

Transforming the Campus as “Knowledge Hub” – The KIT-library's contribution

KIT LIBRARY, Learning Space Coordination



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1. Learning Spaces at Karlsruhe: Challenges
2. Introducing learning space coordination
3. Outreach and Perspective: Beyond the University
4. The role of the KIT-Library in campus development

Google office space



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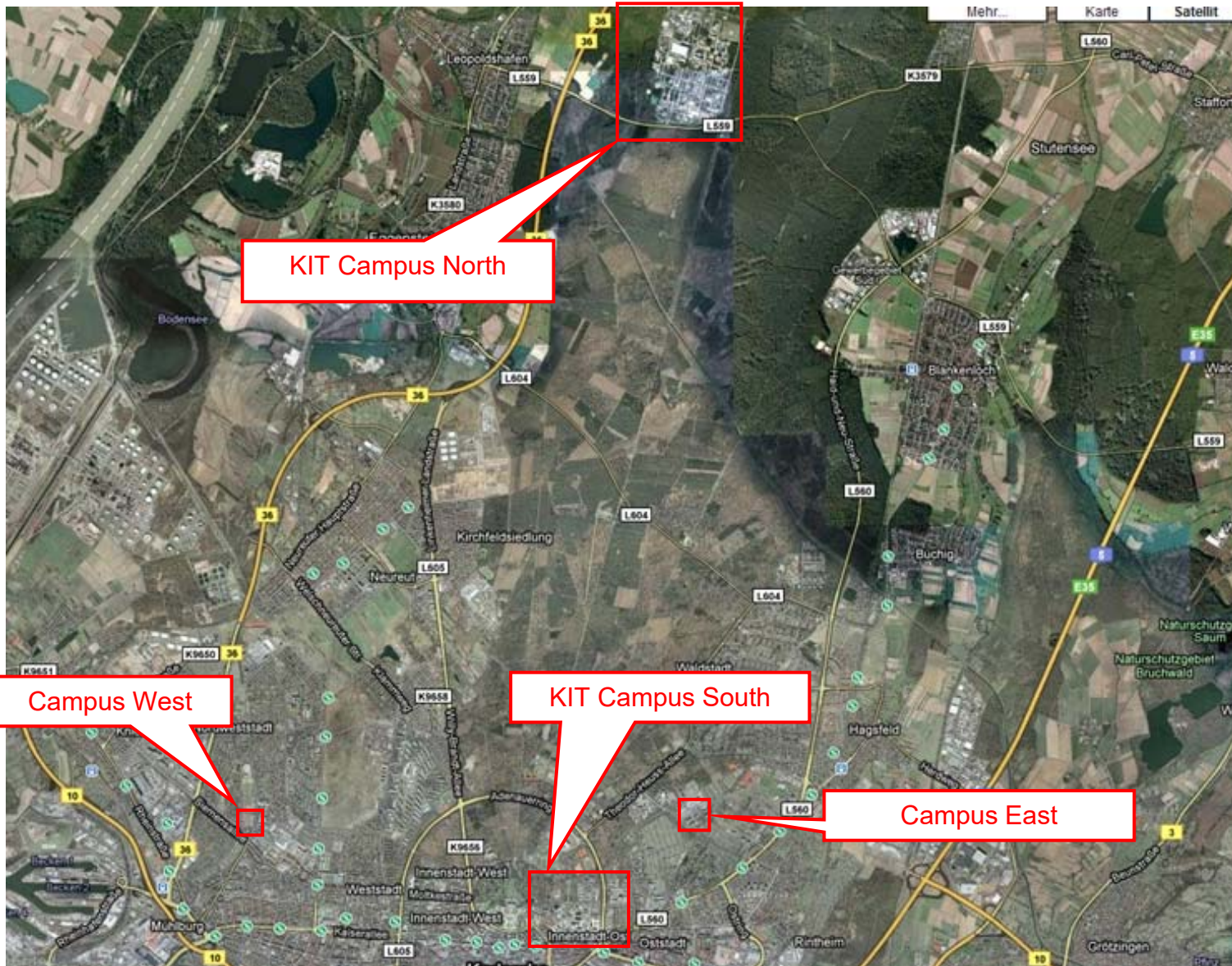
Karlsruhe Institute of Technology

Founded in 2006, merging university and research center

25.495 students

9.292 employees with 4.987 working in teaching and research

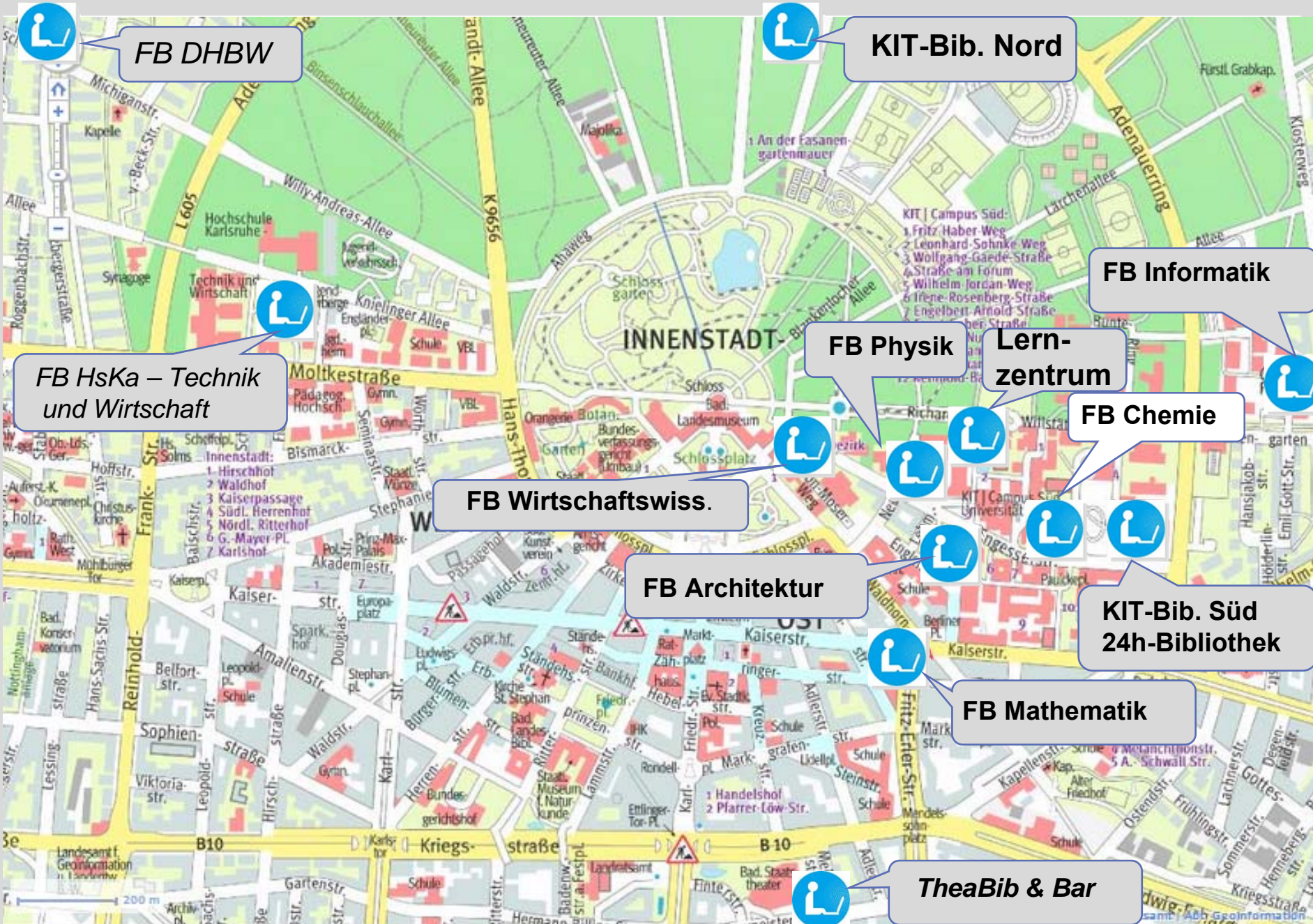




KIT Library

- ~ 2 Mio. volumes (print and electronic resources)
- ~ 5000 visitors / day
- Operating 24 / 7
- 960 study spaces in the main library in
5 reading rooms, 1 textbook-collection,
10 rooms for group study





Learning Spaces at Karlsruhe: Challenges



Learning Spaces at Karlsruhe: Challenges



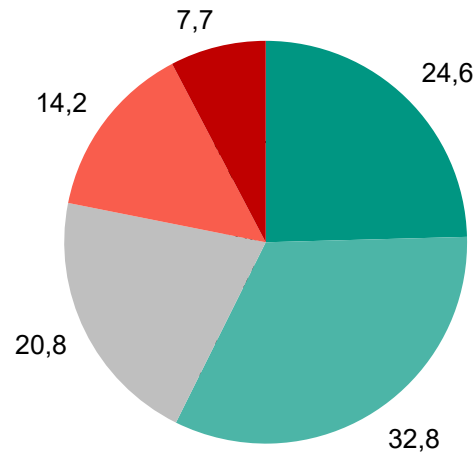
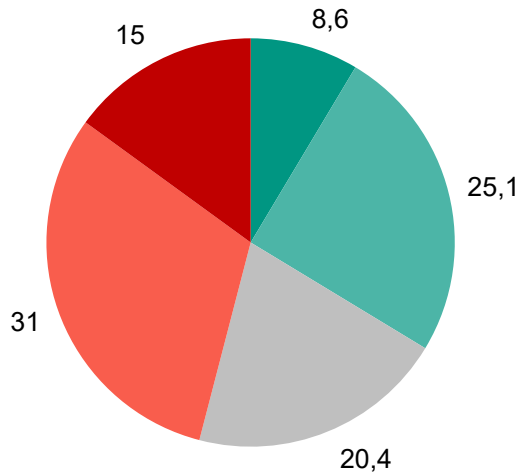
- Raise in student numbers from 15.000 (2002) up to 25.500 (2017)
- Tighter curriculum
- Long exam periods
- Increase in mandatory group work
- Need to focus in a digitised lifestyle

Learning Spaces at Karlsruhe: Challenges



Representative needs assessment 2015

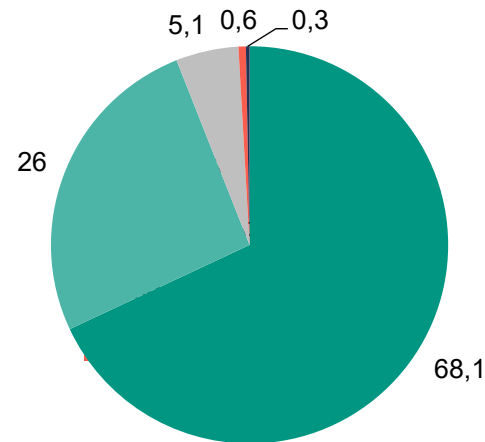
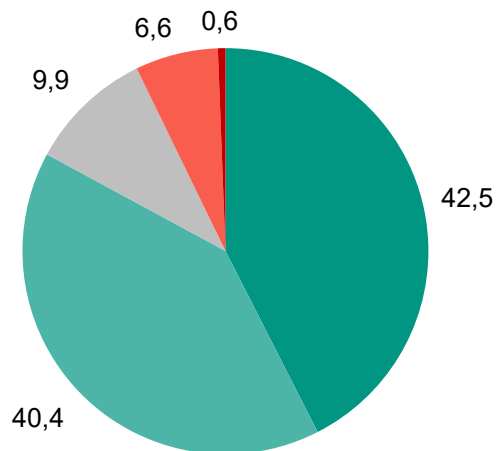
Where do you work for individual study ... and if there was enough space on campus?



- Always on campus
- Mainly on campus
- Balanced
- Mainly at home
- Always at home

Where do you work in study groups

... and if there was enough space on campus?



Learning Spaces at Karlsruhe: Challenges

The Learning spaces project

April 2014



April 2015 – March 2017



April 2017 – March 2019



Learning Spaces at Karlsruhe: Challenges

Kick-Off Workshop

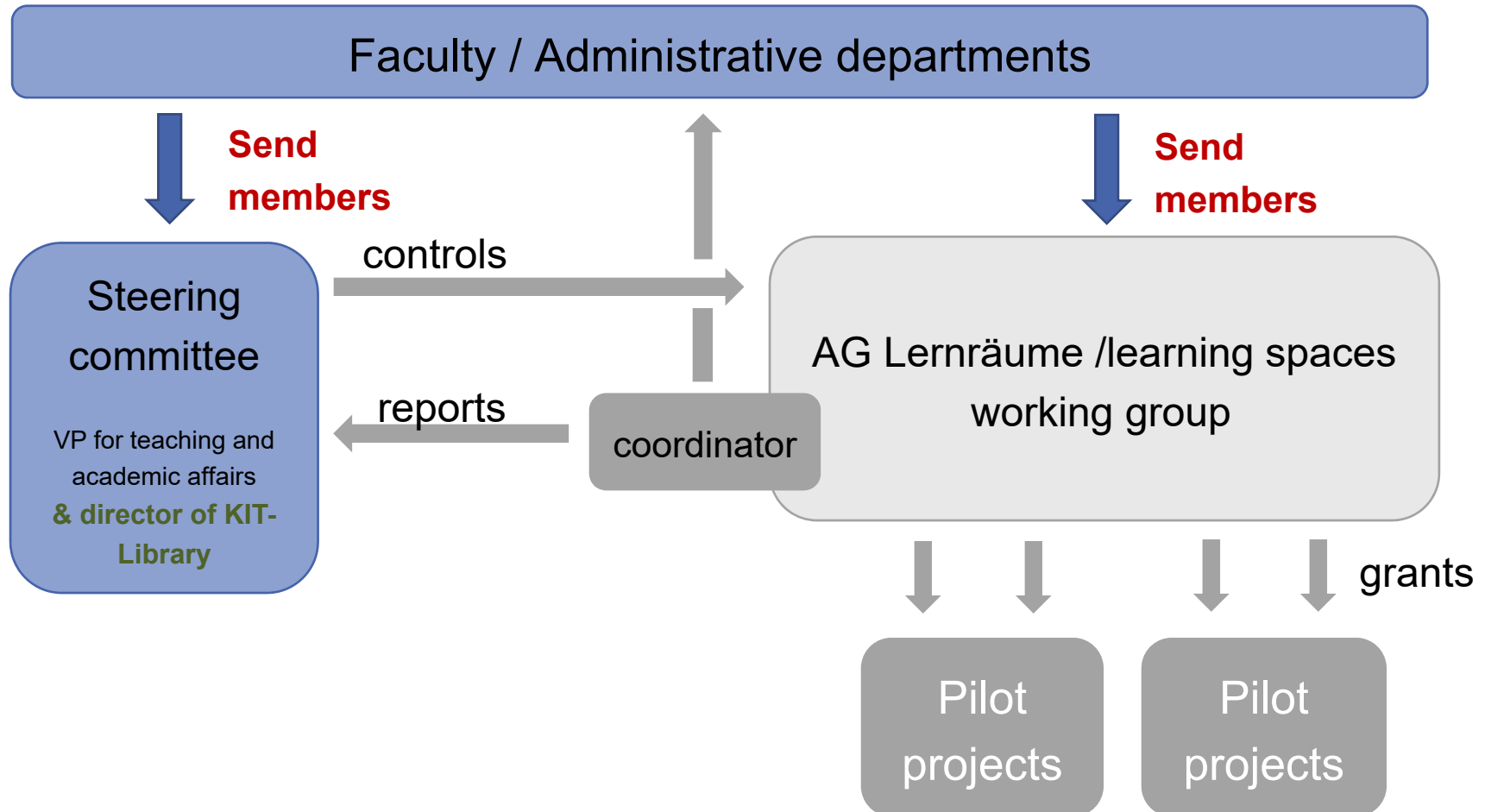
July 2014

„resolutions“

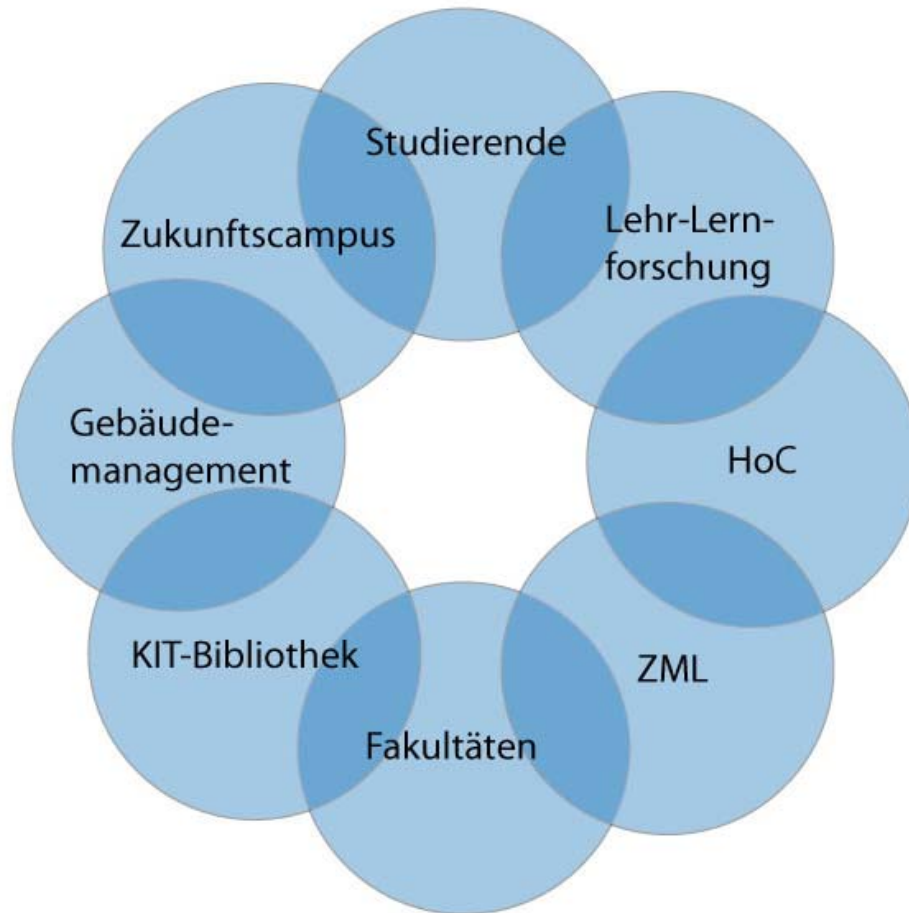
- Integration of teaching and learning spaces
- Learning space coordination
- participation



Learning Space Coordination



Learning Space Coordination



AG Lernräume /

Learning spaces working group

Learning Space Coordination

Lehrbuchsammlung (LBS) 

| Foto | Allgemeines | Ausstattung |
|--|---|--|
|  | <ul style="list-style-type: none"> EG/1. OG Altbau Lage und Anschrift 72 Einzelarbeitsplätze Geöffnet: täglich 24 | <ul style="list-style-type: none"> Kopierer  |

Cafeteria EG 

| Foto | Allgemeines | Ausstattung |
|--|--|--|
|  | <ul style="list-style-type: none"> EG Neubau Lage und Anschrift Loungebereich Geöffnet: täglich 24 | <ul style="list-style-type: none"> Tageszeitungen  Snack- und Getränkeautomaten |







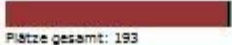











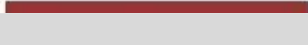
Cafeteria UG 

| Foto | Allgemeines | Ausstattung |
|---|--|--|
|  | <ul style="list-style-type: none"> UG Neubau Lage und Anschrift Loungebereich Geöffnet: täglich 24 Stunden | <ul style="list-style-type: none"> Snack- und Getränkeautomaten  |

KIT-Bibliothek Nord (BIB-N)

Lesesaal 

| Foto | Allgemeines | Ausstattung |
|--|--|--|
|  | <ul style="list-style-type: none"> Lage und Anschrift 37 Einzelarbeitsplätze | <ul style="list-style-type: none"> Internet-PCs  Kopierer, Scanner, Drucker |

| Lage und Bibliothek | Freie und belegte Plätze | Stand | Geöffnet |
|---|---|-------------|----------------------------|
| KIT Campus Süd: KIT-Bibliothek | | | |
| KIT-Bibliothek Süd, 3. OG (N) Lesesaal Gelsteswiss. |  Plätze gesamt: 164 | | 24/7 |
| KIT-Bibliothek Süd, 2. OG (N) Lesesaal Technik |  Plätze gesamt: 192 | Vor 21 Min. | 24/7 |
| KIT-Bibliothek Süd, 1. OG (N) Lesesaal WiWi- und Informatik |  Plätze gesamt: 176 | | 24/7 |
| KIT-Bibliothek Süd, 3. OG (A) Lesesaal Medienzentrum (LSM) NEU |  Plätze gesamt: 66 | | 24/7 |
| KIT-Bibliothek Süd, 2. OG (A) Lesesaal Naturwiss. |  Plätze gesamt: 186 | Vor 21 Min. | 24/7 |
| KIT-Bibliothek Süd, BG/1. OG (A) Lehrbuchsammlung |  Plätze gesamt: 72 | Vor 23 Min. | 24/7 |
| KIT Campus Süd: Fachbibliotheken etc. | | | |
| Fachbibliothek Chemie (FBC) |  Plätze gesamt: 193 | Vor 50 Min. | Mo-Fr 9-19 |
| Lernzentrum am Fasanenschlösschen |  Plätze gesamt: 94 | Vor 21 Min. | Mo-Fr 7-22 |
| Wirtschaftswissenschaftliche Fakultätsbibliothek  |  Plätze gesamt: 90 | Vor 14 Min. | Mo-Fr 9-20 |
| Fachbibliothek Physik (FBP) |  Plätze gesamt: 86 | | Mo-Fr 9-20 Sa 9-14 |
| Informatikbibliothek  |  Plätze gesamt: 99 | | Mo-Fr 9-22 Sa 9-12.30 |
| Fachbibliothek Mathematik  |  Plätze gesamt: 40 | | Mo-Fr 9-19 |
| Fakultätsbibliothek Architektur  |  Plätze gesamt: 15 | | Mo-Fr 9-17 |
| KIT Campus Nord | | | |
| KIT-Bibliothek Nord |  Plätze gesamt: 37 | | Mo-Do 8-18.30* Fr 8-17* |
| KIT Campus Molke | | | |
| Fachbibliothek Informatik Karlsruhe |  Plätze gesamt: 100 | | Mo-Fr 9-18 |

Learning Space Coordination



TheaBib & Bar

a pop-up learning space
in the foyer of the theatre



Learning Space Coordination

Pilot projects – improving existing learning spaces with limited resources

Example: Computer lab, school of architecture:

Enabling group work, BYOD, switching between instruction and individual work



4300,- €

New tables hold computers below, new cables, switches and electrical sockets for BYOD
More places



Learning Space Coordination

Pilot projects – improving existing learning spaces with limited resources



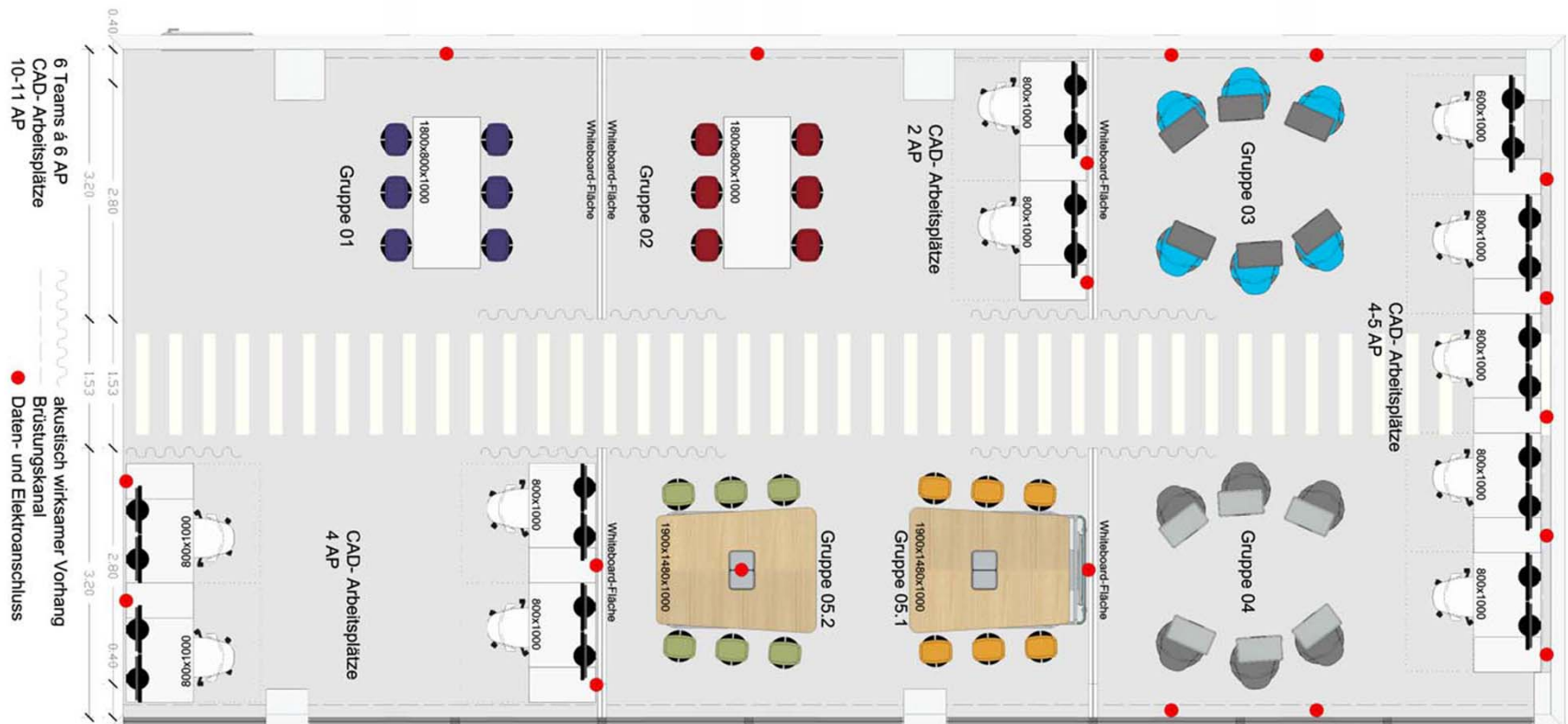
Steelcase Active Learning Center
Institute for product development



Learning Space Coordination

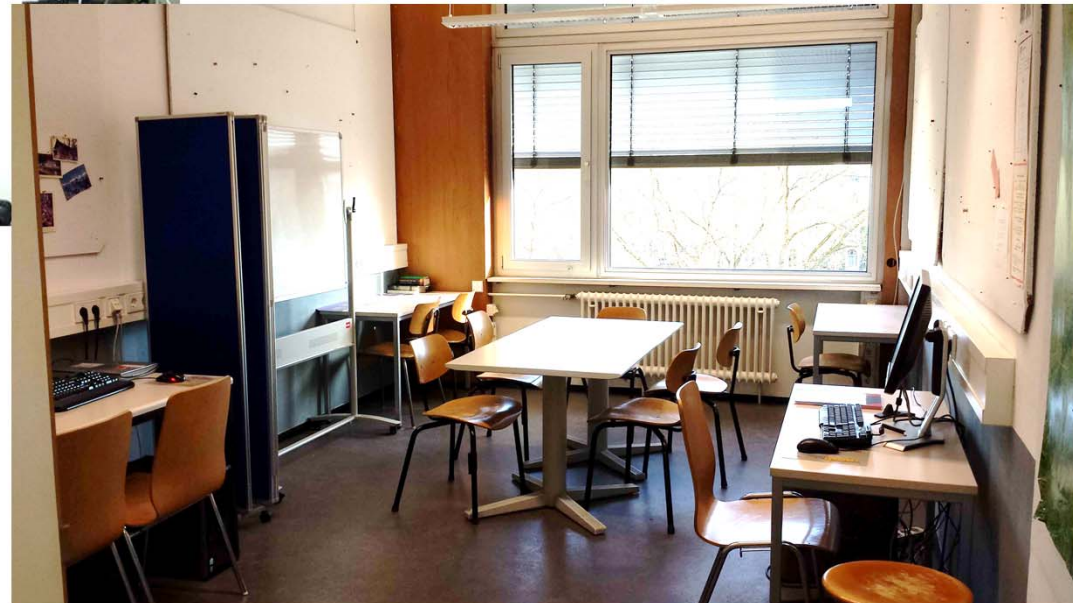
Pilot projects – improving existing learning spaces with limited resources

Steelcase Active Learning Center, Institute for product development



Learning Space Coordination

Pilot projects – improving existing learning spaces with limited resources



Outreach and Perspectives: Beyond University



Karlsruher Lernraumtag 17.10.2017

Wie beeinflusst Raum die Entstehung von
Wissen?

In den Karlsruher Bibliotheken lernen täglich
Tausende – die Bedürfnisse an den idealen
Lernraum sind dabei so unterschiedlich wie die
Menschen selbst.

Lernen Sie an einem Tag die Vielfalt der
Lernräume Karlsruhes kennen.

Der Karlsruher Lernraumtag findet am 17.10.2017 von 9:30 bis 19
Uhr im Rahmen der Europäischen Architekturtage statt. Er ist eine
Kooperation der Badischen Landesbibliothek, der KIT-Bibliothek,
der Bibliothek der Pädagogischen Hochschule sowie der
Stadtbibliothek Karlsruhe.



BADISCHE
LANDES-
BIBLIOTHEK



KIT Bibliothek



University of Education
Pädagogische Hochschule
karlsruhe

STADTBIBLIOTHEK
Karlsruhe



Outreach and Perspectives: Beyond University

Grant application by the city of Karlsruhe – Fonds Bauhaus heute
100th anniversary of the Bauhaus in 2019



- Ideas for learning approaches in a digitised, globalized world
- „Gestaltung“ of the community we live in
- Role of communities: enabling citizens to participate in digitized world
- Role of the library: learning space, enabling Information literacy and Digital literacy

Outreach and Perspectives: Beyond University

Cooperation with the center for art and media
 – experimental learning spaces



> OPEN CODES
 > Leben in digitalen
 > Welten
 > 20.10.2017 – 05.08.2018
 zkm karlsruhe

```

function ABCMatrix(config) {
  let matrix = new THREE.Object3D();
  matrix.name = config.name;
  for(let i = 0; i < 10; i++) {
    for(let j = 0; j < 10; j++) {
      let element = document.createElement('div');
      element.textContent = `i: ${i}, j: ${j}`;
      matrix.add(element);
    }
  }
  return matrix;
}

function updateLetter(letter) {
  if (alphabet.indexOf(letter) >= 0) {
    let k = Math.min(str.length, object.length);
    let scale = copyVector(scale, scale);
    let translateX = copyVector(translateX(0), translateX(0));
    let y1 = 0;
    let y2 = 0;
    let y3 = 0;
    let y4 = 0;
    let y5 = 0;
    let y6 = 0;
    let y7 = 0;
    let y8 = 0;
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    let y10 = 0;
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    let y97 = 0;
    let y98 = 0;
    let y99 = 0;
  }
}
  
```



The Library as a player in campus development



The Library as a player in campus development



- Strategic campus development
- KIT-Library
- House of Competence

KIT 2025: Knowledge Hub / Marktplatz des Wissens

- Campus as learning landscape
- Campus as place to acquire and exchange knowledge
- Place for commitment to ideas and projects
- Enculturation in scientific community
- Transfer of knowledge beyond university

- Learning takes place everywhere



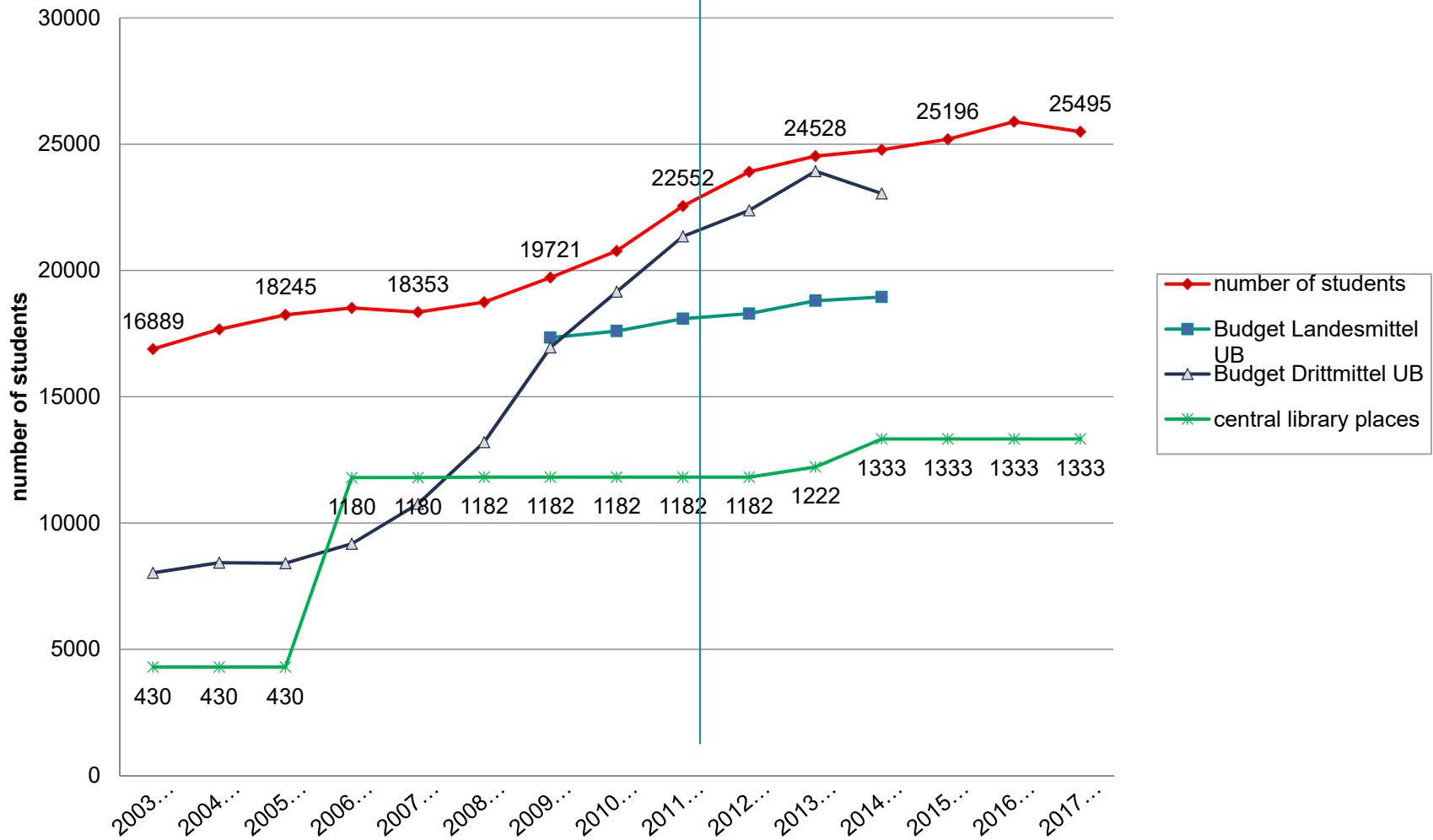
The Library as a player in campus development

- Don't take over someone else's work
- Contribute **your** experiences
- Be prepared: Know the needs and numbers
- Pilot new approaches wherever possible
- Cooperate and collaborate
- Get a mandate !!!
- Give it a name
- Communicate results

Thank you!

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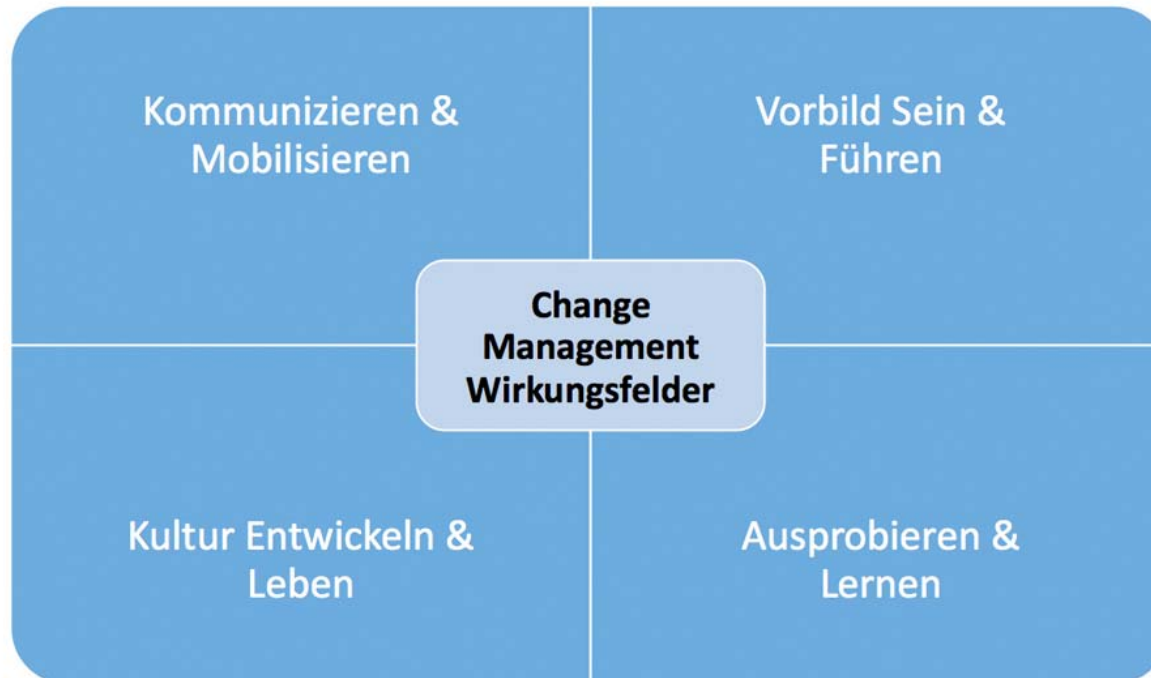
student statistics / library spaces



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Change Management Wirkungsfelder

Um Nachhaltigkeit praktisch im Unternehmen umzusetzen



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