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European Network for Academic Integrity

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Coordinator of the BRIDGE project
Vice-president of the European Network for Academic Integrity (ENAI)

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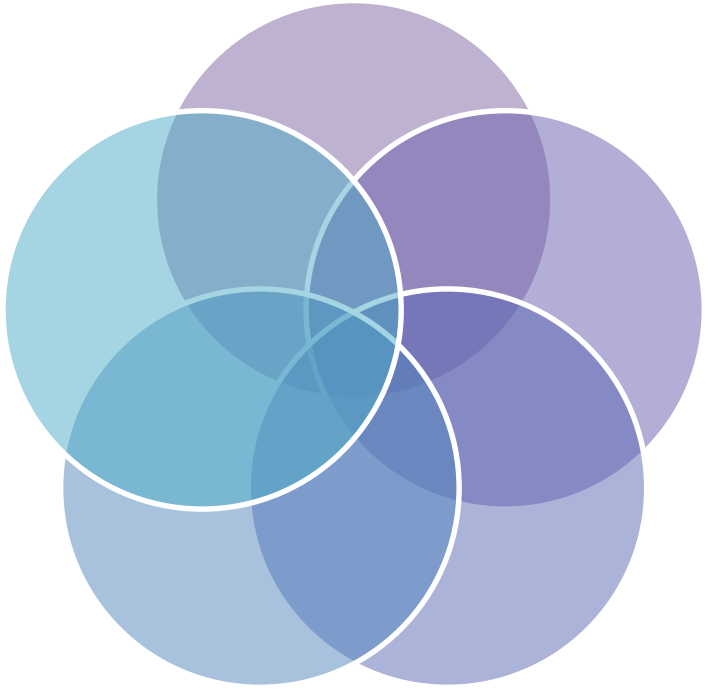
Personal Ethics

Citizen Science Ethics



Academic Integrity

Business Ethics

Research Ethics and Research Integrity

Note: Some of the slides were disseminated in previous presentations

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Ethics

A study and a theory of moral principles that govern human behavior

A philosophical discipline = moral philosophy

Rules, principles, values, and core beliefs that guide our actions

A practical application

Moral

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ETHICS

- a moral compass that helps us make informed decisions in complex situations
- acceptable ←→ unacceptable behavior

LAW

- although laws can be used to enforce ethical standards, it is not the same!
  - ethical behaviour that is illegal
  - unethical behaviour that is legal

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Shaped by the family, culture, philosophical and religious beliefs

Often the fist step towards understanding the difference between personal and professional ethics

Shaped by professional standards and codes

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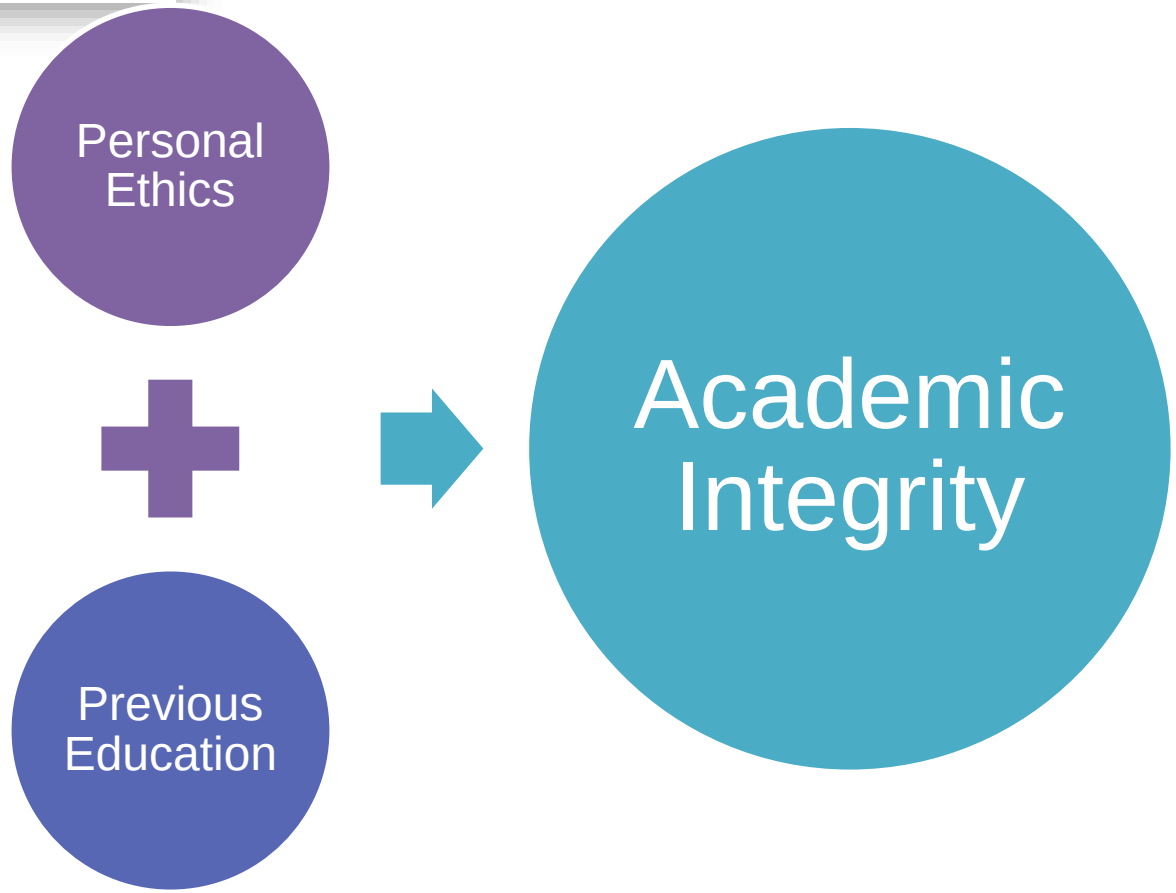

We expect students to be well-equipped to handle academic integrity by relying on their personal values and the ethical knowledge they have acquired through their previous education.

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As we expect students to already have the knowledge,
we tend to just tell them what not to do –
not to cheat, not to plagiarise etc.

We focus on prohibition and correction of students' behaviour.
We focus on detection, and punishment.

BUT WE NEVER TEACH THEM
WHAT TO DO INSTEAD!

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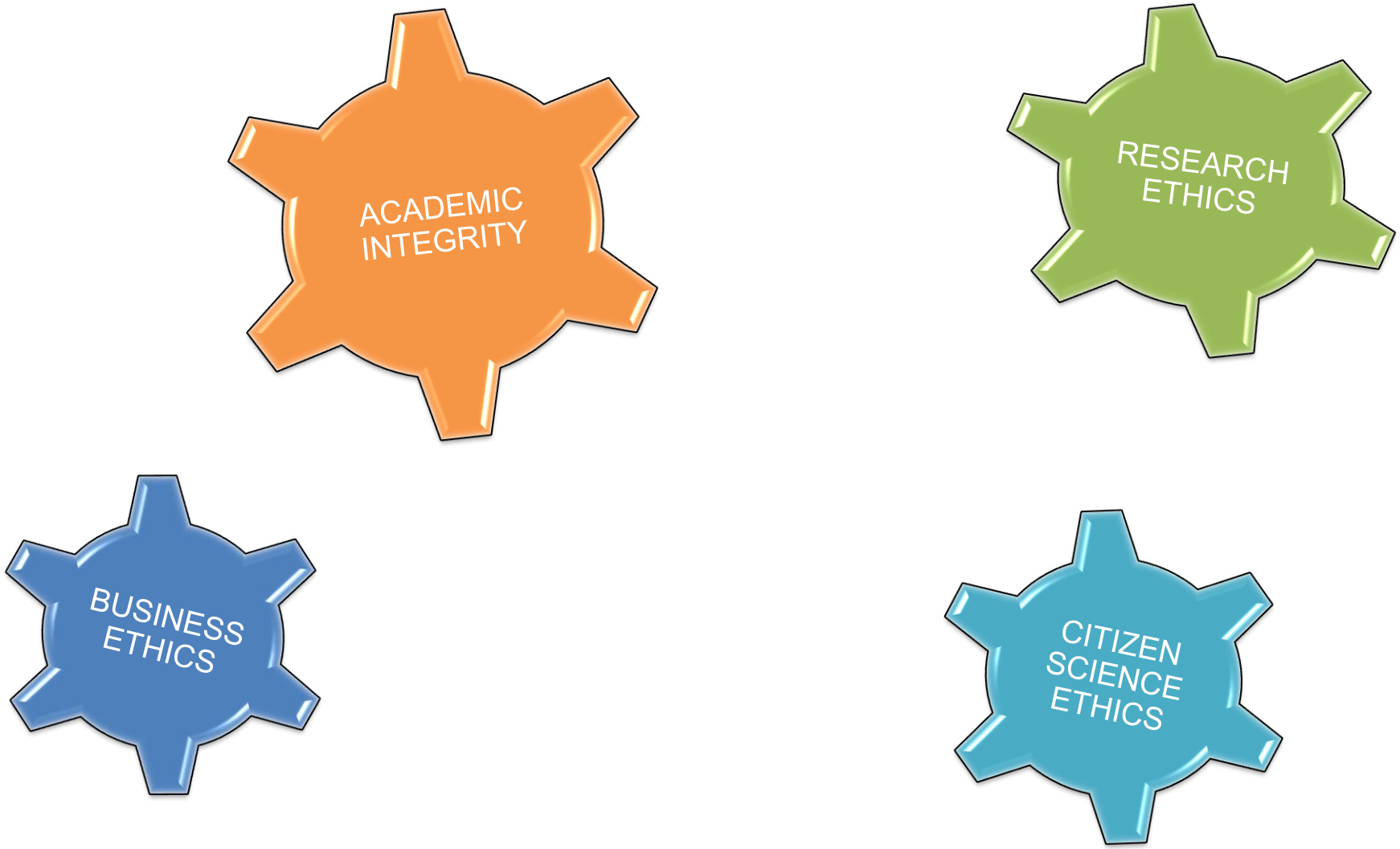
We need to focus on the preventive and pedagogical promotion of academic integrity.

WE HAVE TO TEACH

STUDENTS WHAT TO DO

BEFORE THEY ENGAGE IN MISCONDUCT


ACADEMIC INTEGRITY
RESEARCH ETHICS
BUSINESS ETHICS
CITIZEN SCIENCE ETHICS

Master students?

How do we teach academic integrity?

- A policy?
- An honor code?
- A lecture on academic integrity?
- A short course?

How do we teach research ethics?

- A policy?
- A lecture for PhD students?
- A course for early career researchers?

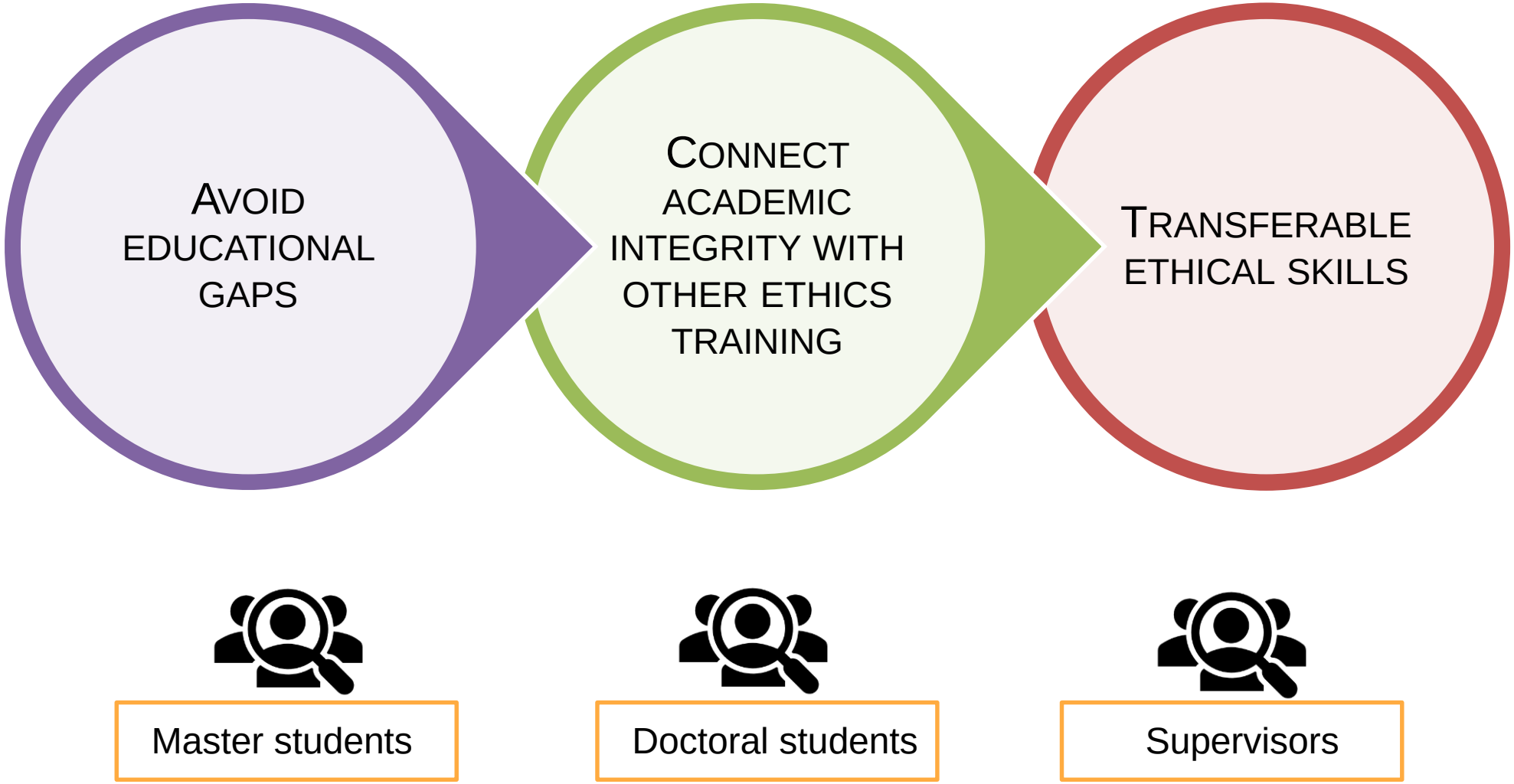
Business ethics?

Do only business students need to know something about business ethics?

Citizen science ethics?

Is there even any information on that?

A SIMPLE SOULTION IS NOT ENOUGH


AVOID EDUCATIONAL GAPS
CONNECT ACADEMIC INTEGRITY WITH OTHER ETHICS TRAINING
TRANSFERABLE ETHICAL SKILLS
Master students
Doctoral students
Supervisors

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Bridging Integrity in Higher Education, Business, and Society (BRIDGE)

Map template: yourfreetemplates.com

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UNIVERSITETI I EVROPËS JUGLINDORE
УНИВЕРЗИТЕТ НА ЈУГОИСТОЧНА ЕВРОПА
SOUTH EAST EUROPEAN UNIVERSITY

Mendel University in Brno

bridge project

Lithuanian Centre for Social Sciences

KNTU
KHERSON NATIONAL TECHNICAL UNIVERSITY

OFFICE OF THE OMBUDSPERSON FOR ACADEMIC ETHICS AND PROCEDURES OF THE REPUBLIC OF LITHUANIA

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We seek to create a bridge between academic sphere, business and society in order to reach a broader understanding of interrelated aspects of integrity between these fields.

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Three bridges

1. Academic Integrity and Research Integrity
2. Academic Integrity and Business Ethics
3. Academic Integrity and Citizen Science Ethics

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WHAT IS ACADEMIC INTEGRITY?

ENAI

"Compliance with ethical and professional principles, standards and practices by **individuals or institutions** in education, research and scholarship."

Source: Tauginienė, L, Gaižauskaitė, I, Glendinning, I, Kravjar, J, Ojsteršek, M, Ribeiro, L, Odiņeca, T, Marino, F, Cosentino, M, Sivasubramaniam, S. Glossary for Academic Integrity. ENAI Report 3G [online: http://www.academicintegrity.eu/wp/wp-content/uploads/2018/02/GLOSSARY_final.pdf].

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ENAI

WHAT IS ACADEMIC INTEGRITY?

→ It is not only about students!

ACADEMIC INTEGRITY IS INTEGRITY IN ACADEMIA

- Education
- Research
- Scholarship

→ BUILDING A CULTURE OF INTEGRITY MEANS CONNECTING EDUCATION AND RESEARCH IN ACADEMIC INTEGRITY AND IN RESEARCH ETHICS

"Compliance with ethical and professional principles, standards and practices by **individuals or institutions** in education, research and scholarship."

Source: Tauginienė, L, Gaižauskaitė, I, Glendinning, I, Kravjar, J, Ojsteršek, M, Ribeiro, L, Odiņeca, T, Marino, F, Cosentino, M, Sivasubramaniam, S. Glossary for Academic Integrity. ENAI Report 3G [online: http://www.academicintegrity.eu/wp/wp-content/uploads/2018/02/GLOSSARY_final.pdf].

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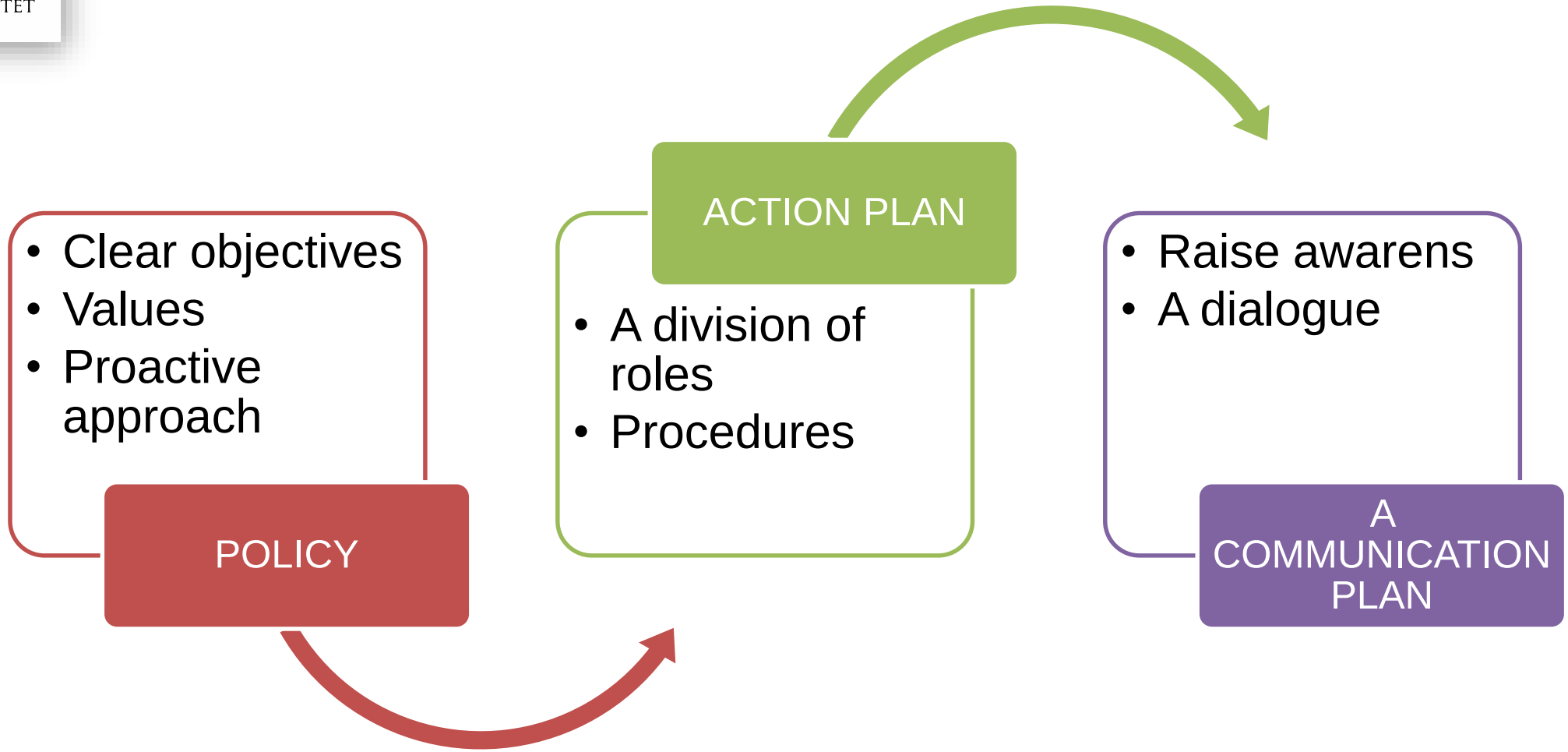

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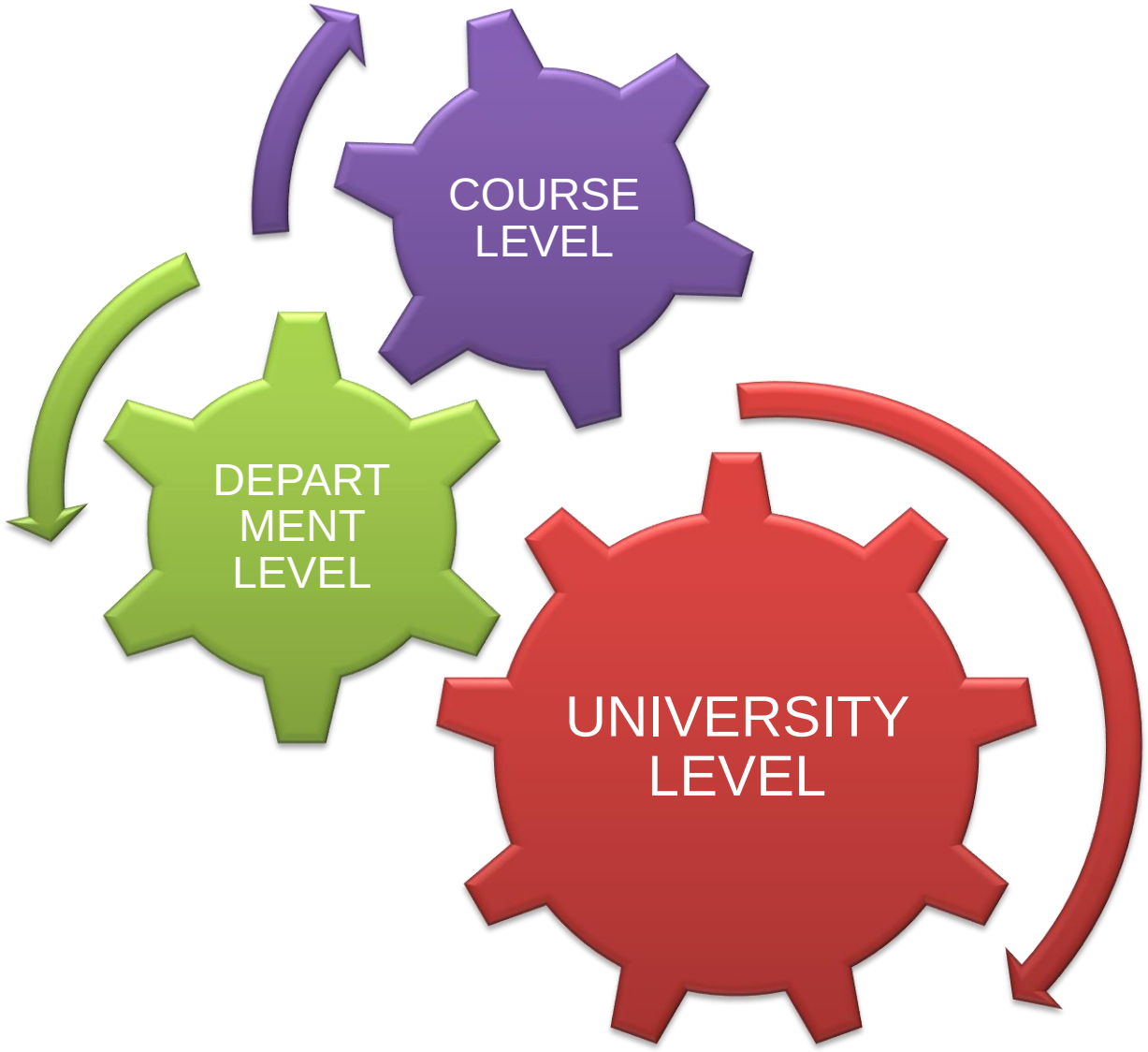

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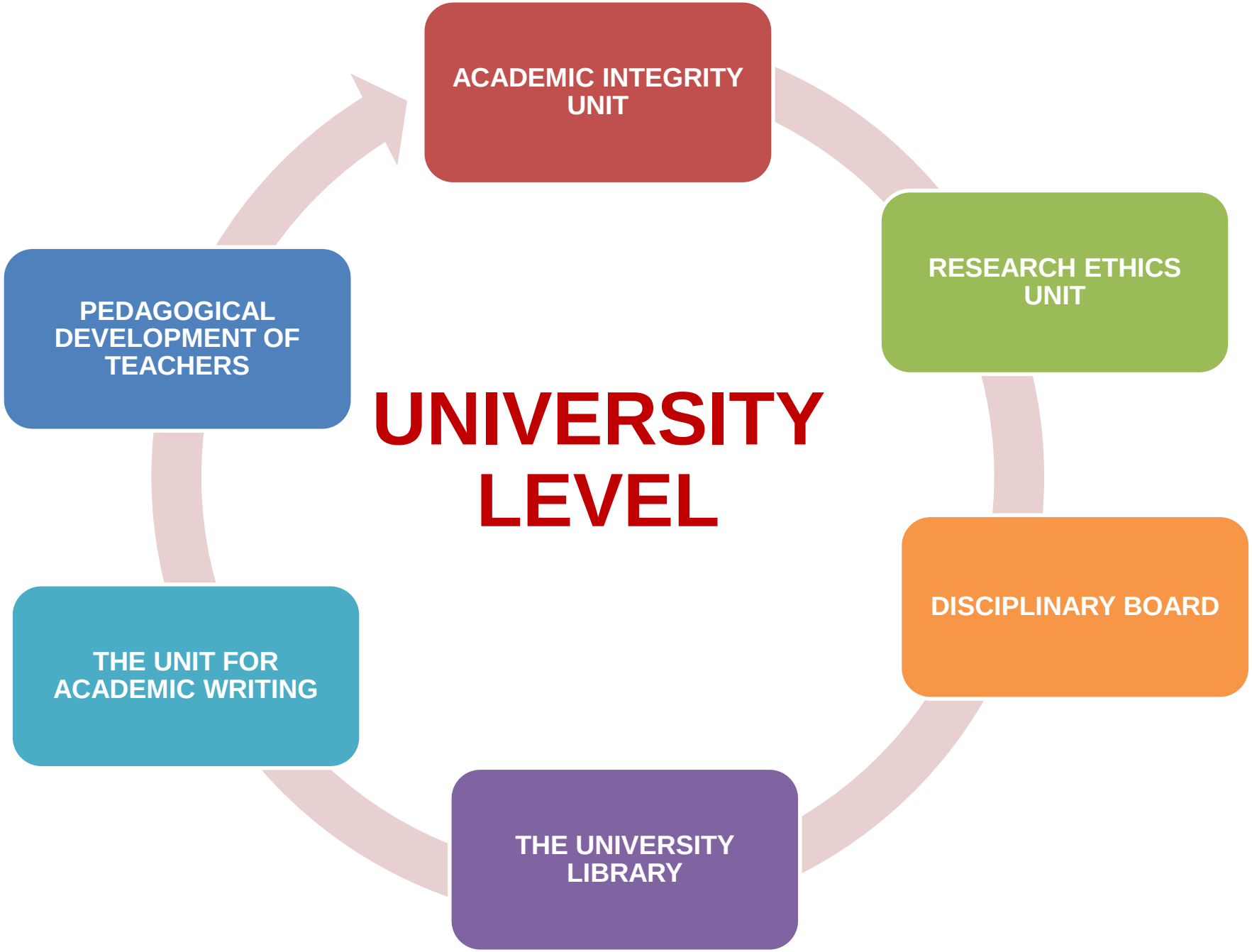

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- Communication with the university level
- Foster a discussion
- The procedures
- Information to students
- Information to new employees
- Involve students, faculty and administrators

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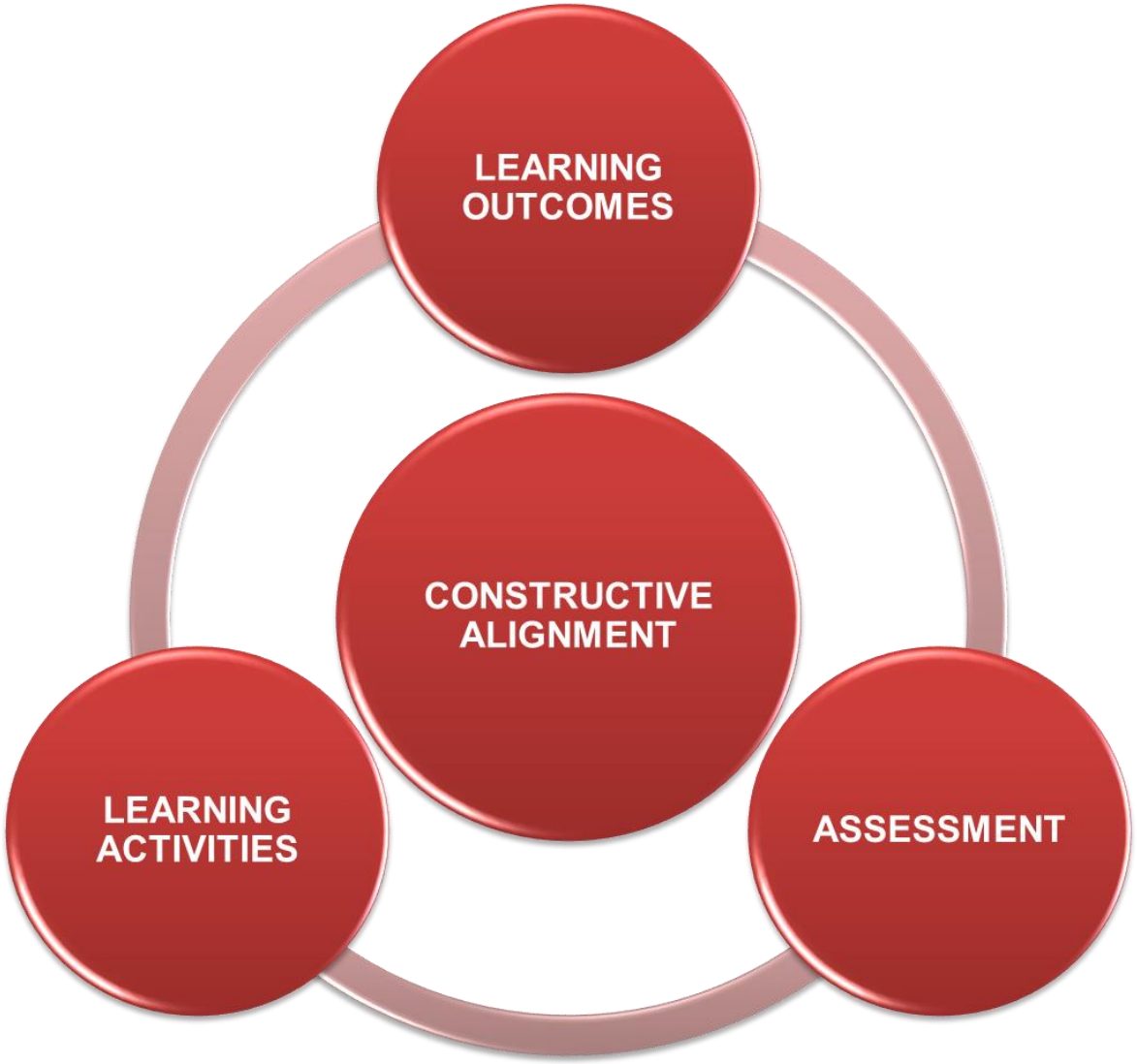
Bjelobaba, S. (2020) Academic Integrity Teacher Training: Preventive Pedagogical Practices on the Course Level. I: Khan, Z., Hill, C. & Foltýnek T. (red.): *Integrity in Education for Future Happiness*, s. 9–18. Brno: Mendel University in Brno
http://academicintegrity.eu/conference/proceedings/2020/bjelobaba.pdf

ACADEMIC INTEGRITY SHOULD BE A PART OF ALL COURSES

Academic integrity must be clarified as learning objectives in the syllabi, taught with appropriate learning activities and examined!

→ Connect AI to your subject!



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European Network for Academic Integrity

Use activities from the ENAI website

http://www.academicintegrity.eu/wp/all-materials/

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Faculty education

- Mandatory courses in Teaching and Learning in Higher Education
- Mandatory courses for supervisors of postgraduate students
- Courses in Research Ethics
- Teacher training in Academic Integrity
- Workshops, webinars

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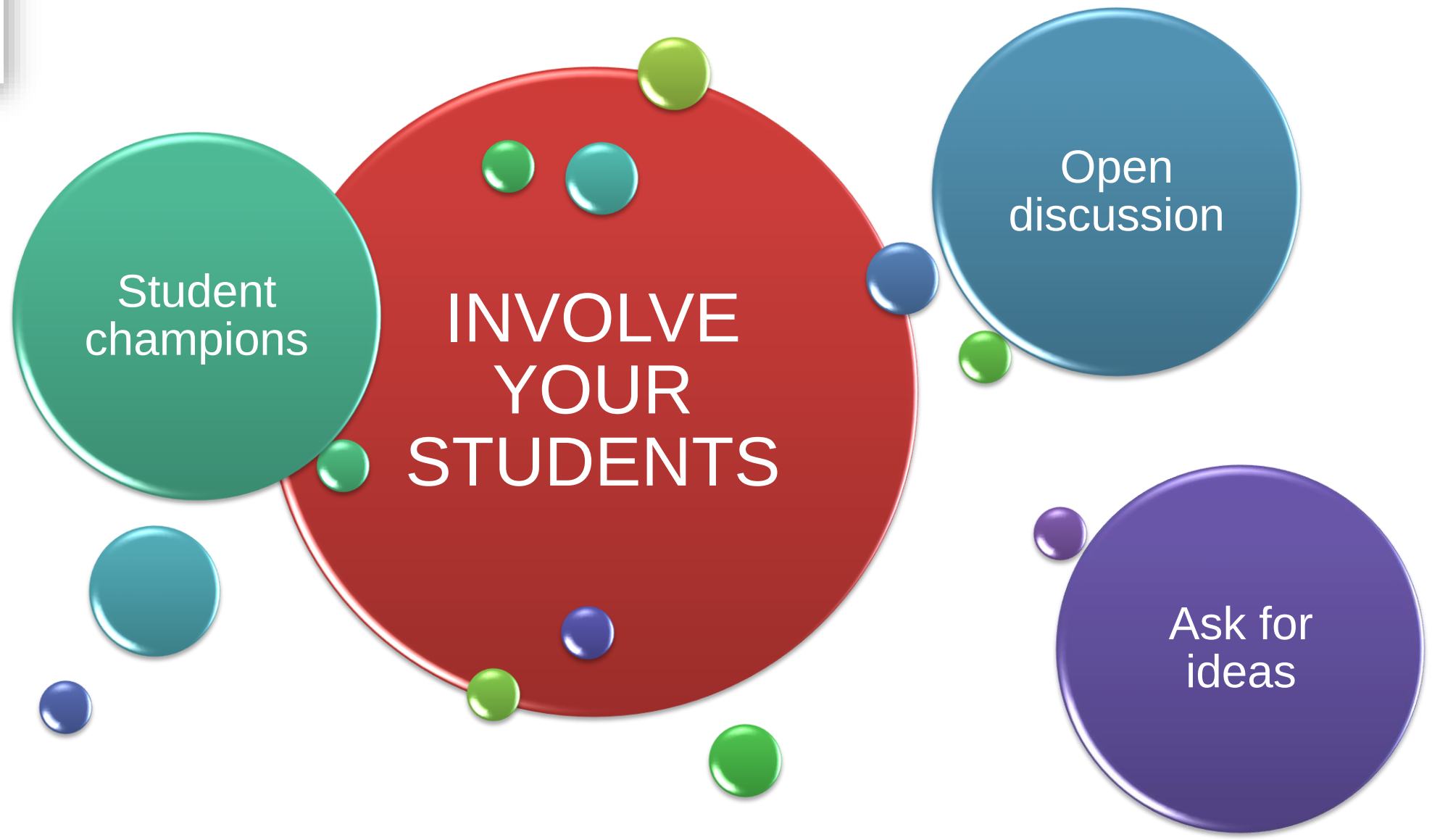

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If we want our students to have knowledge on academic integrity BEFORE they come to the university

- We need to start teaching **pre-service teachers** not only academic integrity
- But **HOW** to teach academic integrity in the secondary education

Bjelobaba, S. & Cronqvist, M. (2022): “Preparing Preservice Teachers to Teach Academic Integrity and Ethics”, in: *Ethics and Integrity in Teacher Education*, ed. Sarah Elaine Eaton, Zeenath Reza Khan, Springer, p. 43-54, DOI https://doi.org/10.1007/978-3-031-16922-9_4

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WHAT IS ACADEMIC INTEGRITY?

"The International Center for Academic Integrity defines academic integrity as a commitment, even in the face of adversity, to six fundamental values: honesty, trust, fairness, respect, responsibility, and courage."

Source:
https://academicintegrity.org/fundamental-values/

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THE EUROPEAN CODE OF CONDUCT FOR RESEARCH INTEGRITY (ECCRI)

- REALIBILITY
- HONESTY
- RESPECT
- ACCOUNTABILITY

PRINCIPLES

CONTEXTS

- RESEARCH ENVIRONMENT
- TRAINING, SUPERVISION, & MENTORING
- RESEARCH PROCEDURES
- SAFEGUARDS
- DATA PRACTICES & MANAGEMENT
- COLLABORATIVE WORKING
- PUBLICATION & DISSEMINATION
- REVIEWING, EVALUATING & EDITING

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Fundamental principles of good research practice

- that one can be assured that research is of high quality
- that research is conducted and reported in a truthful way and with respect to important societal values
- that researchers take responsibility for their research and its consequences.

Source: https://www.uu.se/en/research/ethics/

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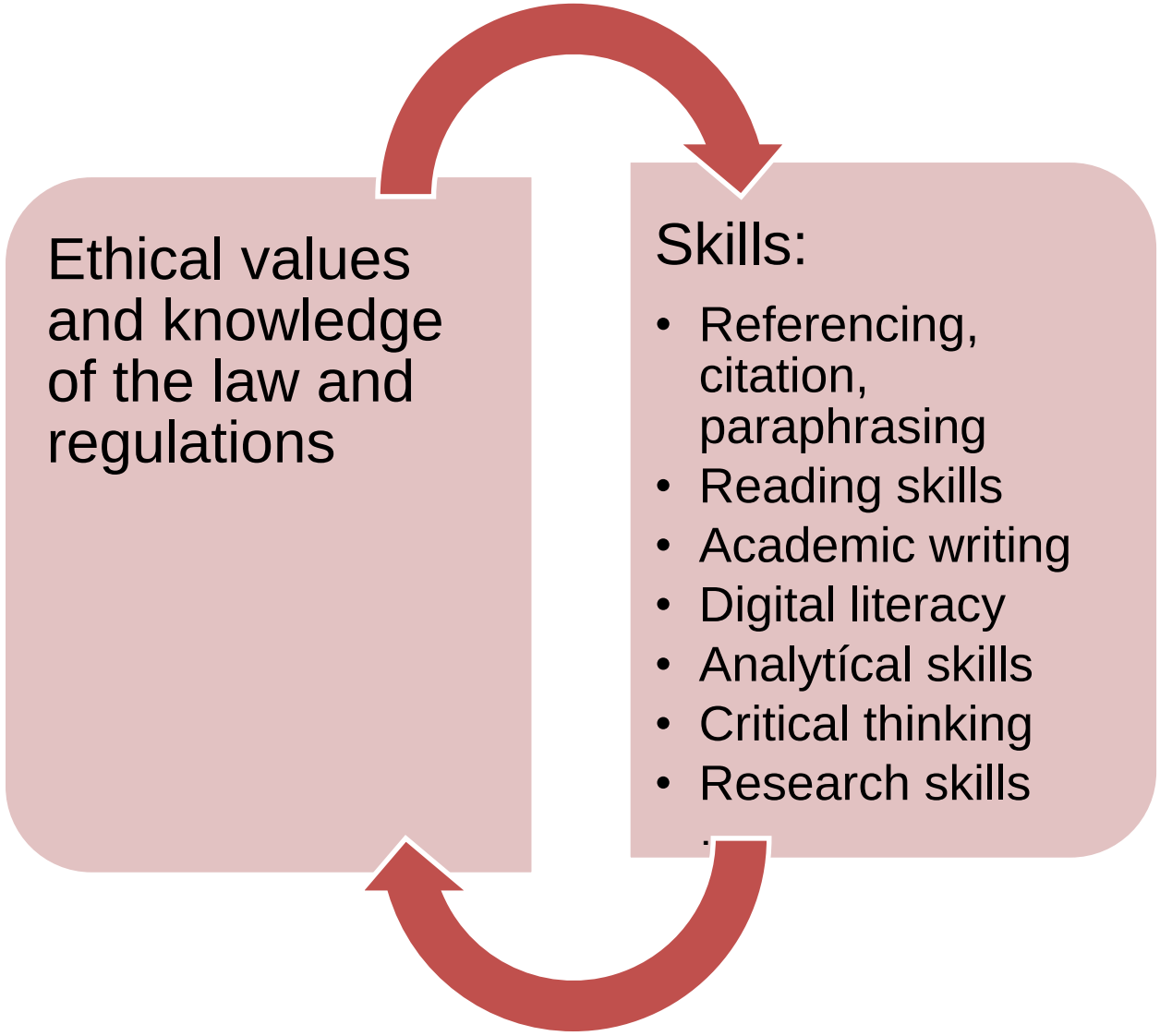

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Checklists for the Academic and Research Integrity

Checklists for Supervisors

Checklists for Doctoral Students

Checklists for Master Students

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Checklists for Doctoral Students

Publish your research work with academic and research integrity

Before you start

- The aim of this checklist is to assist doctoral students in writing their thesis and in publishing in accordance with the norms and values of academic and research integrity.
- The checklist helps guide students to prepare their thesis and research articles in line with the best research practices, uphold responsible research conduct, and avoid questionable research practices.
- The checklist is to be used throughout the process of thesis preparation and publication.
- Be aware that the list might need to be adapted to your own needs depending on the research field, your past experience, and in accordance with institutional research policies.

Name: .....

General tips

- Keep a research diary to help you save all important information.
- Use appropriate tools for working with literature sources, for example, reference management software.
- If possible, choose a topic that interests you and that you understand (or want to understand).
- It is advised that you share your experiences with fellow doctoral students, in both your own field of studies and those of others.
- It is important for you to enculturate yourself in your field of study.
- Be sure to interact with the research community, exchange ideas, and participate in academic events relevant to your work or field of study.
- Be aware of your limits and do not be afraid to say where they are to prevent burn-out.

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General preparations

Academic and research integrity

Preparations for the research work

In process:

- Formulating research questions and the study design

Research:

- Data collection
- Data processing and analysis

Academic reading and writing

- Academic reading
- Ethical work with sources
- Structure, form, and language

When your work is a part of a collaborative research project

Ethical publishing

Final considerations

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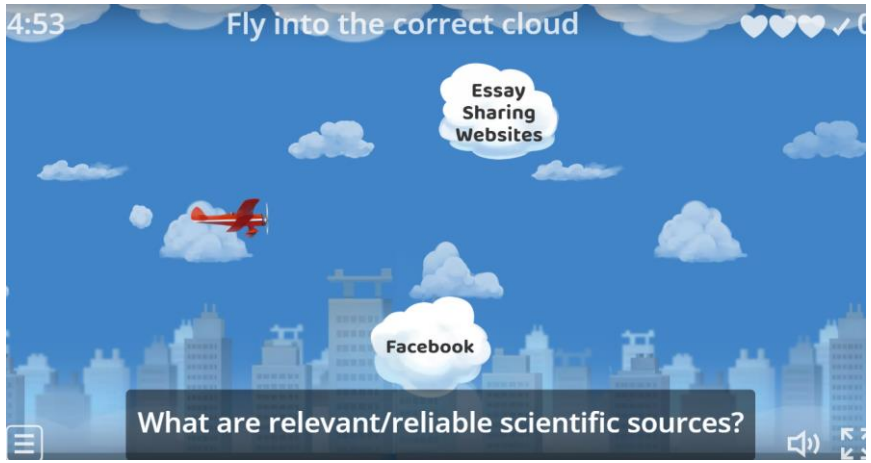
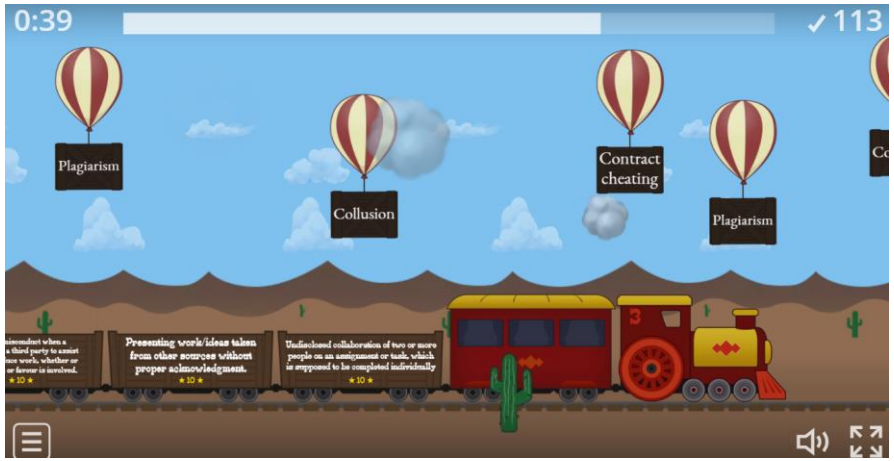
Small word based games to learn the terminology in a fun way





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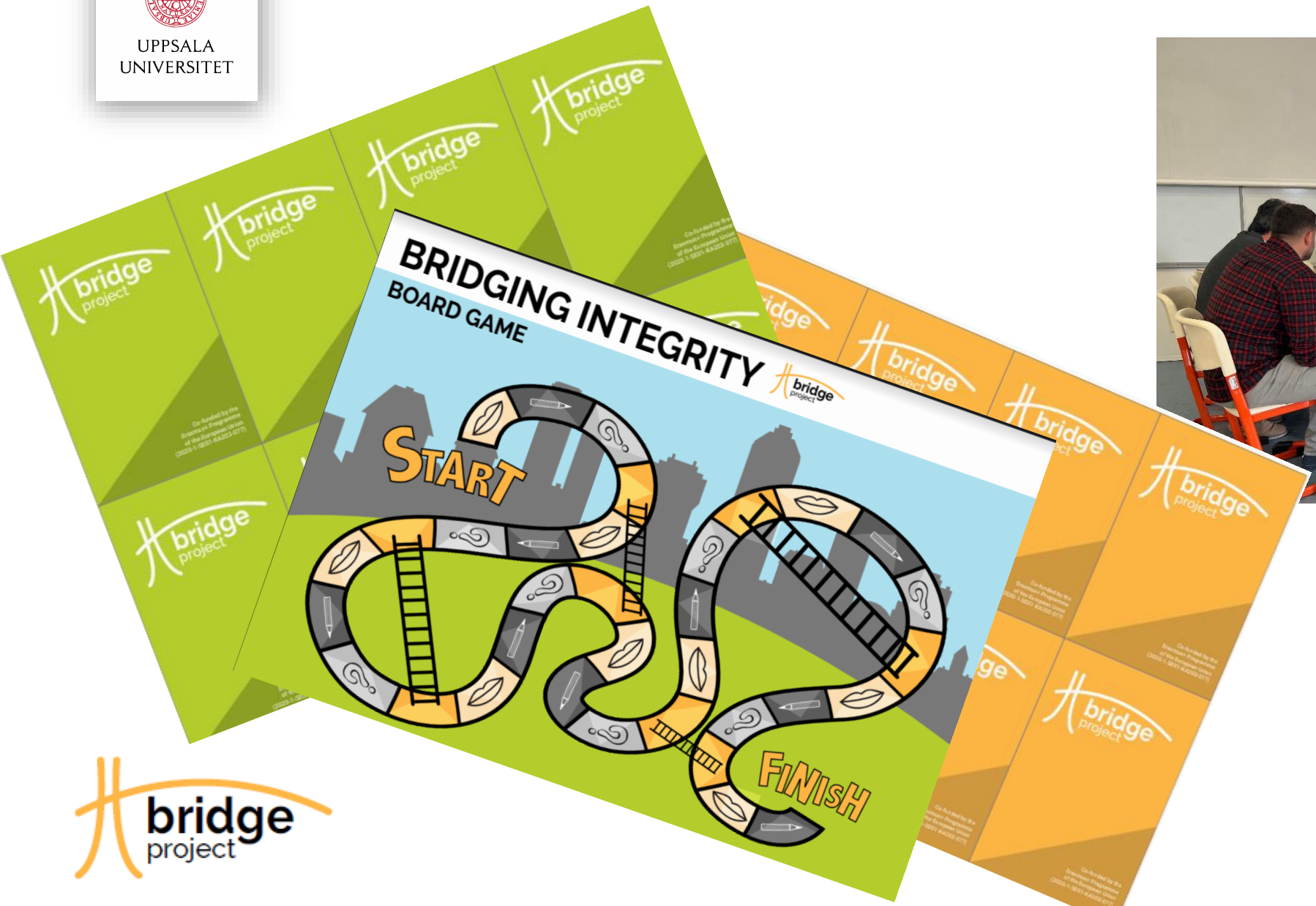
Discussion starter: BOARD GAME



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Co-creation of games:

getting participants in our LTTs creative

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GUIDELINES FOR INTEGRITY IN RESEARCH AND BUSINESS COLLABORATION

- *Acknowledgment:* authorship, contributorship, credit
- *Research conduct and reporting;* fabrication, falsification, plagiarism
- *Conflict of interests*, bias, competing interests

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Master students

Doctoral students

Supervisors

- Not only for business students
- Any type of collaboration with business world

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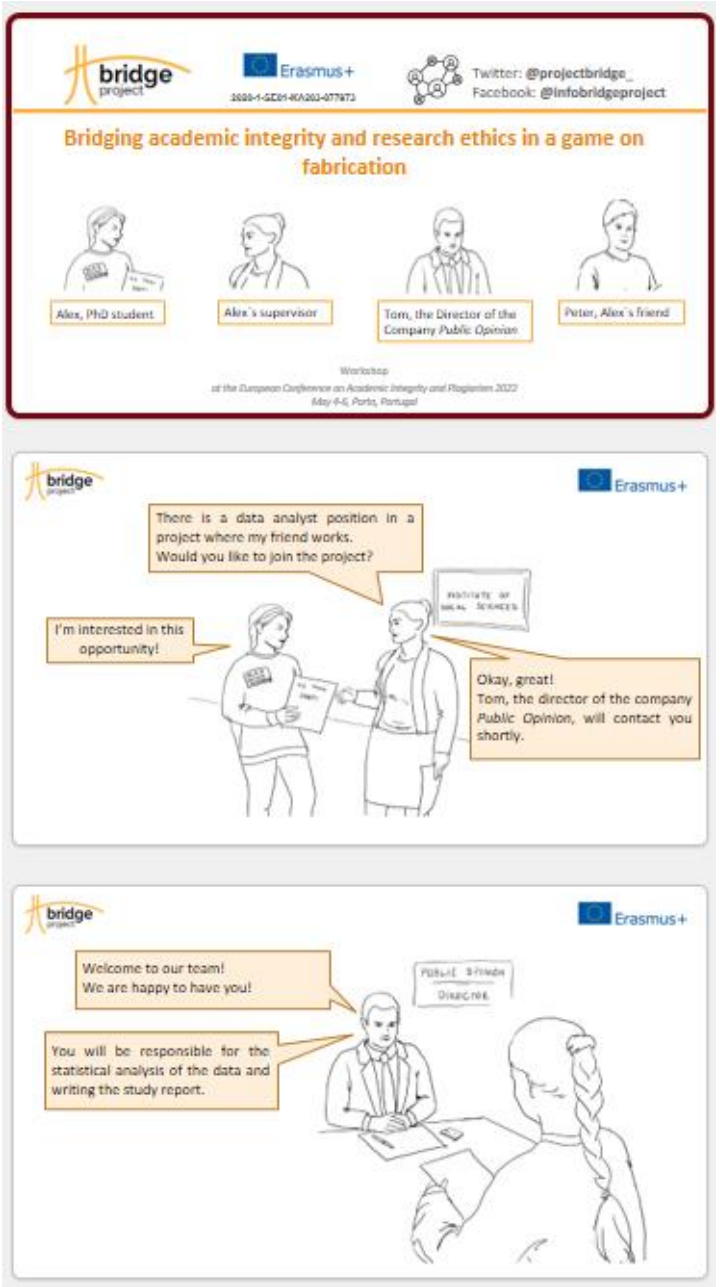

Multiple choice storytelling games:

Developing ethical thinking and seeing the consequences of the decisions through dilemmas

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What is citizen science?

- An umbrella term for research where laypeople are involved as co-researchers, usally as volunteers.
- Research *initiated by researchers*.
- Research *initiated by citizens.*
- Citizens can be involved in the data collection, but may also contribute to the formulation of research questions, study design and reports.
- Citizens may sometimes be co-researchers and research subjects at the same time.

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Why Citizen scientists choose to participate in CS?

- They find it rewarding to engage in a scientific project
- The specific project genuinely interests them
- They believe that the project might help bring about change or influence various stakeholders, including professional researchers and policy-makers.
- A family activity (as in the case of citizen science apps).

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Master students

Doctoral students

Supervisors

- Focus is on mainstream citizen scientists
- Limitation: extreme citizen scientists

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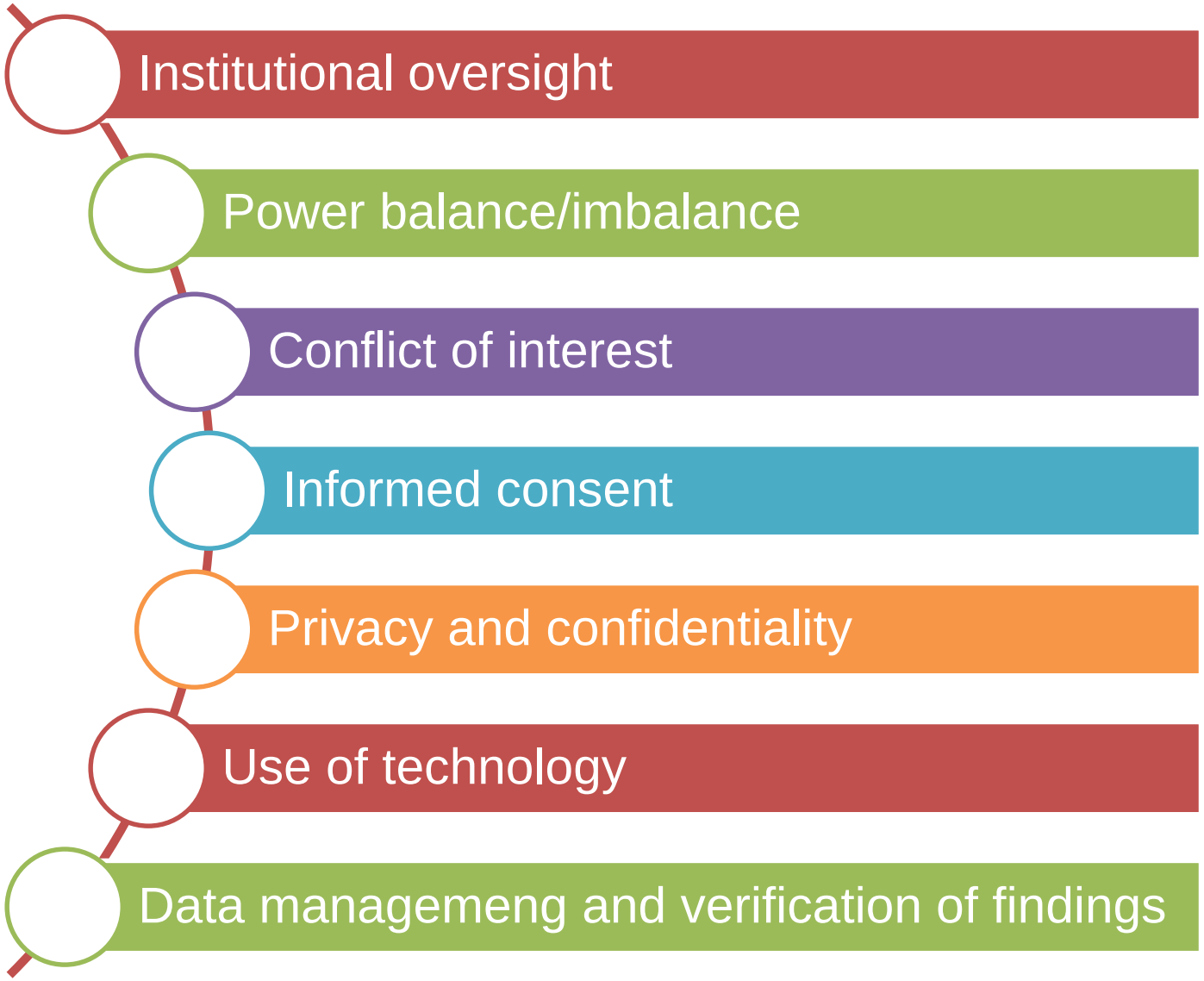
9 themes



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Informed Consent

Guideline #1

Whenever CS projects involve humans as citizen scientists and research subjects, informed consent should be obtained.

Guideline #2

In CS research, the appropriate protection of vulnerable groups must be ensured. Citizen scientists should benefit from knowledge, practices or interventions.

Guideline #3

It should be seriously considered what type of consent best fits CS.

Vignette: Informed Consent

- Andrea is a master student in linguistics who lives in a multicultural city and would like to find out what languages are used in the graffiti and stickers art in the public spaces in that city.
- Inspired by citizen science, she contacts a group of teenagers that are active graffiti artists and asks them to help her collect the photos of the graffiti and/or stickers and send her their exact GPS position, the time slot when the photo was taken, the name of the language, as well as the translation of the text. Most of them are teenagers active in a youth centre nearby. She also needs the contact information of her volunteers, as well as the information on their background and language proficiency in order to validate that their knowledge of the language is sufficient for her project.
- As she is taking help of people to obtain data for her research, her supervisor has explained that she needs an informed consent, so she writes a short form for her volunteers to sign. Although she might want to use the translations provided by the volunteers in a future doctoral study, she only states that the data will be used in her Master thesis.
- Both volunteers and Andrea are eager to start as soon as possible so she is happy that she gets the signatures without any further questions. One of the teenagers knows that his friend who is sick that day loves graffiti and would love to participate in her research, so he signs the informed consent for her as well.

1. As Andrea's research is not about the volunteering citizen scientists, but about graffiti and sticker art, she does not need an informed consent at all even though she follows the supervisor's requests.

2. As Andrea collects information on volunteers as well, such as their background, language skills, and GPS location she needs an informed consent. Her informed consent is sufficient for her Master thesis, but not for a Doctoral thesis but she renegotiates the consent using a dynamic informed consent. As her research involves children and adolescents as citizen scientists, she also needs to get a consent from their legal guardian.

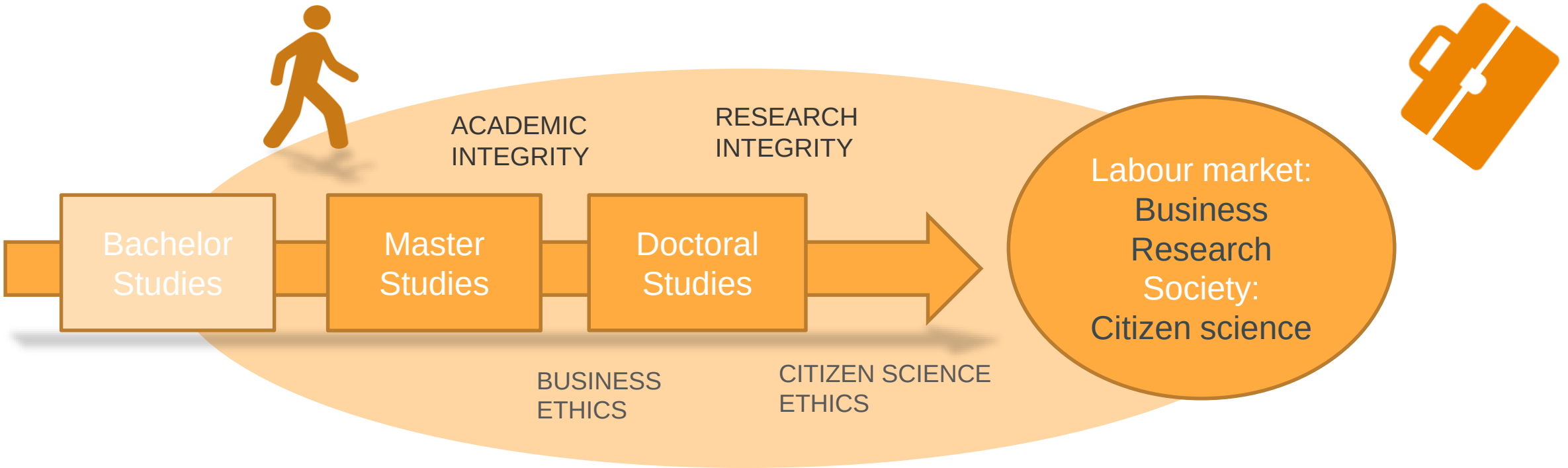
3. As Andrea collects information on volunteers as well, such as their background, language skills, and GPS location she needs an informed consent. Andrea needs to find out more how the informed consent should be formulated. The information provided about the research is not sufficient neither for her Master nor for a Doctoral thesis. As her research involves children and adolescents as citizen scientists, she needs to get consent from their legal guardian. She should not have accepted the informed consent signed for someone else.

4. Andrea needs to find out more how the informed consent should be formulated. Andrea should provide more information about the aims and methods of her research to those participating as citizen scientists in her thesis work. As her research involves children and adolescents as citizen scientists, she needs to get a consent from their legal guardian. It is ok to accept the informed consent signed for someone else as it can be confirmed later.

5. Andrea's informed consent is sufficient both for her Master and a Doctoral thesis. The second thesis is just a continuation of the first thesis, so she can use the same informed consent. Informed consent is important in this case as she collects the information about her volunteers as well. Andrea's informed consent is sufficient as all of her volunteers are older than 12. It is ok to accept the informed consent signed for someone else as it can be confirmed later.

Three bridges

1. Academic Integrity and Research Integrity
2. Academic Integrity and Business Ethics
3. Academic Integrity and Citizen Science Ethics



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PROJECT OUTPUTS

Co-funded by the Erasmus+ Programme of the European Union

2020-1-SE01-KA203-077

Bridging Integrity in Higher Education, Business and Society

SCAN ME

https://dev.academicintegrity.eu/wp/bridge/

- Checklists
- Guidelines
- Open educational resources
- Gamified cases
- Workshops
- Webinars

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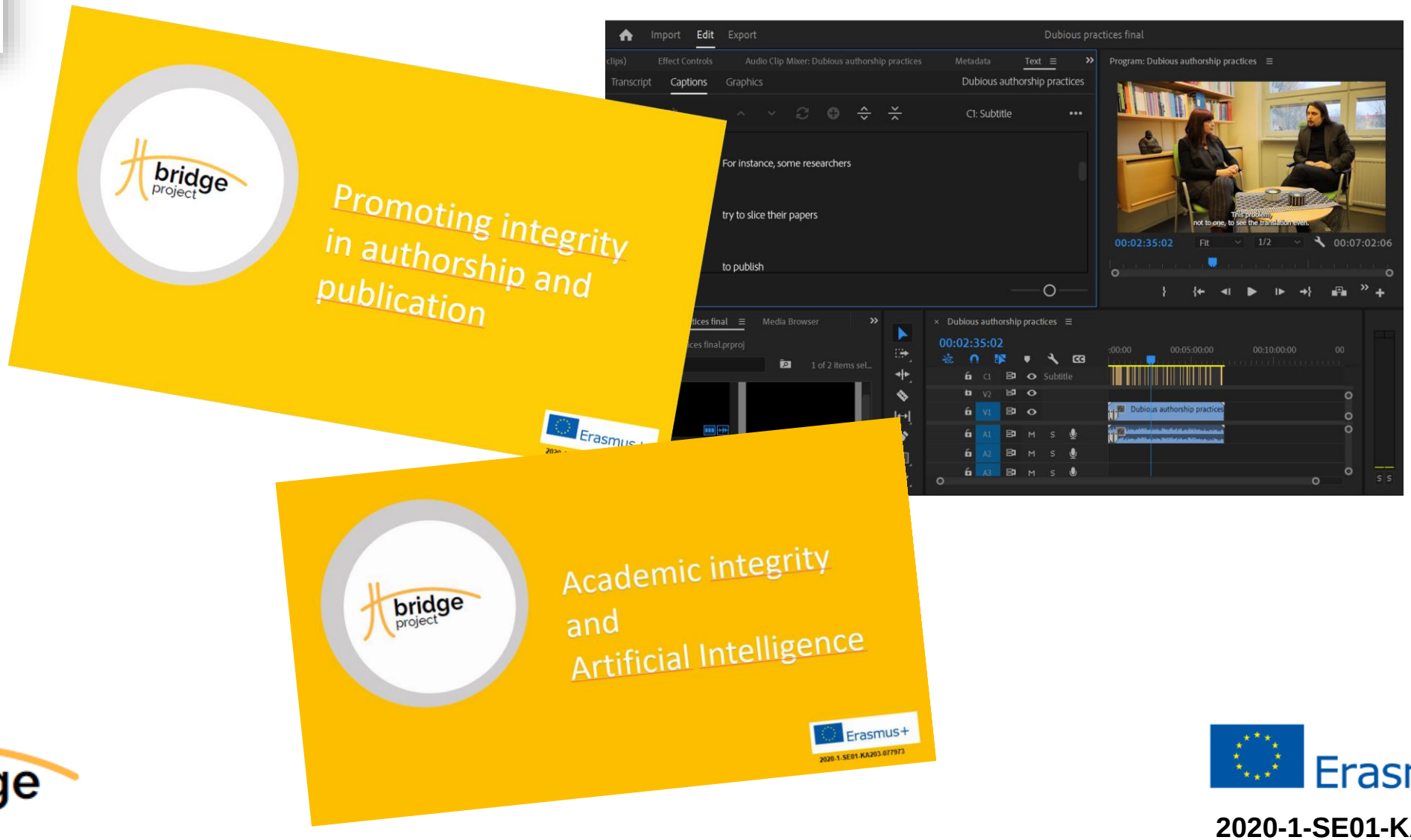
Modules – video, documents, quiz, games



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2nd Multiplier BRIDGE Event

One-day conference co-organized by:

Kherson National Technological University (Ukraine)

Uppsala University (Sweden)

18th May 2023

Venue: zoom

International conference on integrity in higher education, business and society

Co-funded by the Erasmus+ Programme of the European Union (2020-1-SE01-KA203-077)

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THANK YOU!

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bridge project

Website: http://www.academicintegrity.eu/wp/bridge/

Twitter: projectbridge_
Facebook: infobridgeproject

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