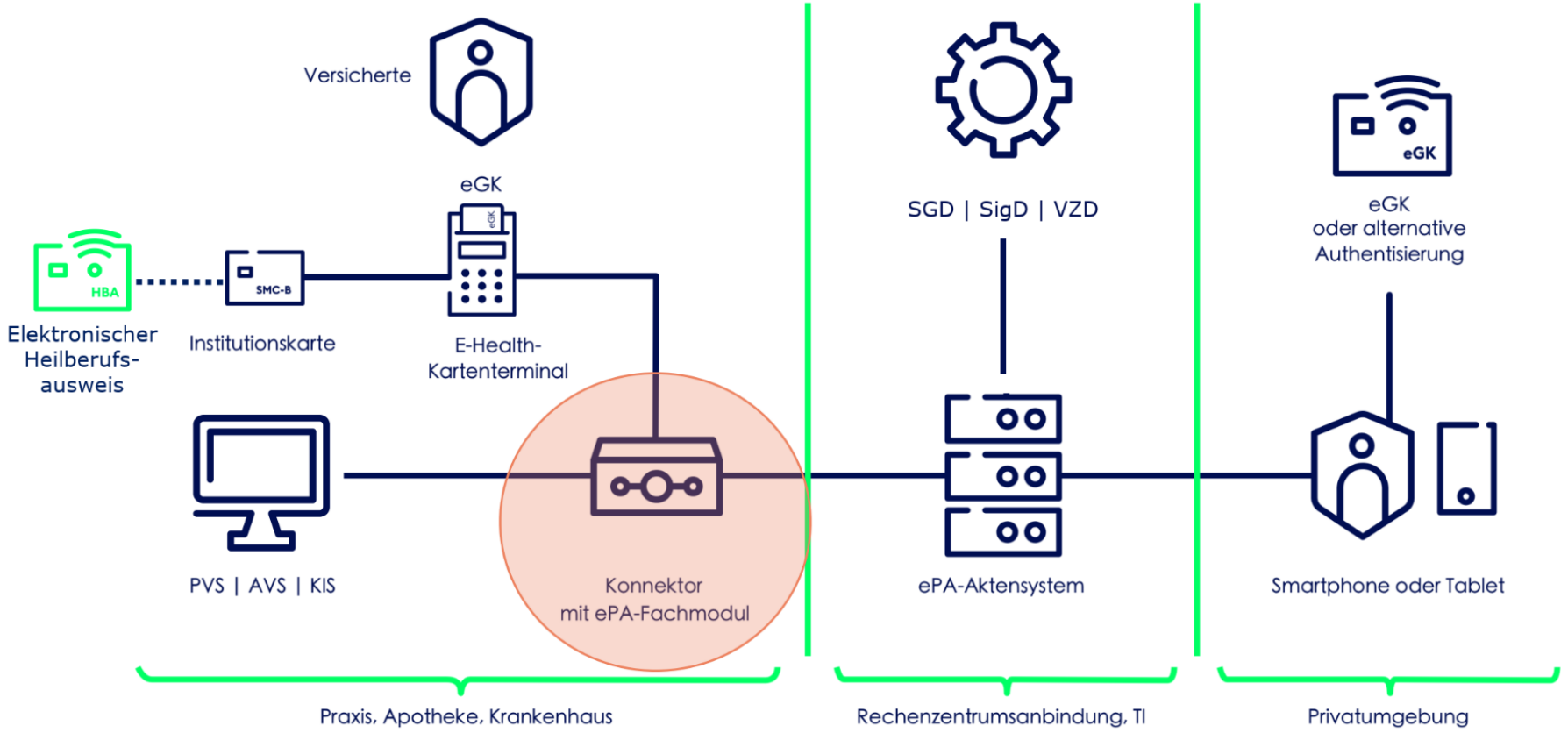
Work on standardisation

FINSOZ e.V.
Digitalverband Sozialwirtschaft

Basic idea of telematics infrastructure

Source: http://www.kvn.de, Stand 15.01.2013

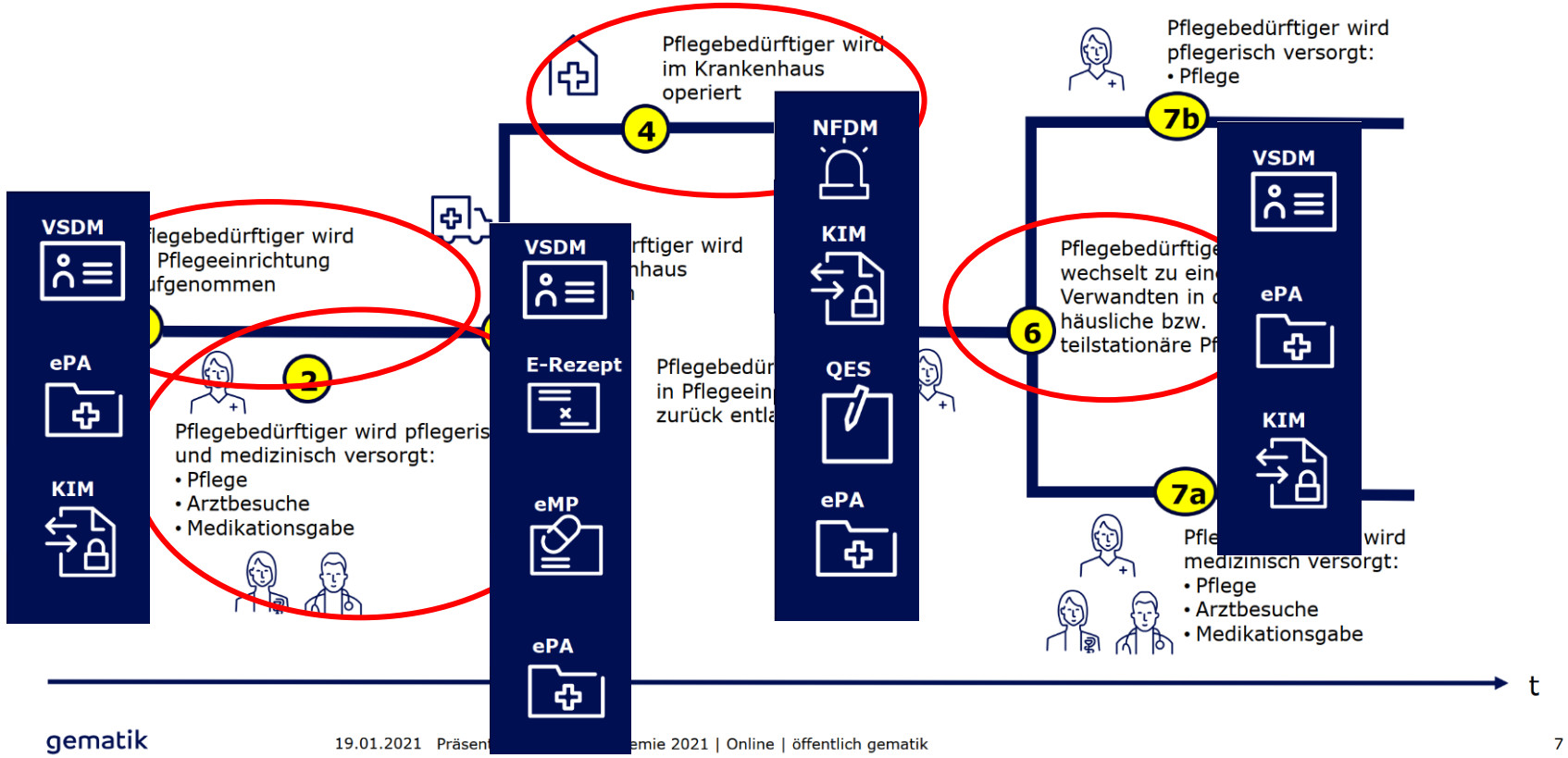
Access to the telematics infrastructure



gematik 06.04.2021 Workshop | Konnektorloser Zugang in ePA | öffentlich

Source: gematik Workshop Konnektorloser Zugang in ePA, 06.04.2021

Versorgungsprozesse und Anwendungen



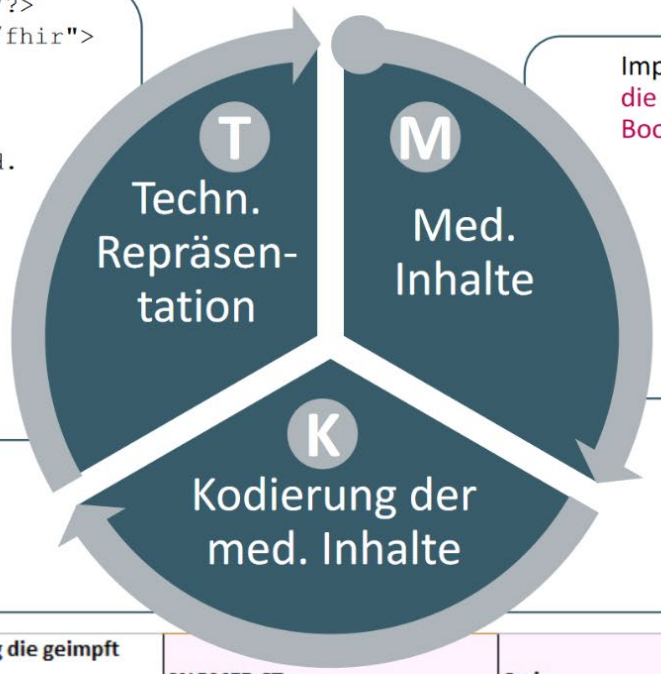
Source: Vortrag Martin Heisch, FINSOZ Akademie, 19.01.2021

MIO – medical information object

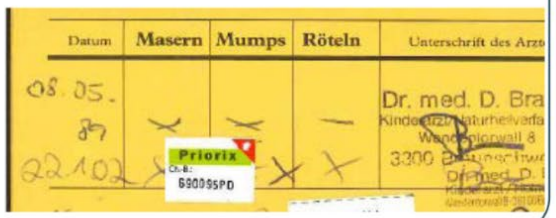
MIO: Mögliches Umsetzungsbeispiel Impfpass

```
<?xml version="1.0" encoding="UTF-8"?>
<Immunization xmlns="http://hl7.org/fhir">
  <vaccinationProtocol>
    <targetDisease>
      <coding>
        <system value="http://snomed.
          info/sct"/>
        <code value="14189004"/>
        <display value="Masern"/>
      </coding>
    </targetDisease>
  </vaccinationProtocol>
…
</Immunization>
```

syntaktisch



Impfeintrag bestehend aus Datum, Krankheit gg. die geimpft wird, Impfstoff, Datum nächster Booster, Arztunterschrift & -stempel



Inhalte

Krankheit gg die geimpft wird	SNOMED CT	Code
Masern	Measles	14189004
Mumps	Mumps	36989005
Röteln	Rubella	36653000

semantisch

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