

SURVEY: OPEN SCIENCE IN HIGHER EDUCATION

// SURVEY STRUCTURE AND DATA COLLECTION

> five major themes: material used in courses, OER awareness, usage and development, collaborative tools used in courses, assessment and participation options, demographics

> target group of the survey: academics at German institutions of higher education, mainly universities and universities of applied sciences.

> 360 responses, whereof 210 were completes

> survey was online from Feb 6th to March 3rd 2017

> the survey includes 24 questions ^[2]

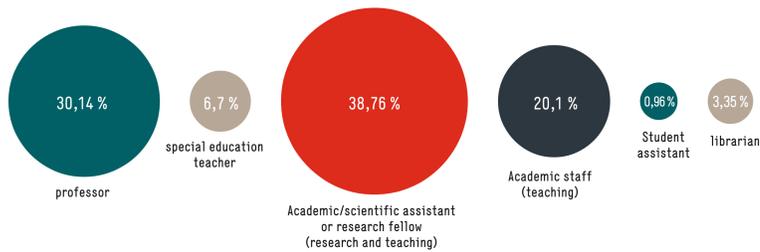
THE SURVEY AIMS AT THE FOLLOWING RESEARCH QUESTIONS:

> In which way do academics generally use open science practices, respectively open educational practices, in their higher education courses?

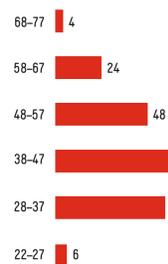
> In which way do academics integrate and foster open practices?

// DEMOGRAPHIC DATA

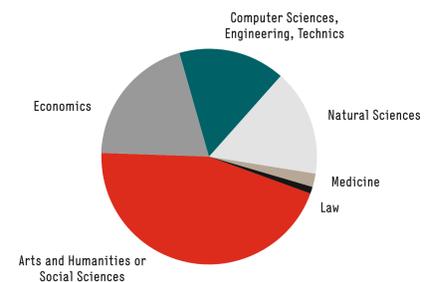
CURRENT JOB POSITIONS (n=209)



AGE (n=208)

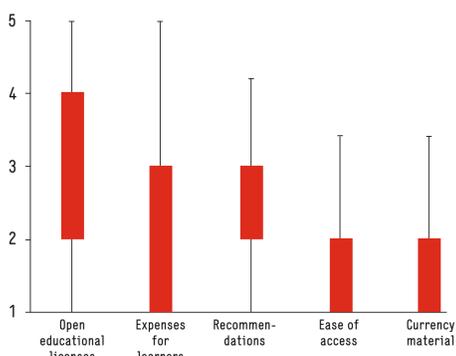


WHAT IS YOUR DISCIPLINE? (MULTIPLE CHOICE) (n=258)



// RESULTS (EXCERPT)

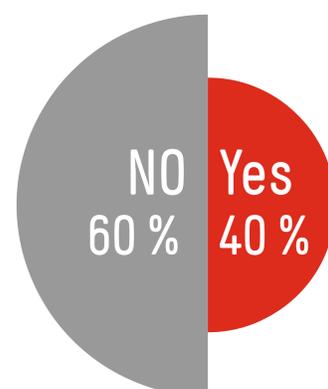
WHAT CRITERIA DO YOU CONSIDER WHEN CHOOSING YOUR LEARNING RESOURCES FOR YOUR STUDENTS? (n=210)



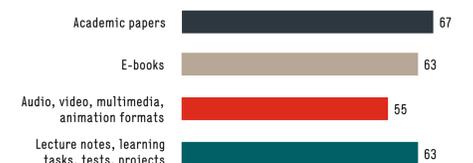
DO YOU MAKE YOURSELF AWARE OF THE TERMS OF USE OF YOUR CHOSEN LEARNING RESOURCES? (n=210)



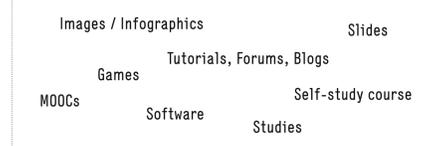
DO YOU USE OPEN EDUCATIONAL RESOURCES IN YOUR CLASSES AND/OR FOR PRE- AND POST-CLASS USE? (n=210)



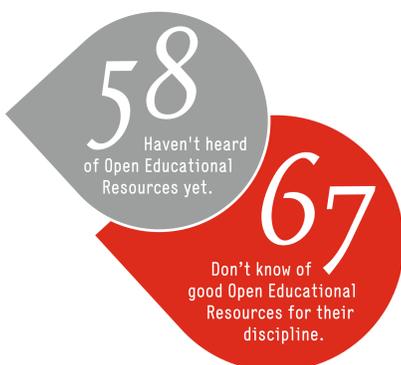
WHICH OPEN EDUCATIONAL RESOURCES DO YOU USE? (n=84)



Other (excerpt):



PLEASE TELL US WHY YOU DON'T USE OPEN EDUCATIONAL RESOURCES (n=128)



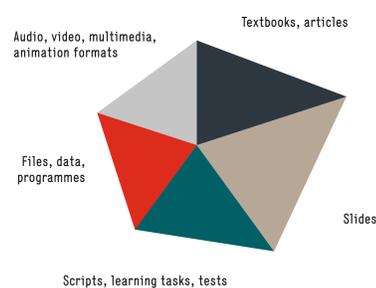
Other (excerpt):

"Must fit to ones own teaching." | "It is rarely available." | "Lack of time to scan materials."

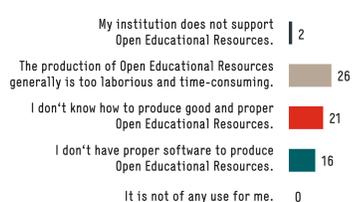
DO YOU YOURSELF CREATE AND SHARE OPEN EDUCATIONAL RESOURCES? (n=84)

YES 50% NO 50%

WHICH OPEN EDUCATIONAL RESOURCES DO YOU CREATE AND SHARE?

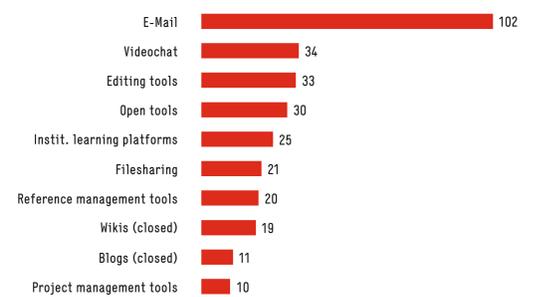


PLEASE TELL US WHY YOU DON'T CREATE AND SHARE OPEN EDUCATIONAL RESOURCES?

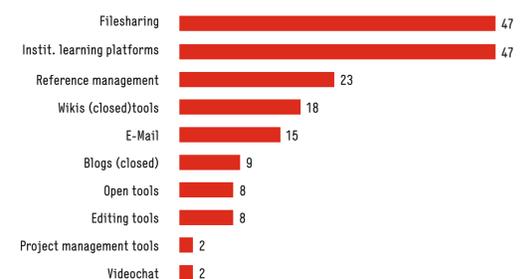


WHICH COLLABORATIVE TOOLS DO YOU USE IN YOUR CLASSES? (n=210)

FOR COLLABORATION AND DISCUSSIONS BETWEEN LECTURER AND STUDENTS



ONLY FOR PROVISION OF COURSE LEARNING RESOURCES



References:

[1] Blümel, Ina, Heck, Tamara, Heise, Christian, Peters, Isabella, Scherp, Ansgar, & Weisel, Luzian. (2016). Science 2.0 & Open Science in Higher Education. Zenodo. <http://doi.org/10.5281/zenodo.376104>

[2] Heck, Tamara, Blümel, Ina, Heller, Lambert, Mazarakis, Athanasios, Peters, Isabella, Scherp, Ansgar, & Weisel, Luzian. (2017). Survey: Open Science in Higher Education [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.400518>

