

GRADUATE

THE 71 MODEL

@GabiLipan











Psychology & Human Factors

W H A T A R E

GRADUATE ATTRIBUTES?



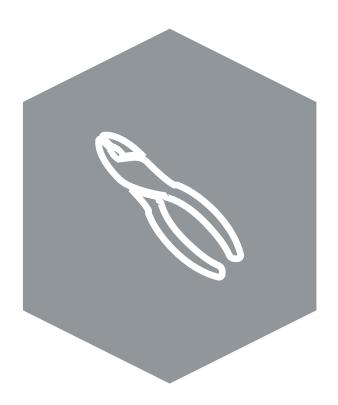




PERSONAL ATTRIBUTES



VALUES AND ATTITUDES



SKILLS

TIMELINE

THE CONTEXT OF HIGHER EDUCATION IN THE UK

There are 4 key events that influenced the graduate attributes agenda in the UK.



END OF THE BINARY SYSTEM

Dearing (1997)

Increasing overlap between universities and polytechnics.

The Further and Higher Education Act granted university status to 35 polytechnics and to other institutions.

1992

This marked the end of the binary system.

THE DEARING REPORT

Dearing (1997)

Remembered for changes in tuition system.

Encourages partnerships between universities and industry.

Discusses the importance graduate attributes.

1997

Apart from the key skills of communication, numeracy and capability in communications and information technology, those in work increasingly need to be able to be flexible and adaptable, to work in teams, and to manage their own development and career. Dearing (1997, p. 75)

GAS INTRODUCED IN ENGLAND

By the Higher Education
Funding Council for England.

1992

1997

2003



GAS INTRODUCED IN SCOTLAND

1992

1997

2003

2008

By the Scottish Funding
Council: The Scottish Quality
Enhancement Framework.

PRESENT

CURRENT SITUATION

Most universities have graduate attributes.

Most used implementation strategy: Curriculum Mapping.

A skills-gap is still frequently reported (Arslan, 2018).

Progress has been 'slow' and 'patchy' (de la Harpe, 2012).

1992

1997

2003

2008

NOW

WHY IS PROGRESS SLOW?

STAFF'S VIEW OF GRADUATE ATTRIBUTES MATTERS
(Barrie, 2006)

UNIVERSITIES SHOULD OFFER STAFF MORE TRAINING (Green et al., 2009)

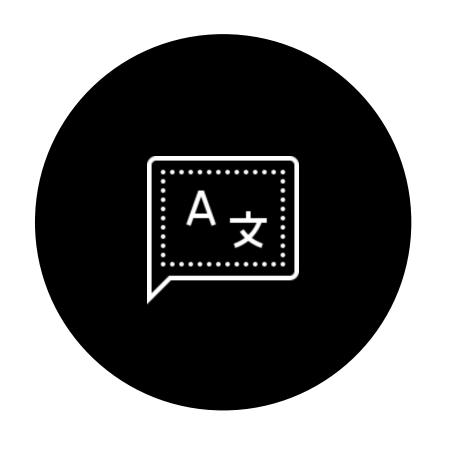
CULTURAL DEVELOPMENT WITHIN INSTITUTIONS IS NEEDED (Green et al., 2009)

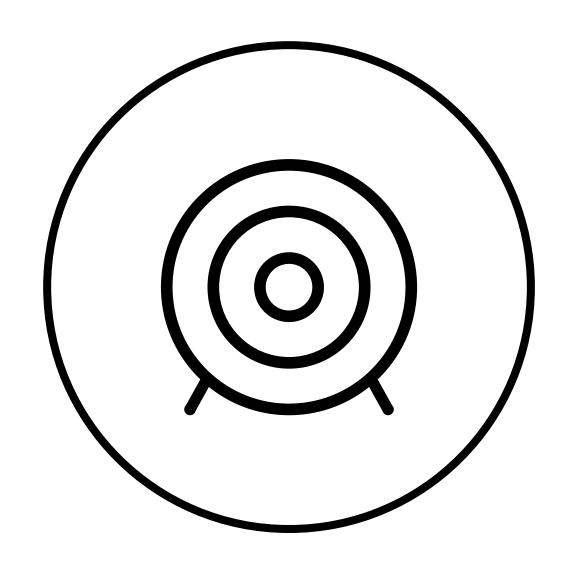
WE DON'T HAVE A STANDARD FOR GAS

WE DON'T HAVE A STANDARD FOR GAS



STUDY 1 OUR AIM



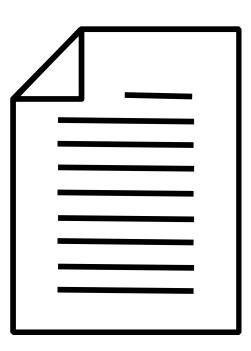




DEVELOPING A MODEL OF GRADUATE ATTRIBUTES

STUDY 1 METHOD

OUR DATASET

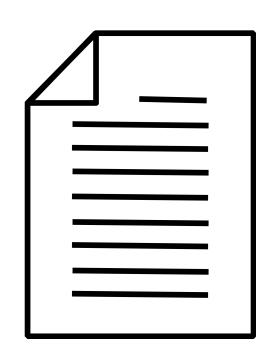


2

LISTS OF
GRADUATE
ATTRIBUTES
FROM ACROSS THE UK

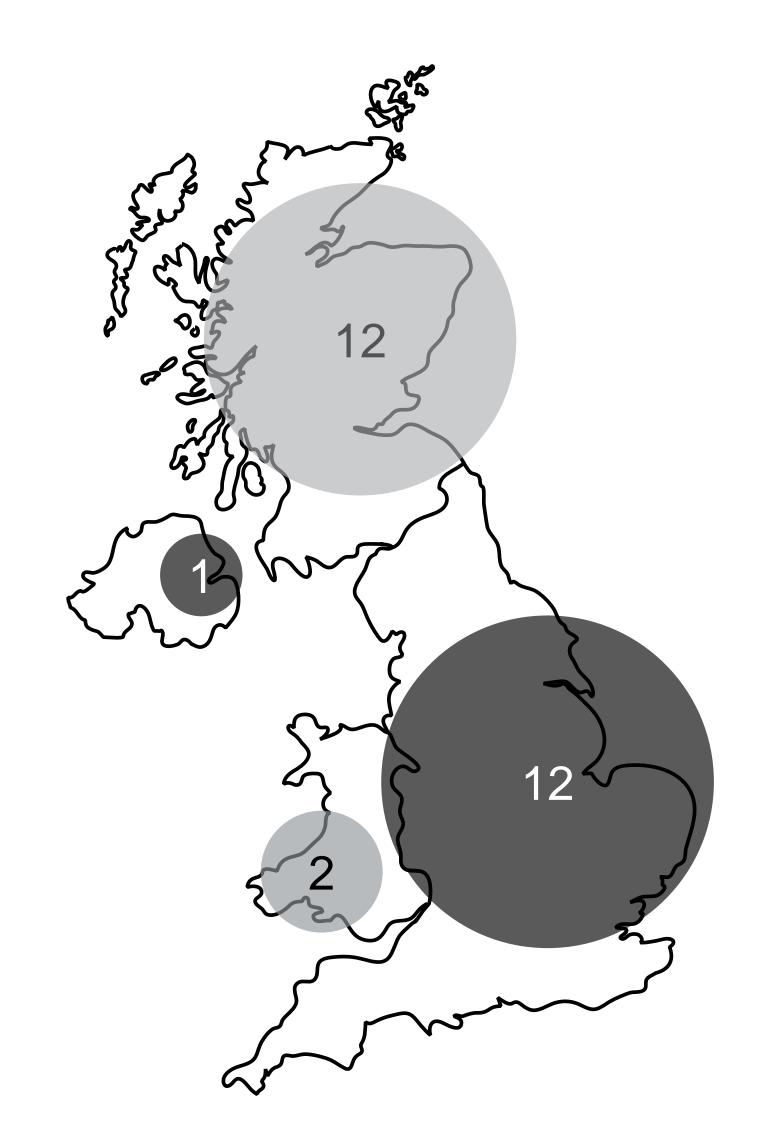
STUDY 1 METHOD

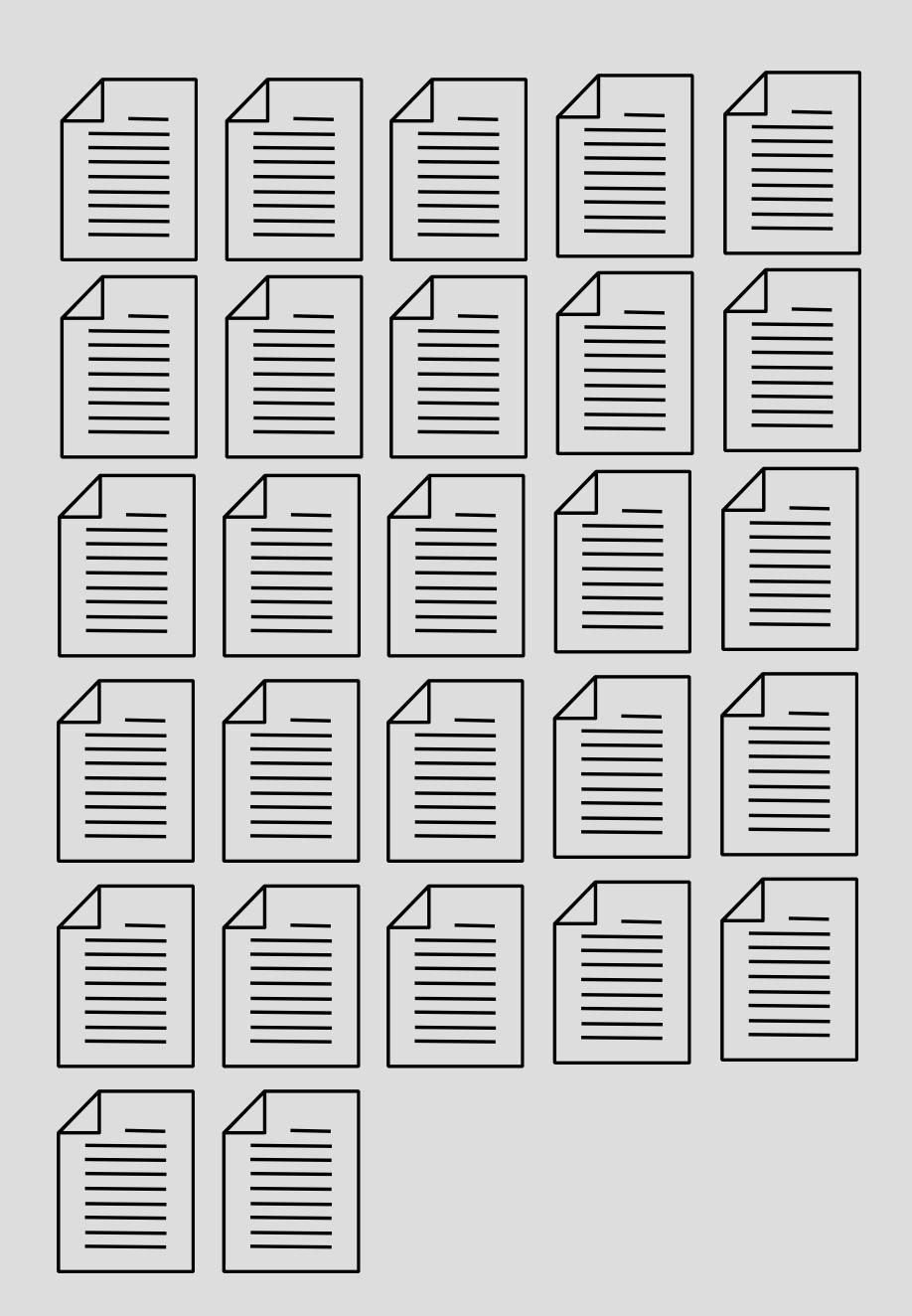
OUR DATASET



2

LISTS OF
GRADUATE
ATTRIBUTES
FROM ACROSS THE UK





CONTENT ANALYSIS





"An openness to, and an interest in, life-long learning through directed and self-directed study."

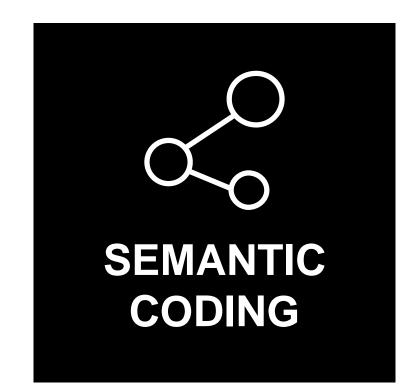
"Be equipped and motivated to continue learning and professional development throughout their careers."

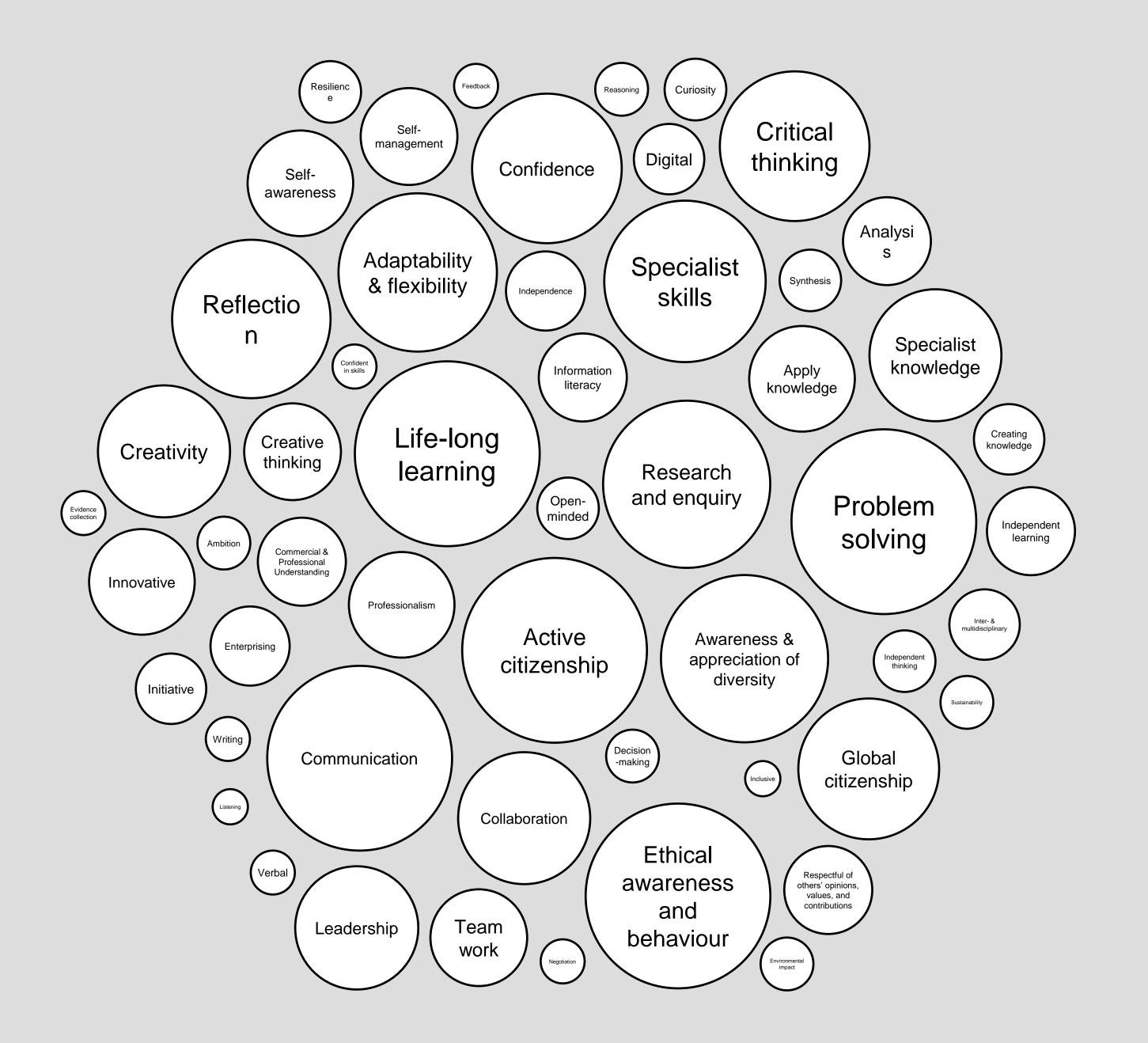
Life-long learning

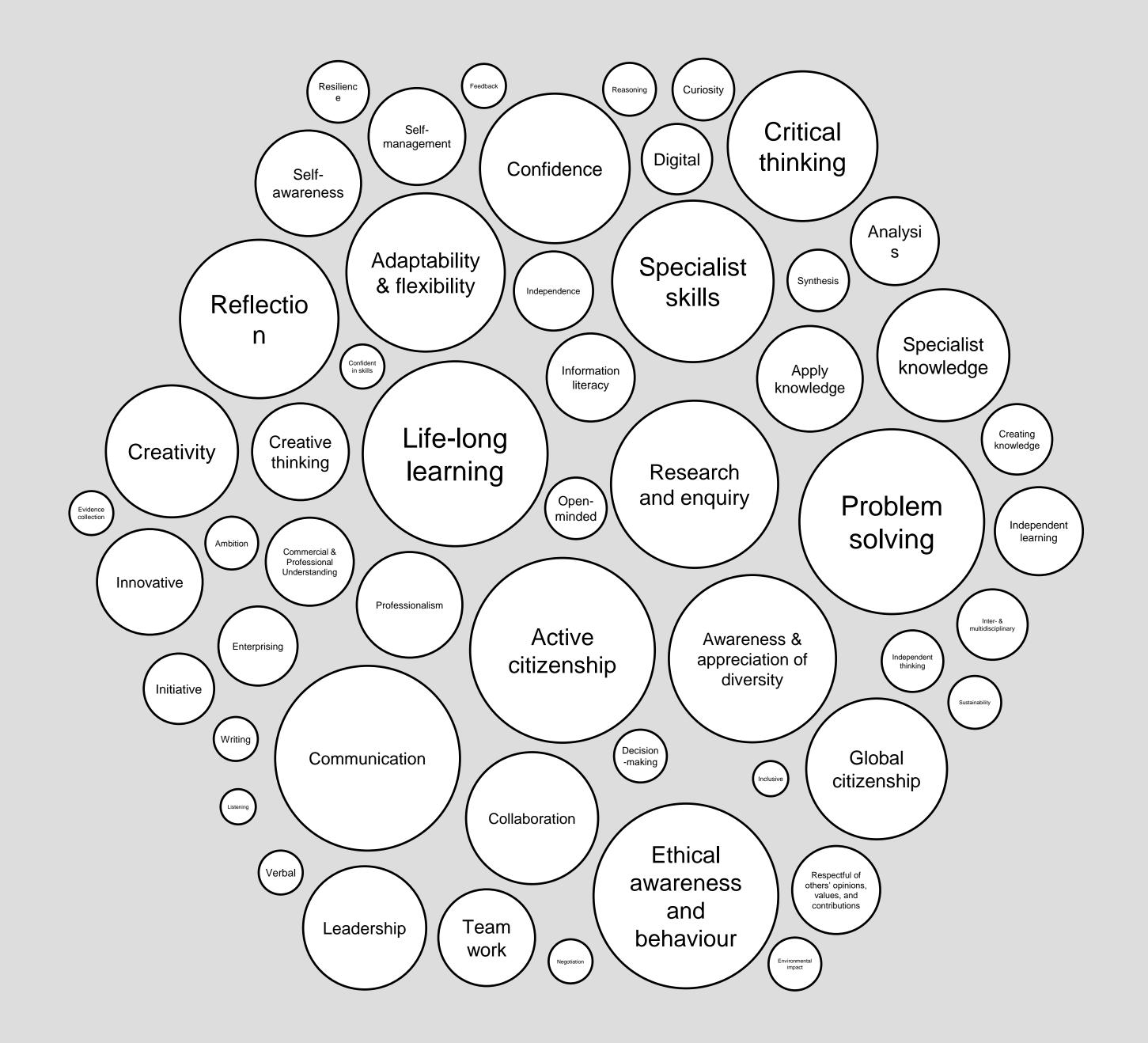
STUDY 1 METHOD CONTENT ANALYSIS

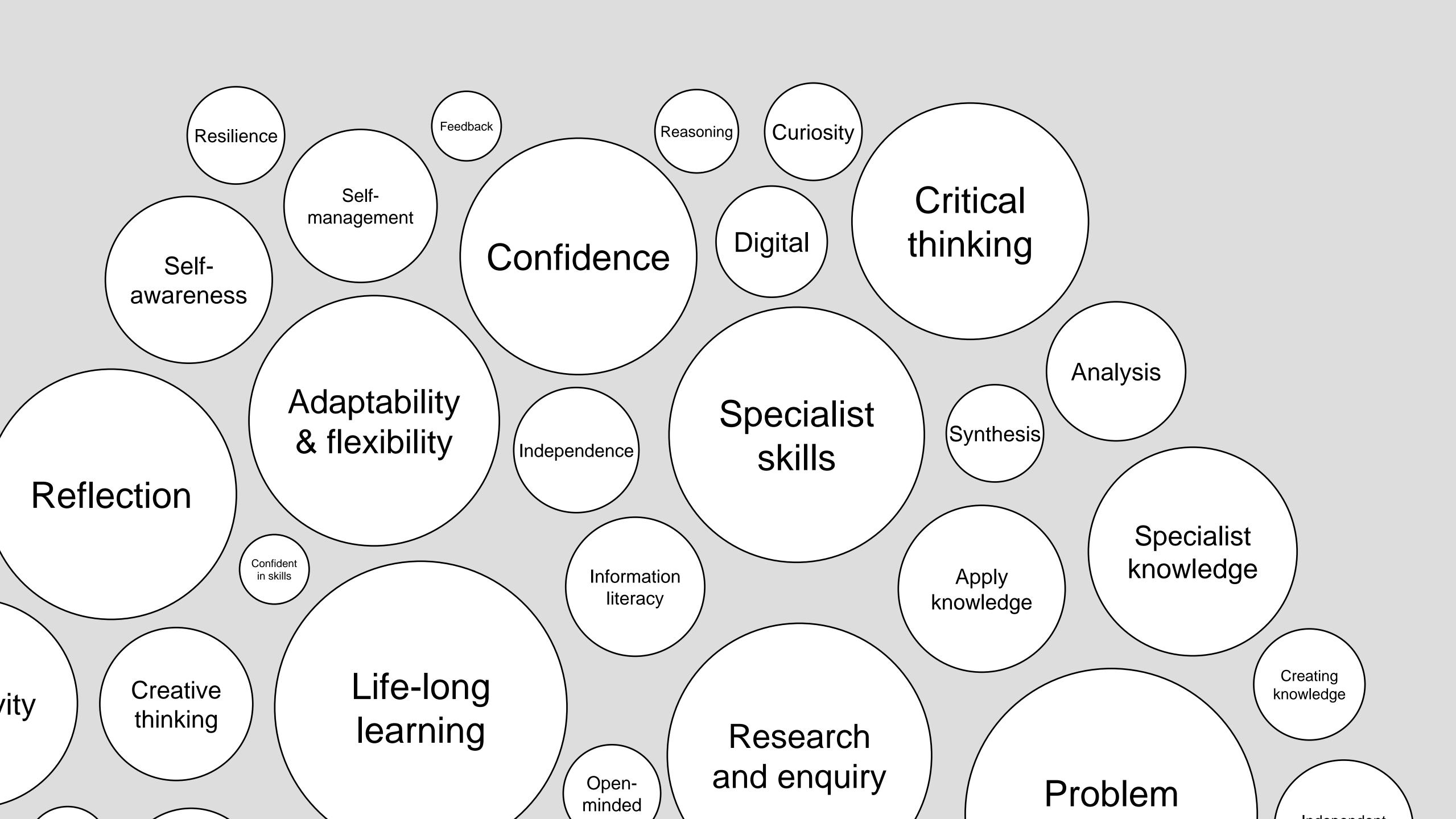


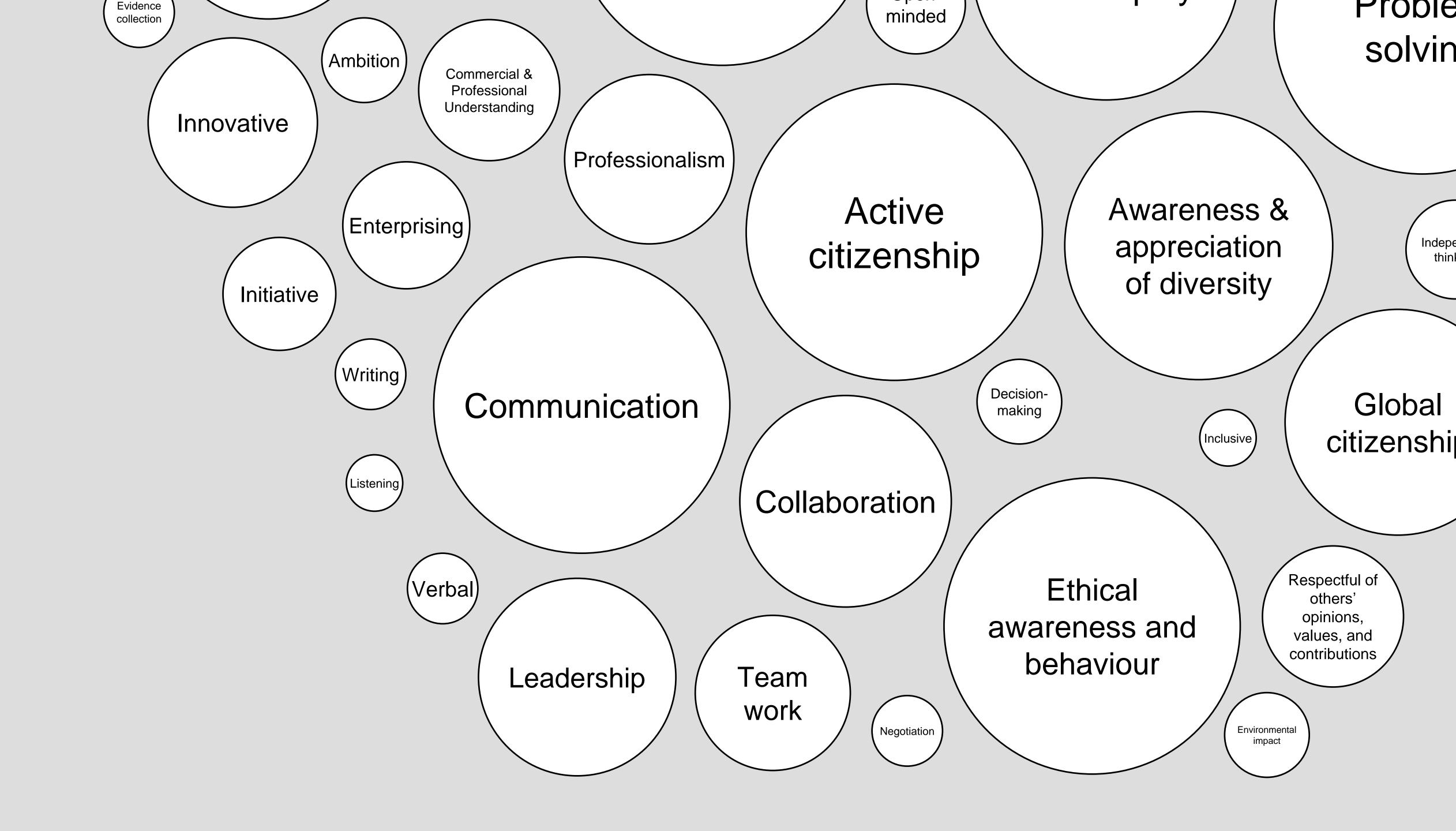




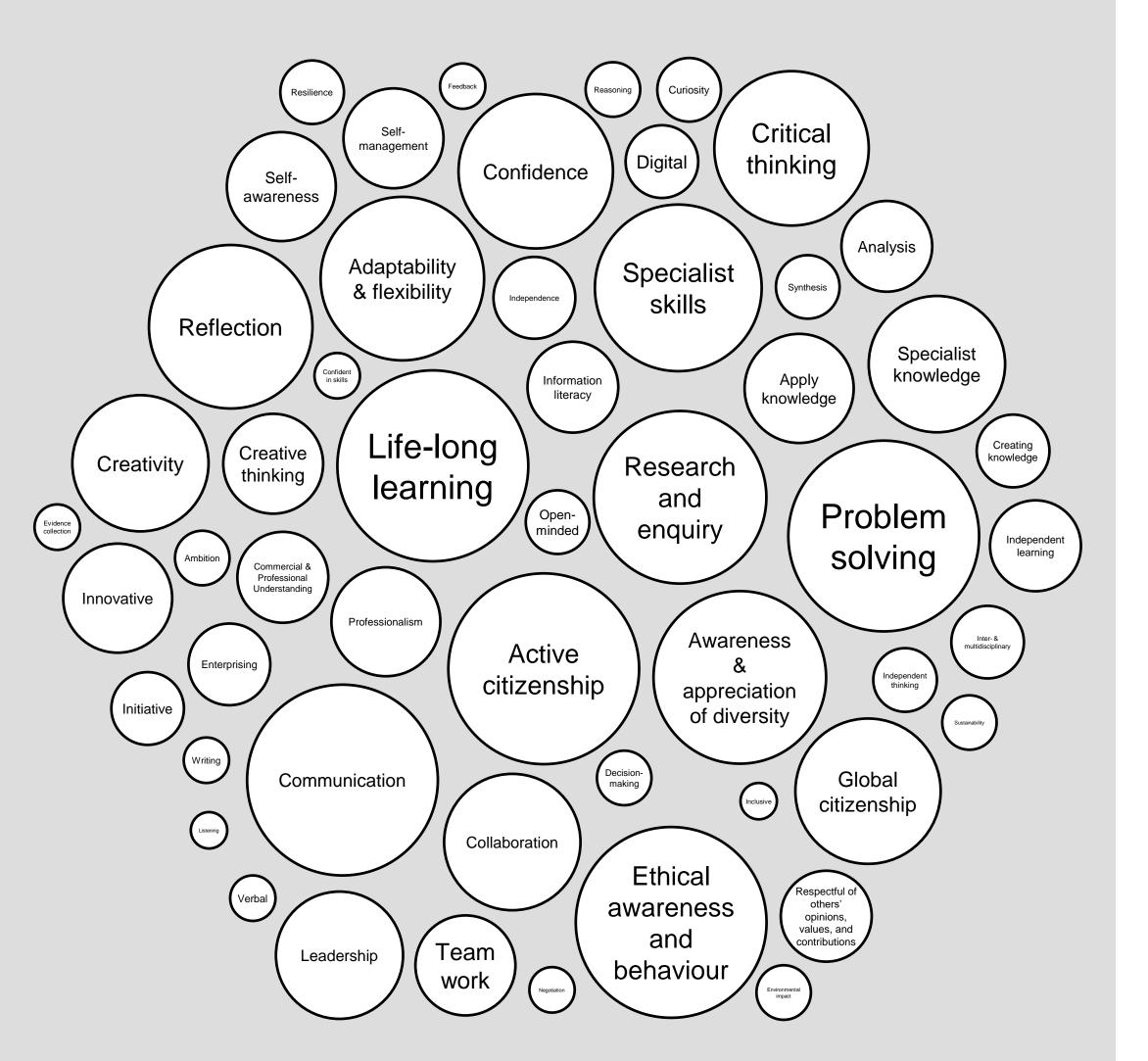








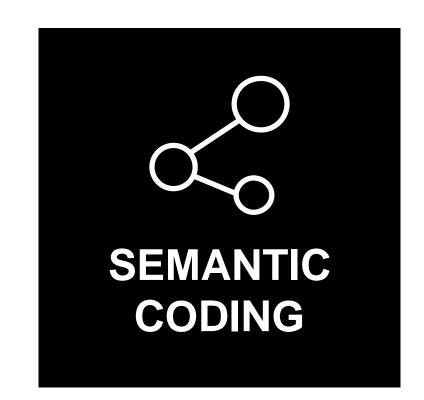


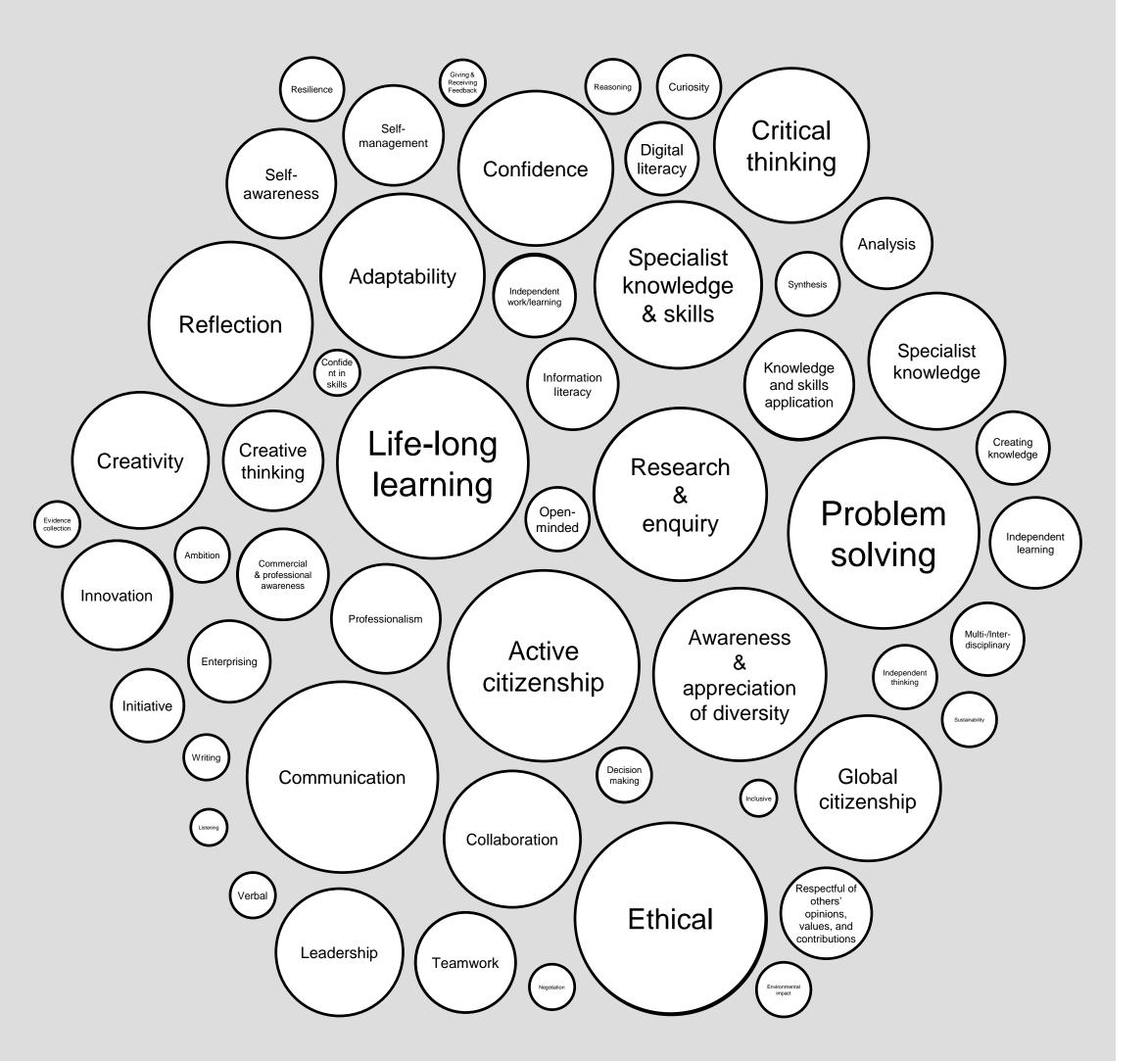


STUDY 1 METHOD CONTENT ANALYSIS





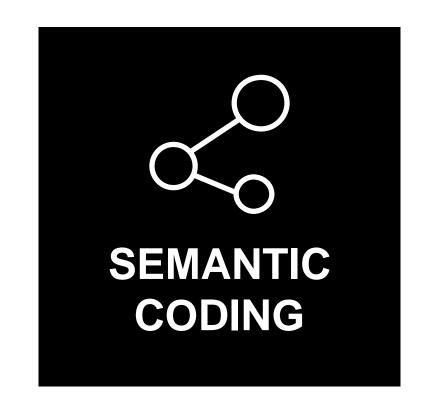




STUDY 1 METHOD CONTENT ANALYSIS

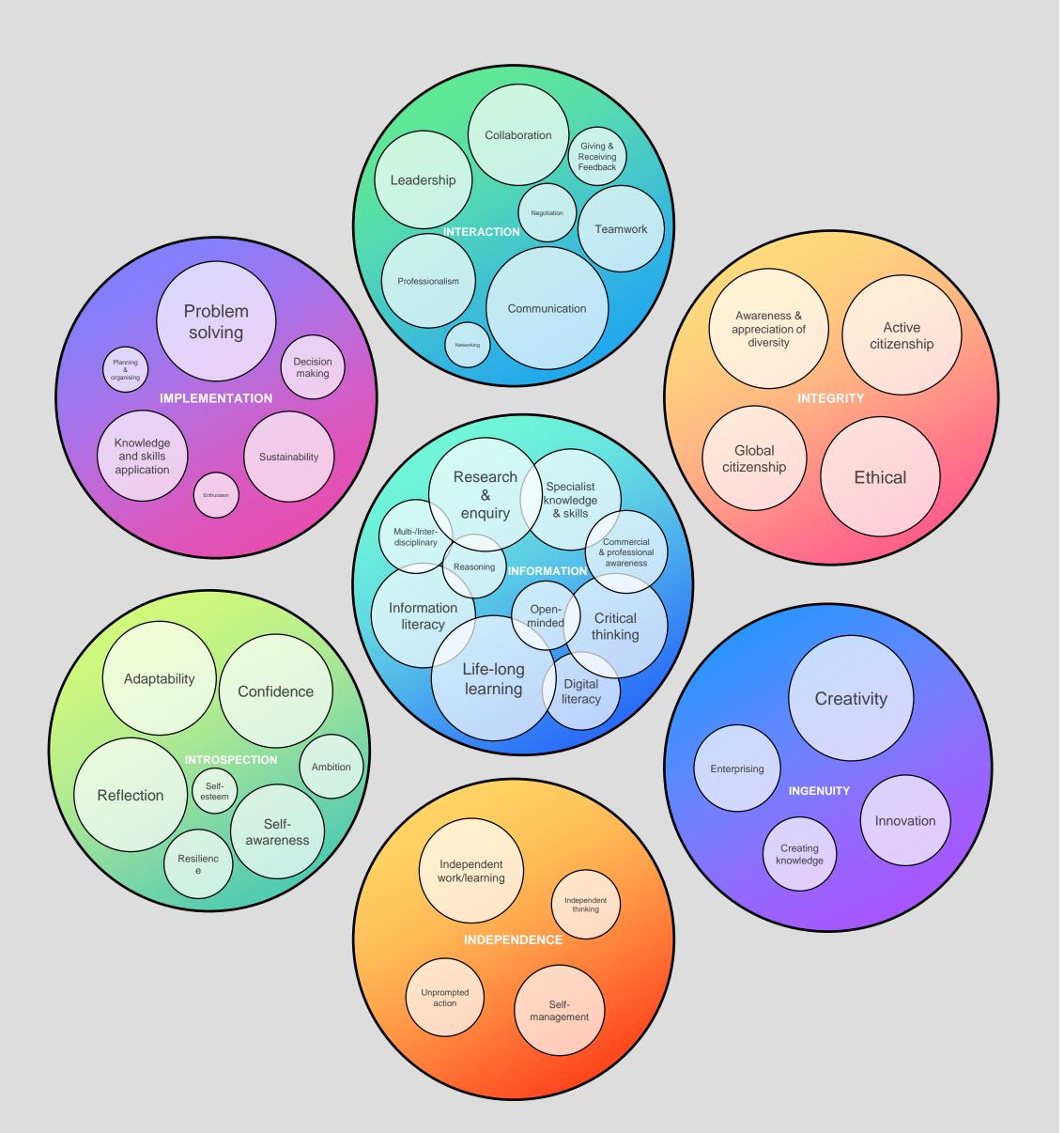








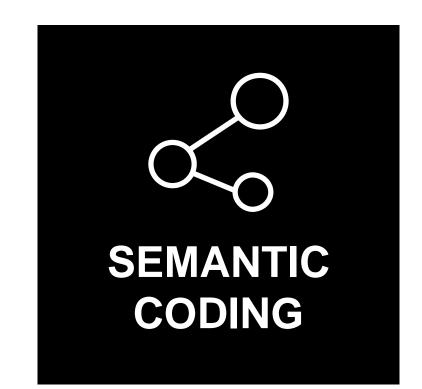


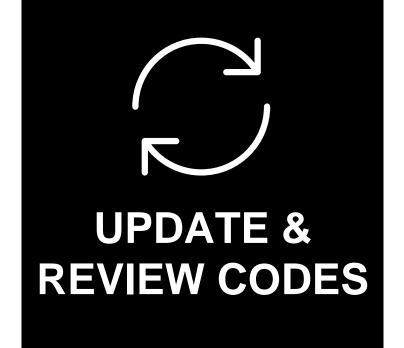


CONTENT ANALYSIS





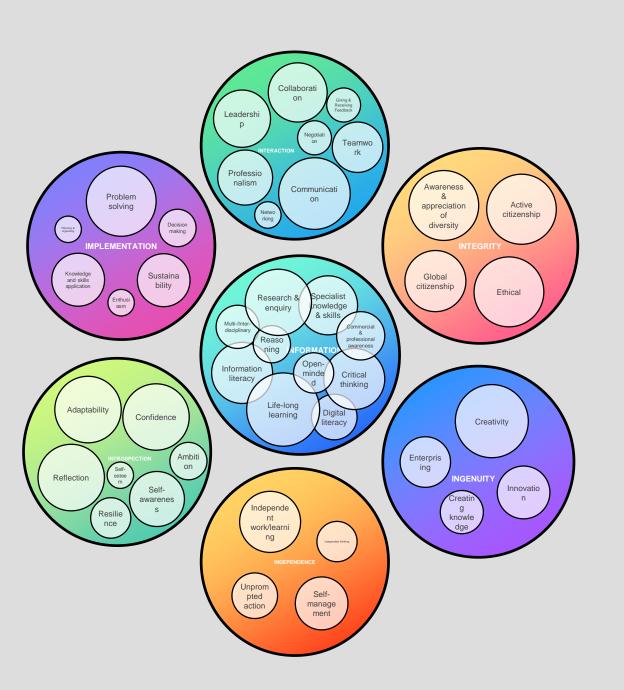




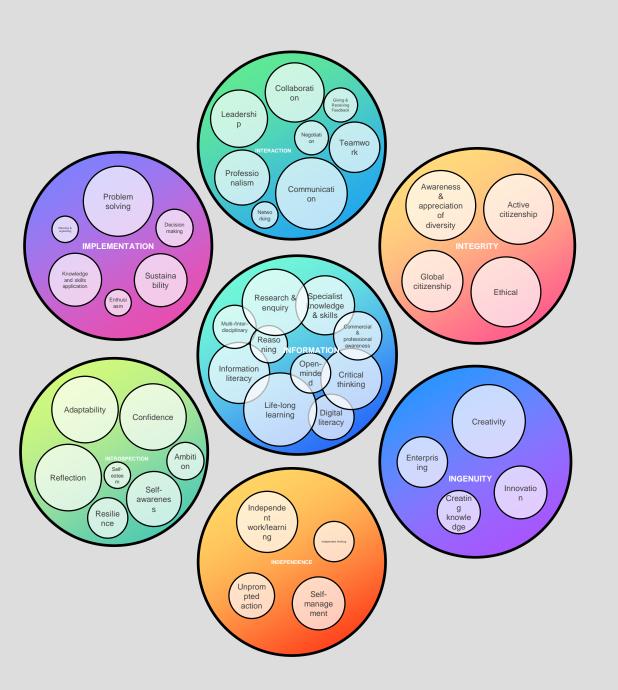




RESULTS



RESULTS



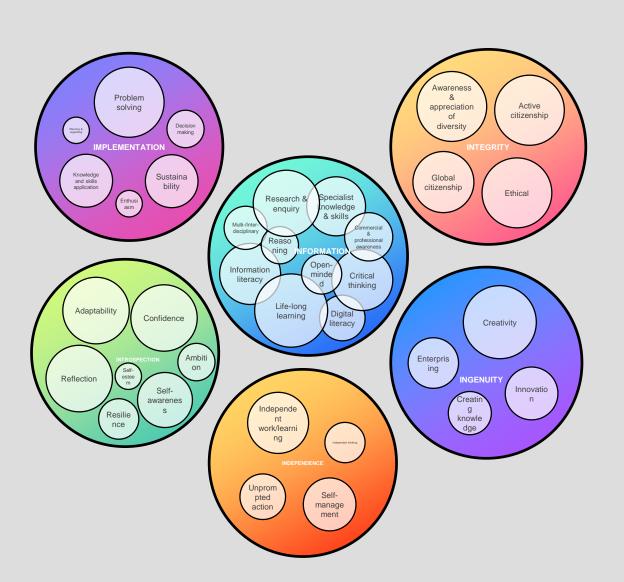
RESULTS

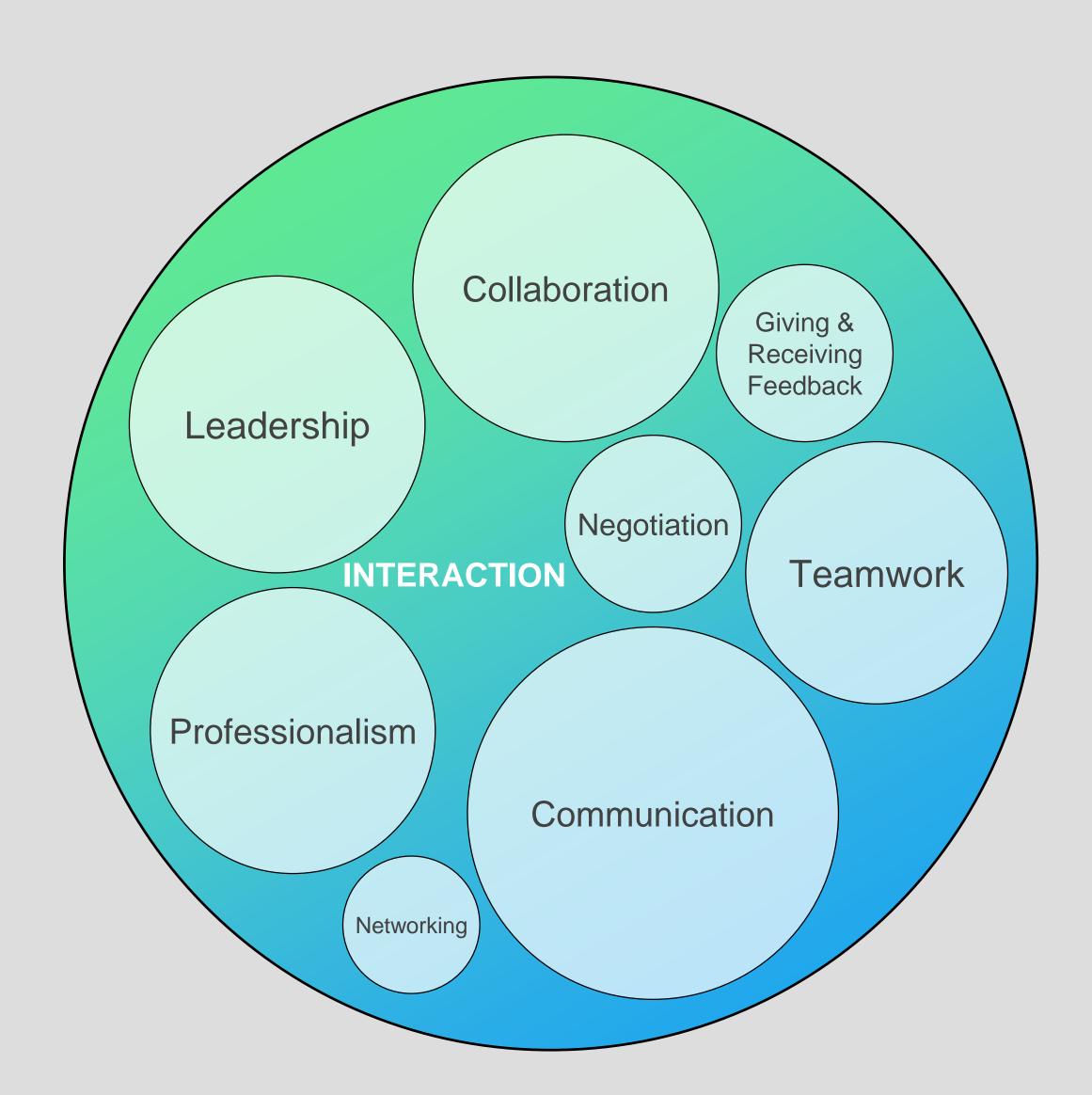
Number of universities mentioning

24/27

Number of total mentions

138







Interacting and working with others.

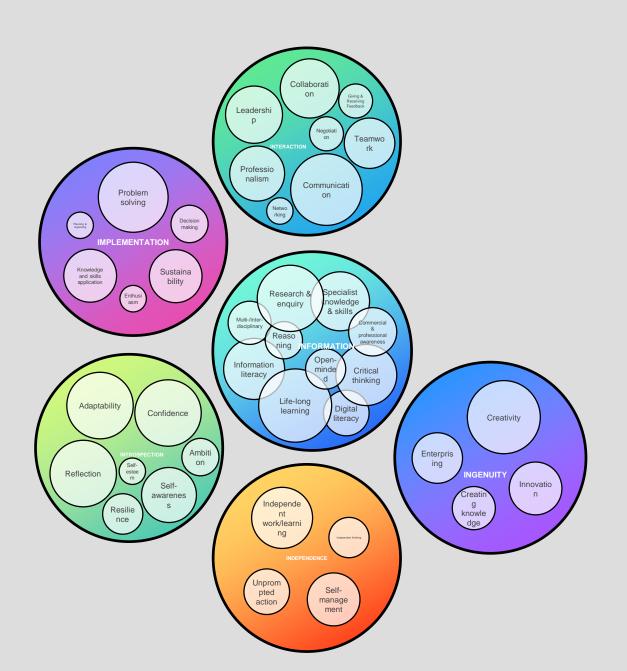
RESULTS

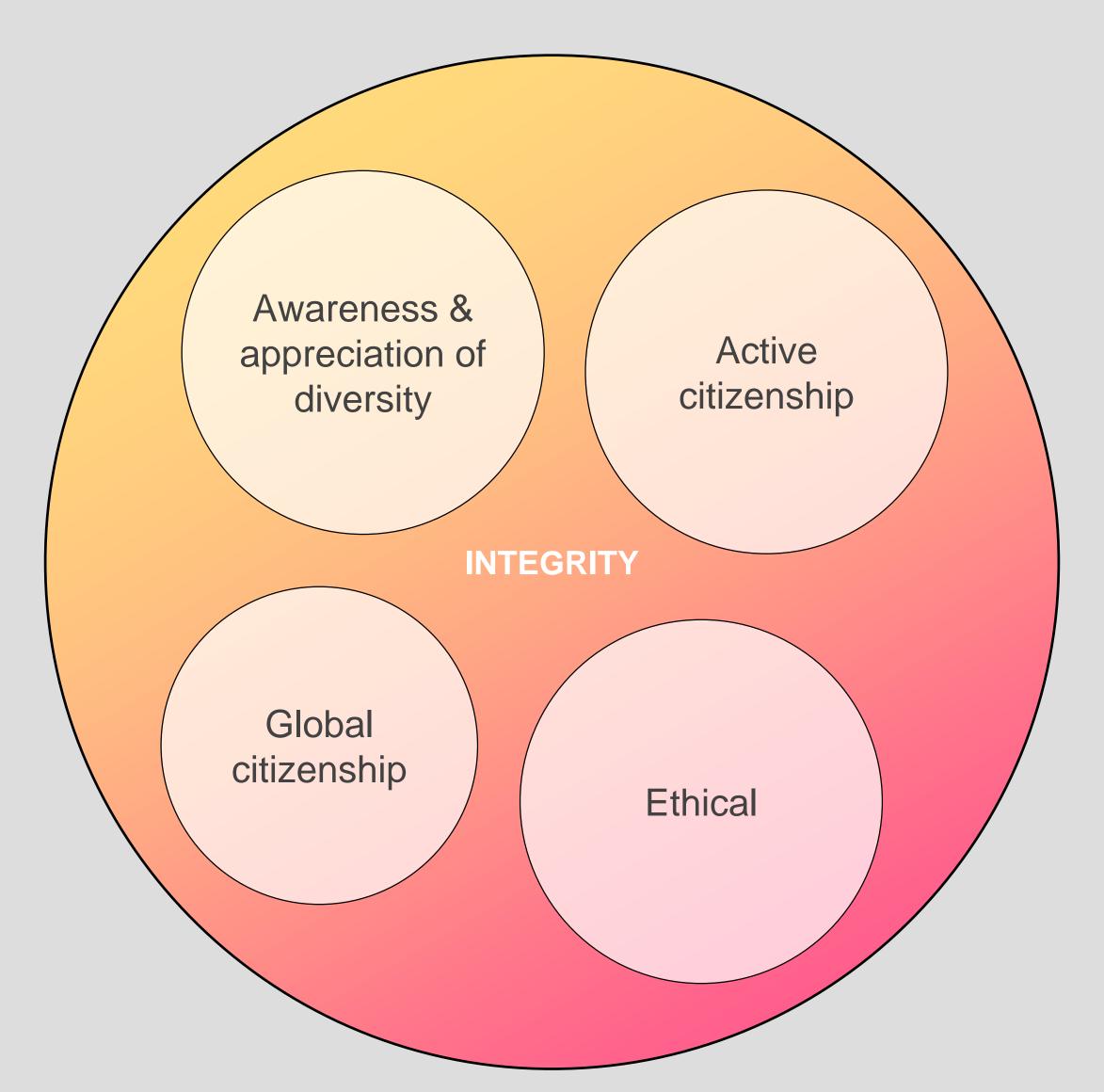
Number of universities mentioning

26/27

Number of total mentions

138







Having a strong moral compass, an awareness and respect for diversity, and displaying a willingness to get involved for the good of the community at local, national and international levels.

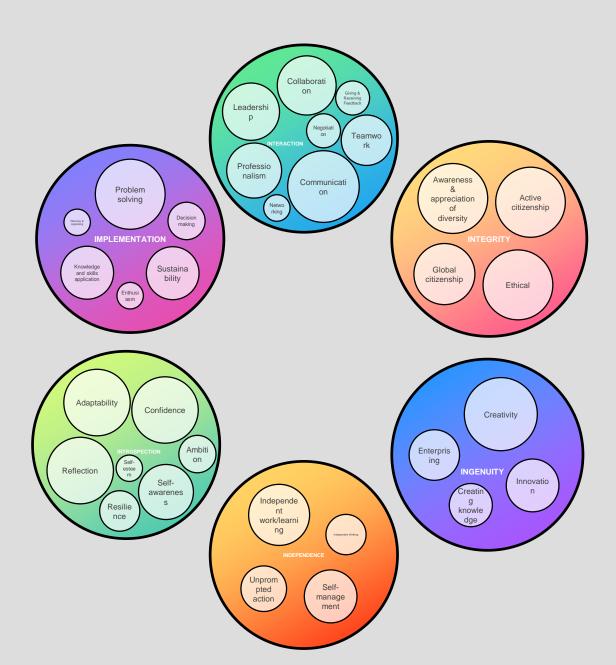
RESULTS

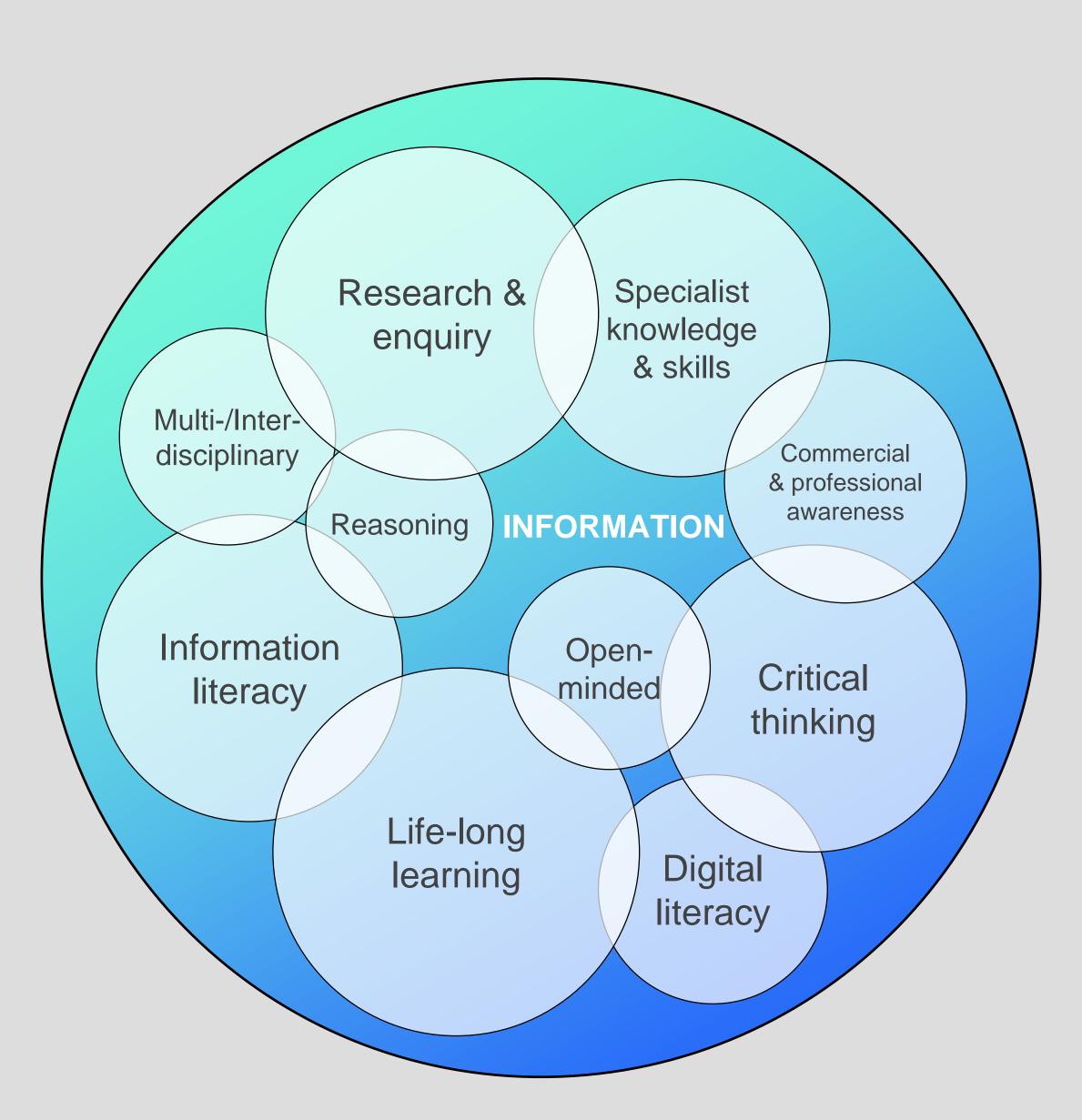
Number of universities mentioning

27/27

Number of total mentions

203







Knowing, managing, and acquiring information.

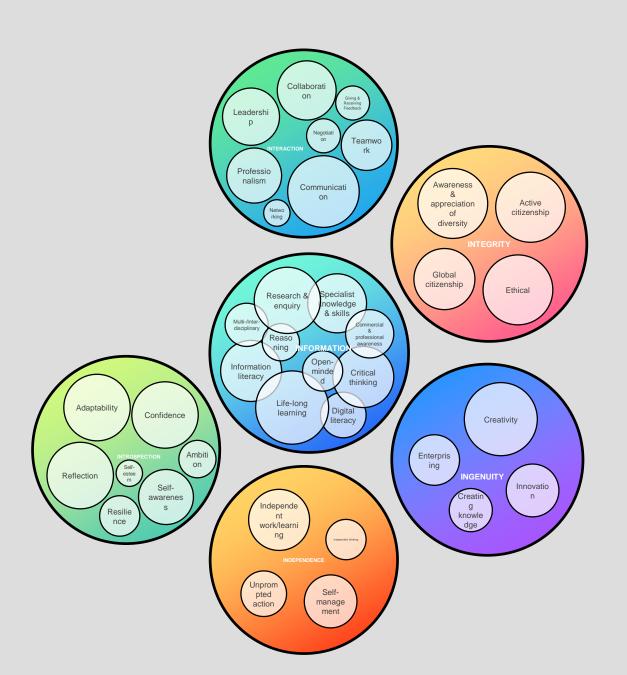
RESULTS

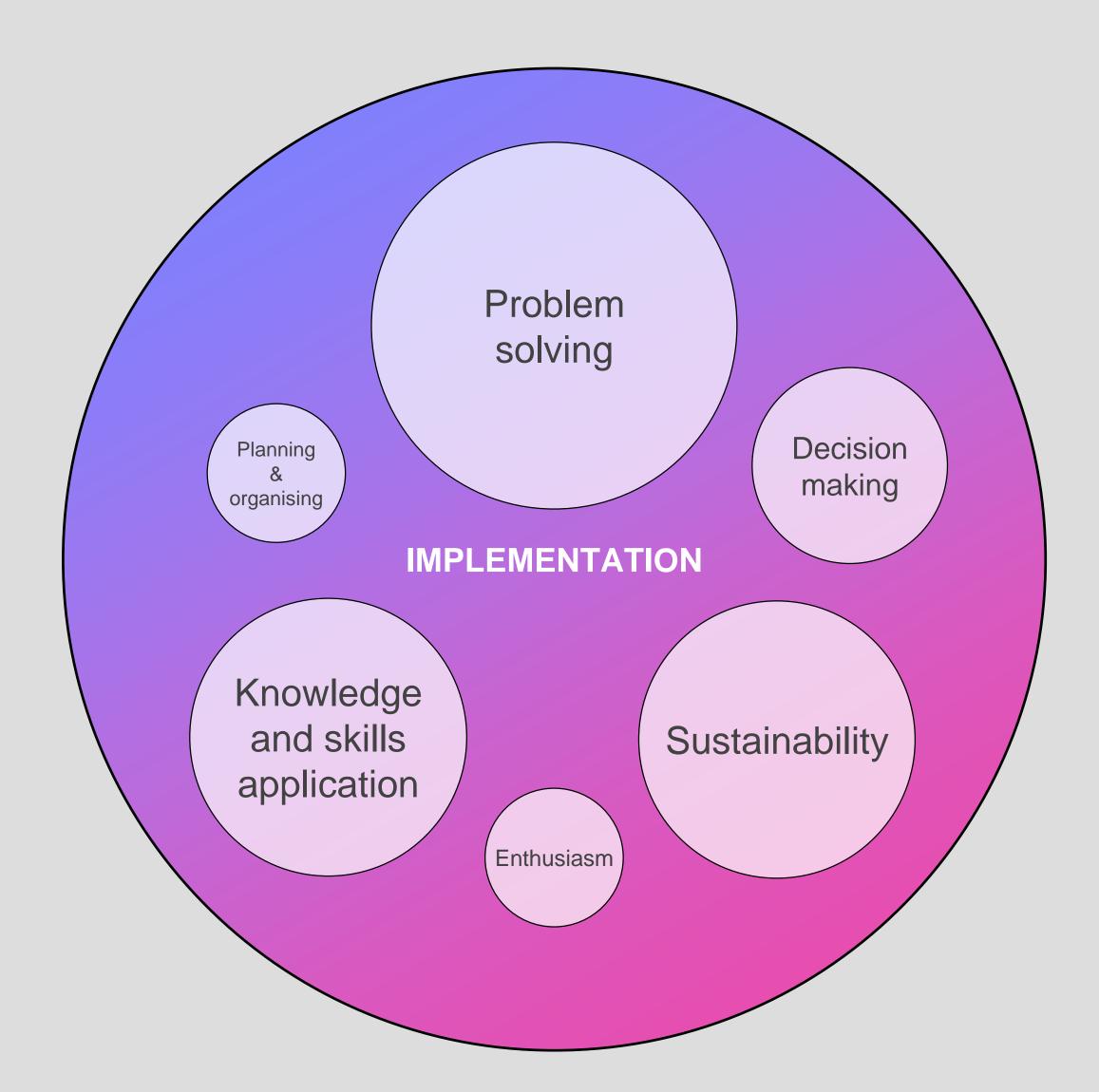
Number of universities mentioning

24/27

Number of total mentions

93







Solving problems and putting plans and decisions into effect.

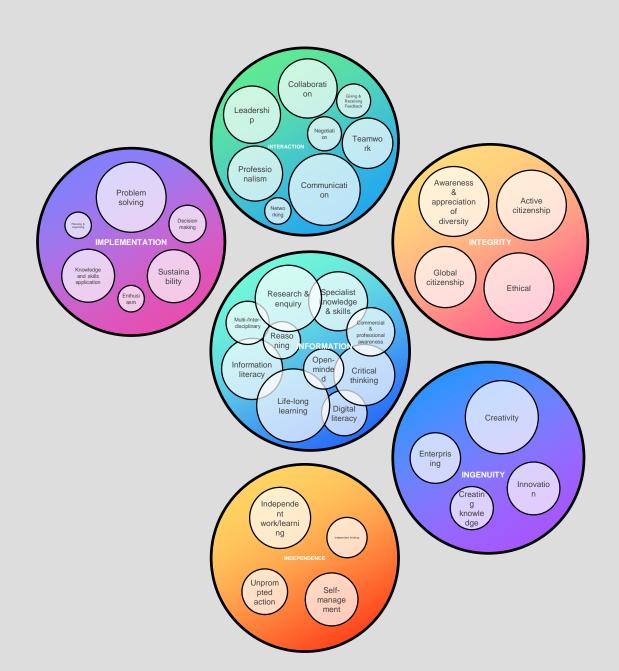
RESULTS

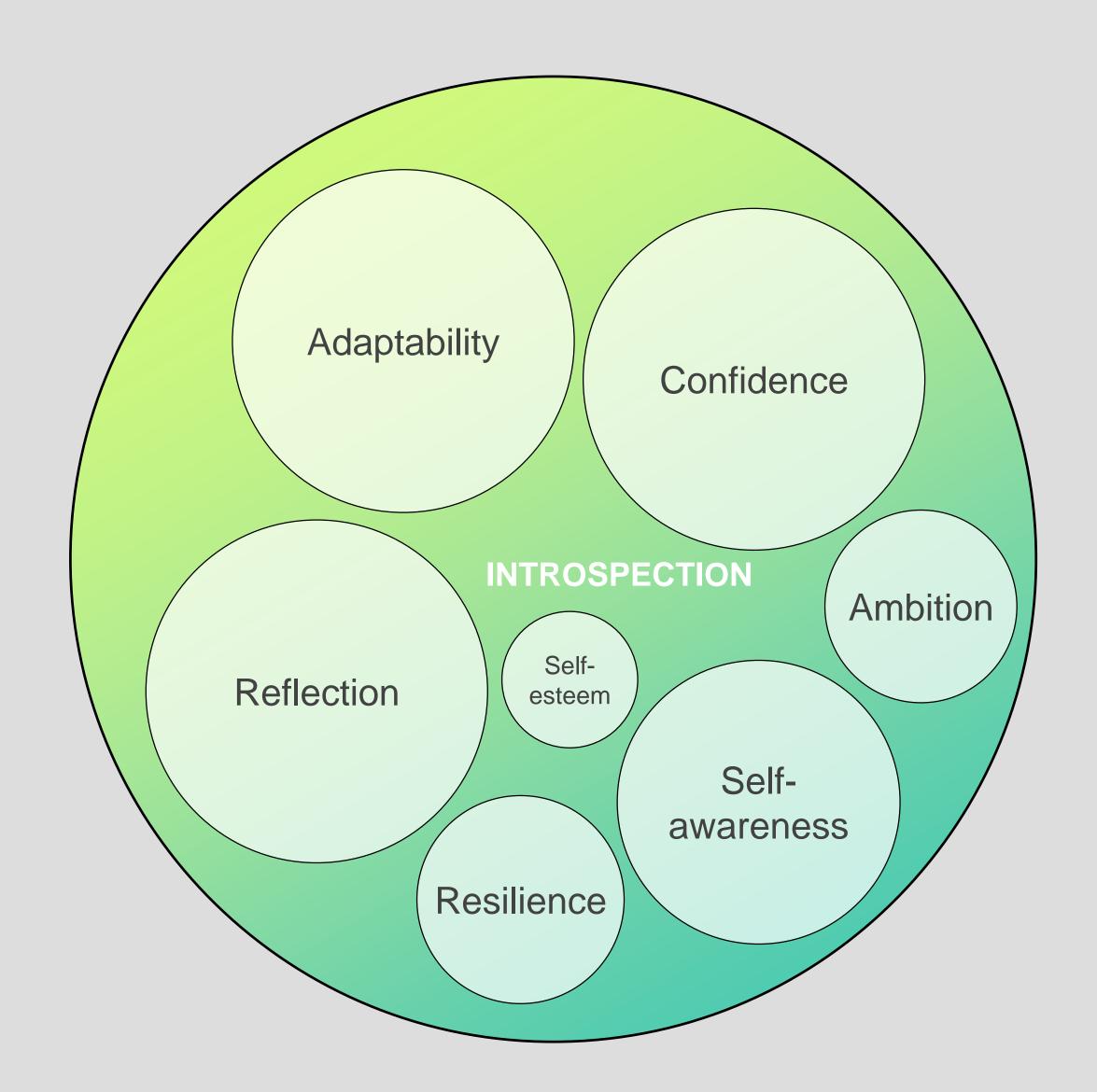
Number of universities mentioning

24/27

Number of total mentions

135







Knowing oneself, appreciating one's own value, and being able to adapt and change.

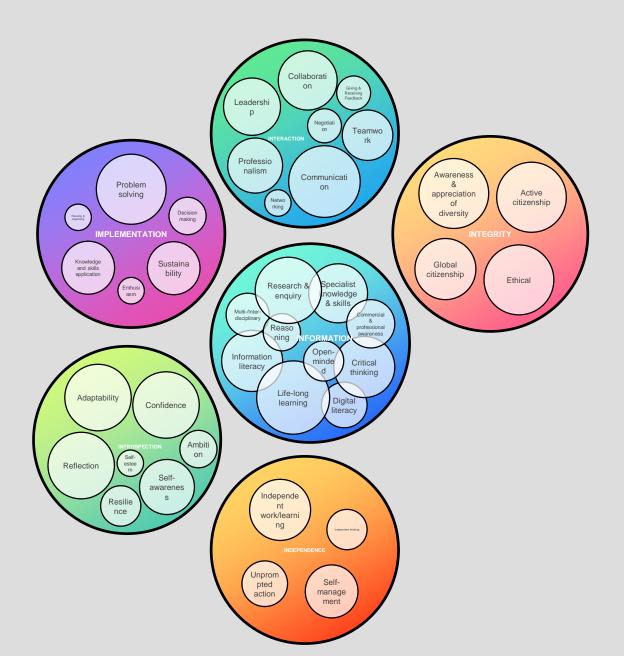
RESULTS

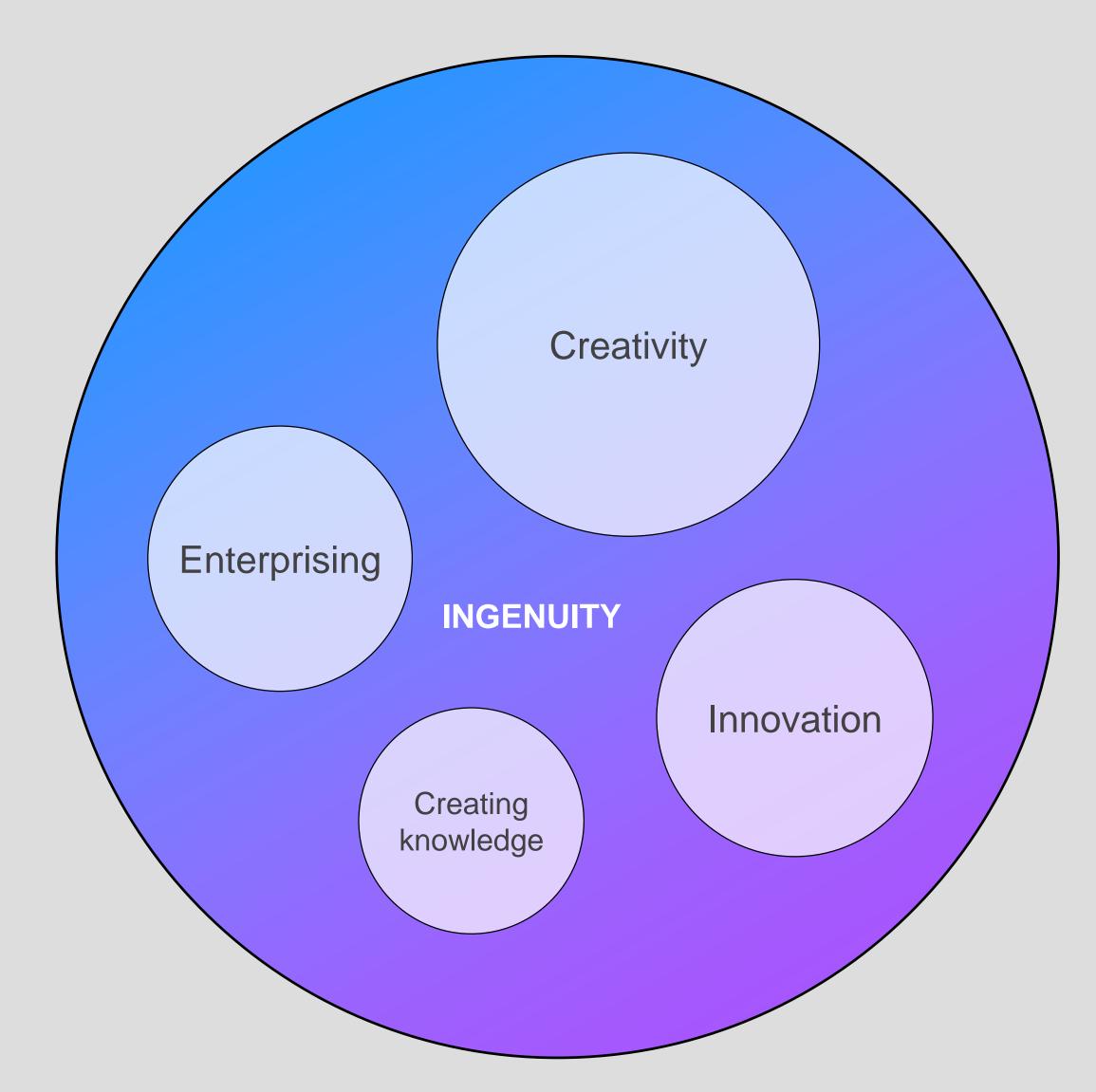
Number of universities mentioning

25/27

Number of total mentions

71







Being original, creating something new, or improving an existing idea, product or process in a new way.

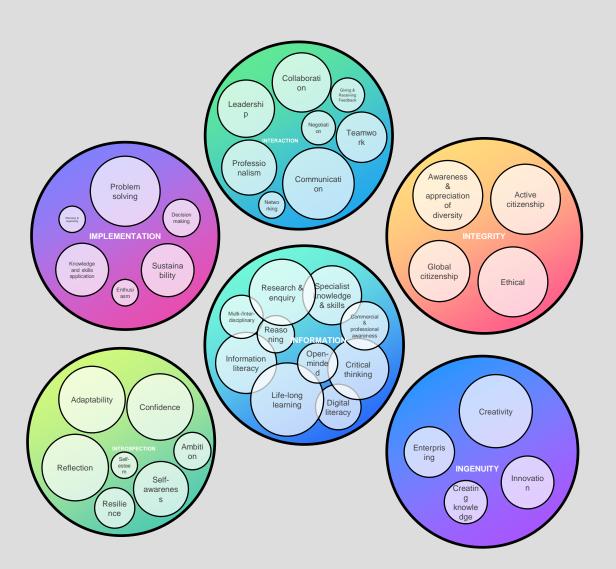
RESULTS

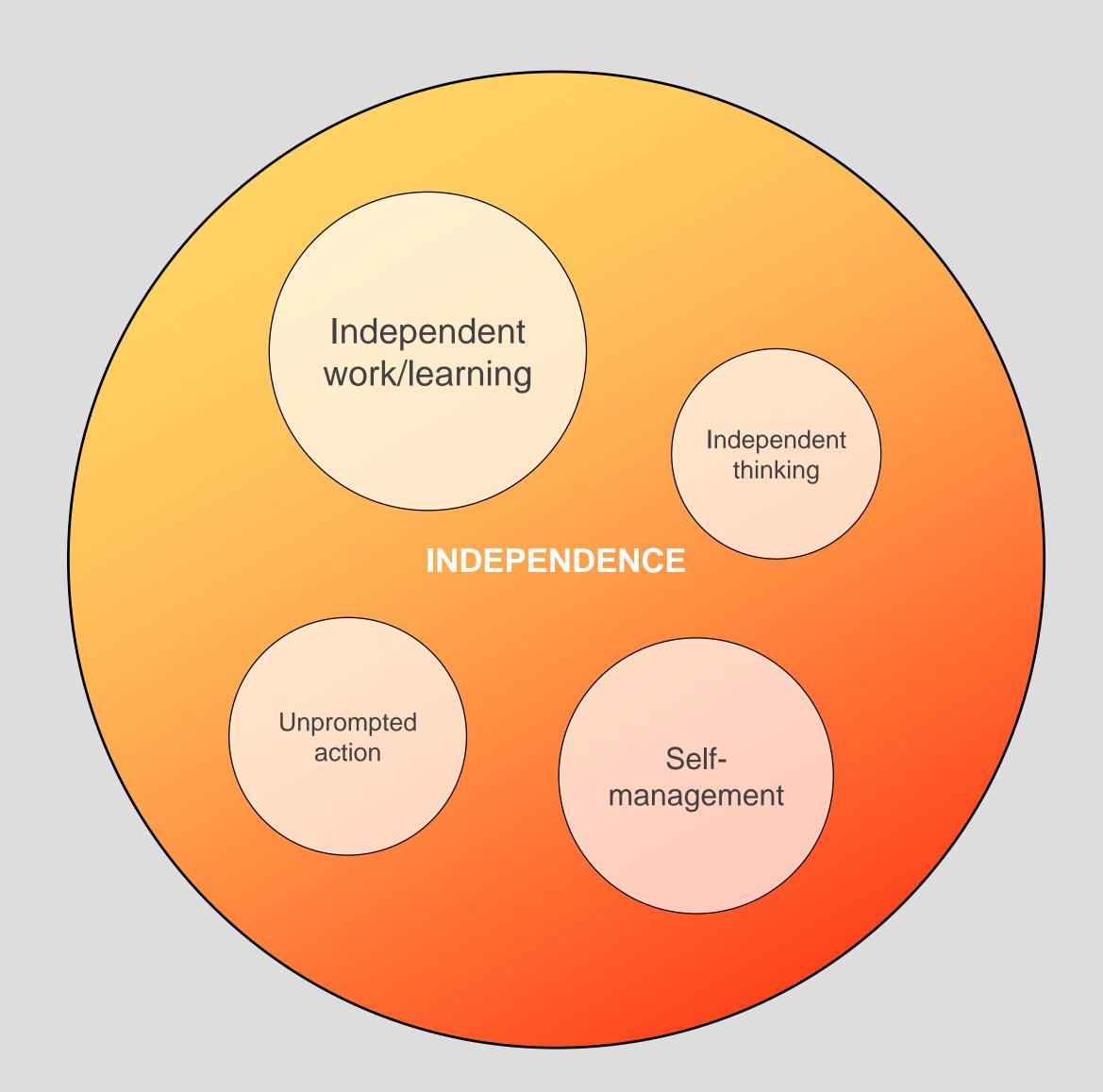
Number of universities mentioning

24/27

Number of total mentions

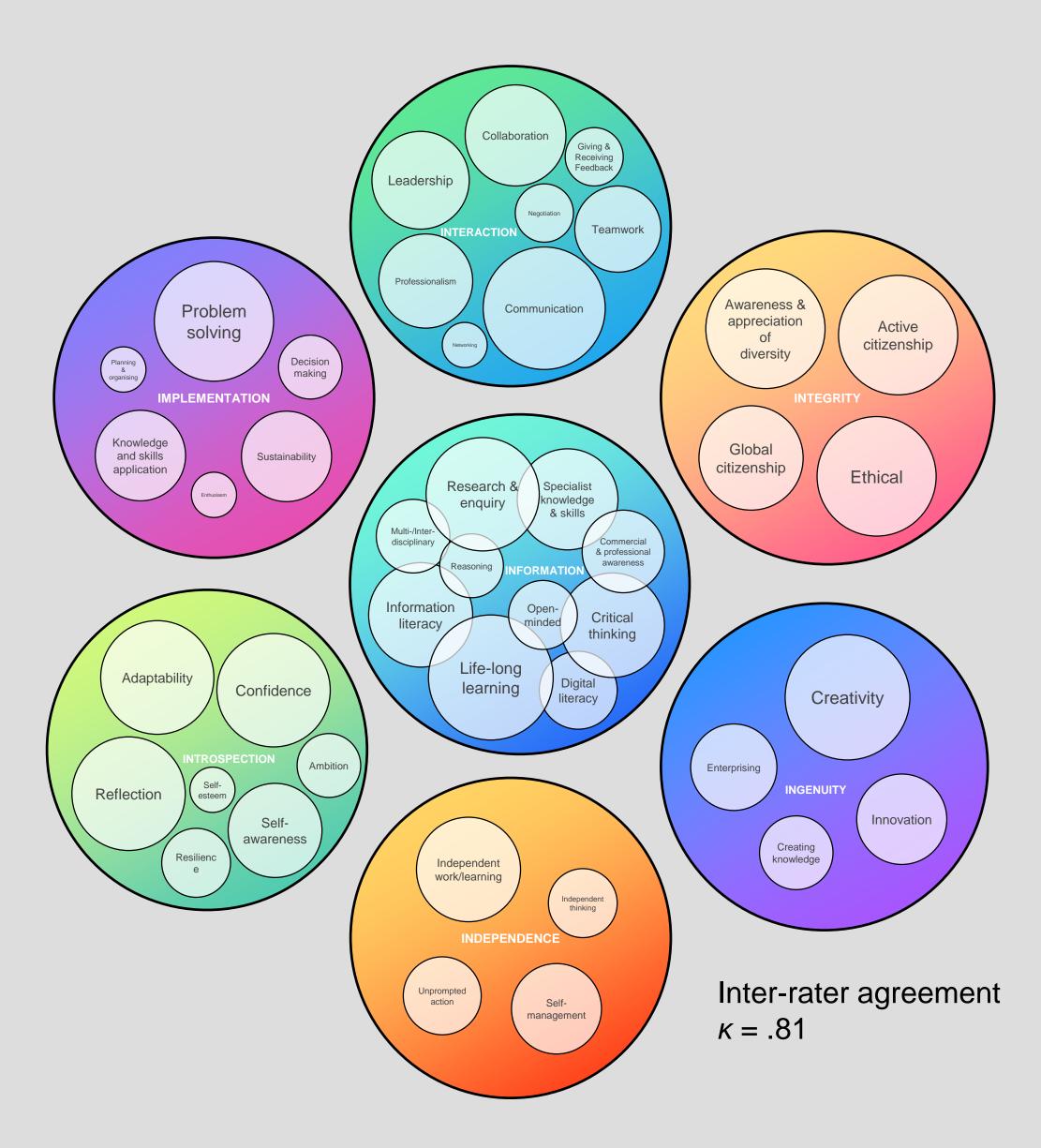
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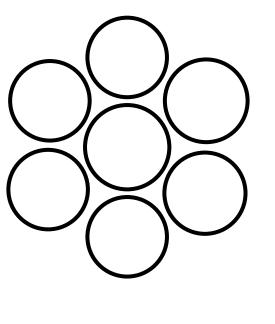




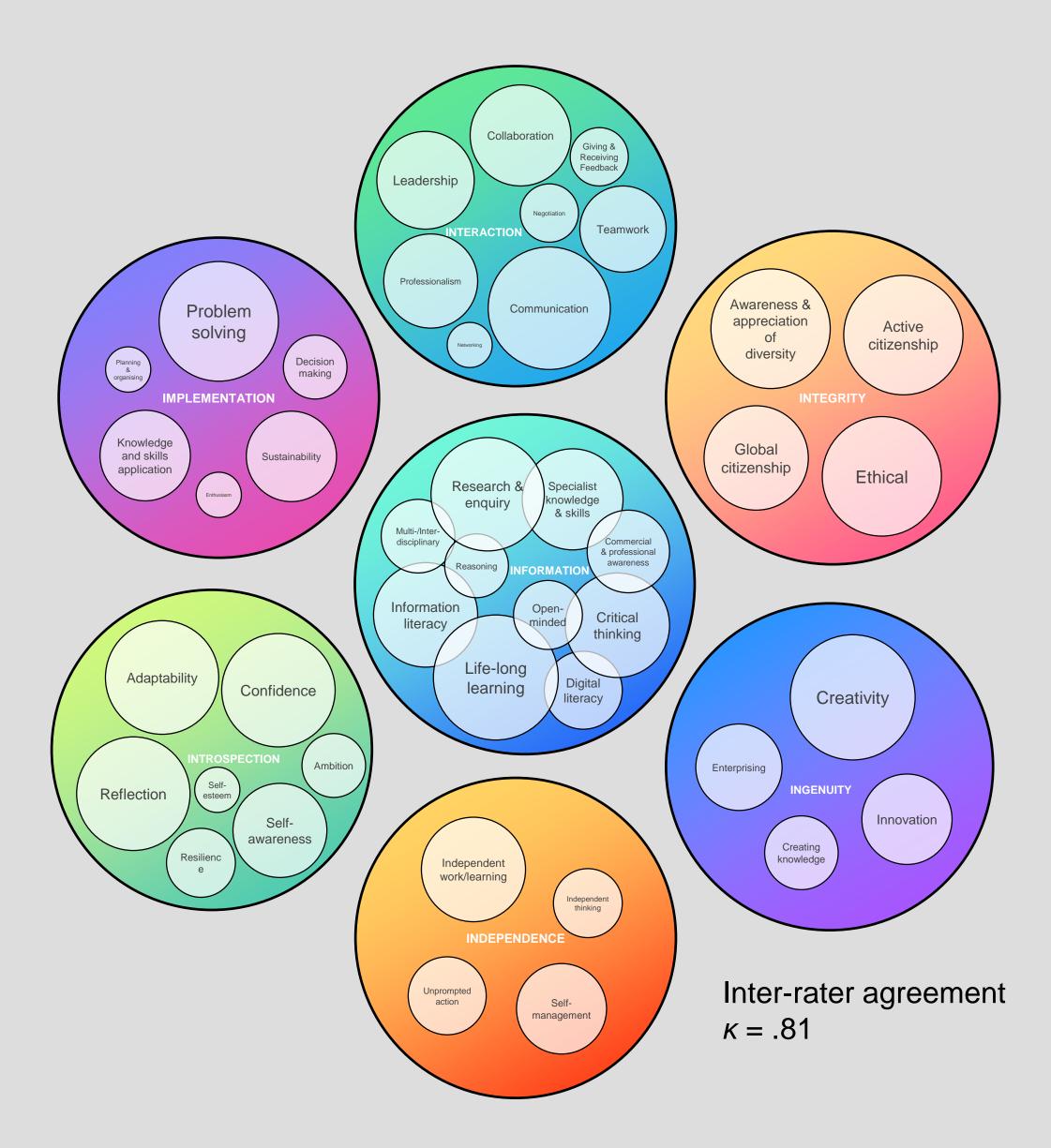


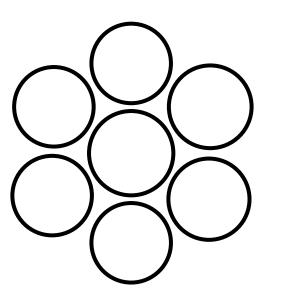
Performing, thinking, and acting independently.





THE 7i MODEL





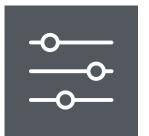
THE 7i MODEL

VALIDATE & REFINE
THE MODEL

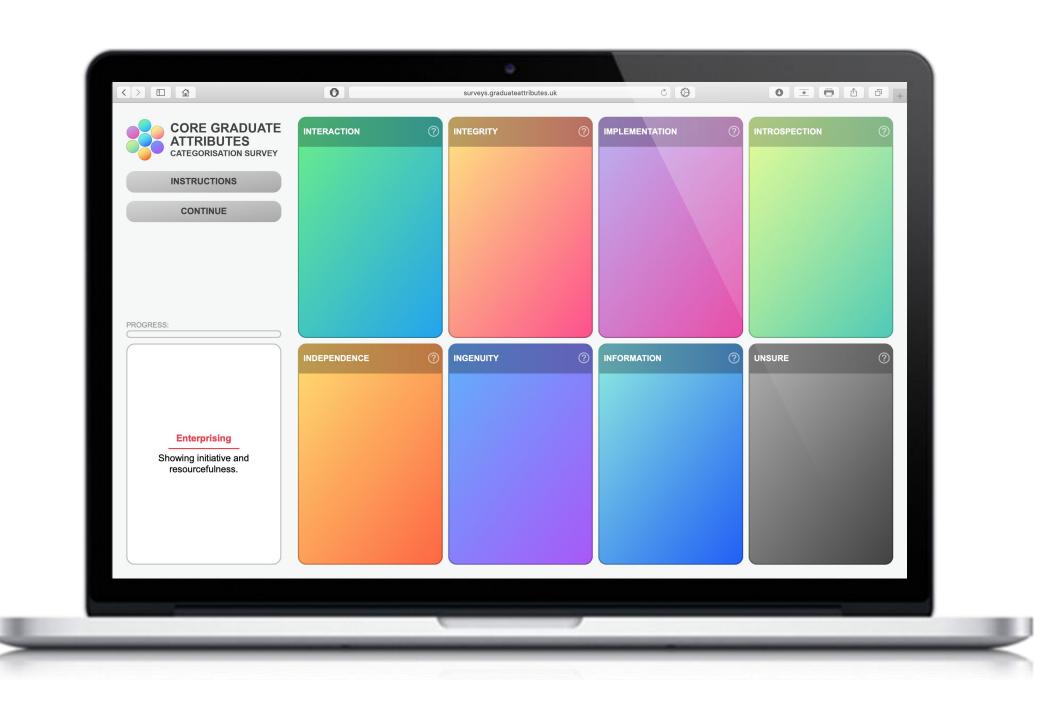
CATEGORISATION SURVEY

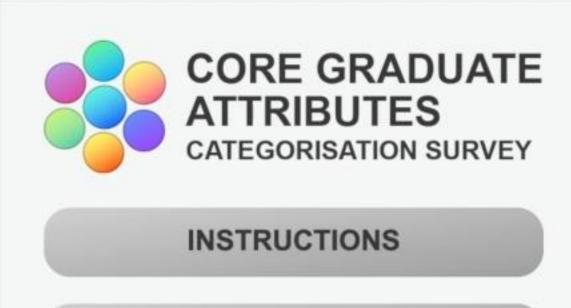
QUICK OVERVIEW OF THE TASK

REFINE AND VALIDATE THE CATEGORISATION.









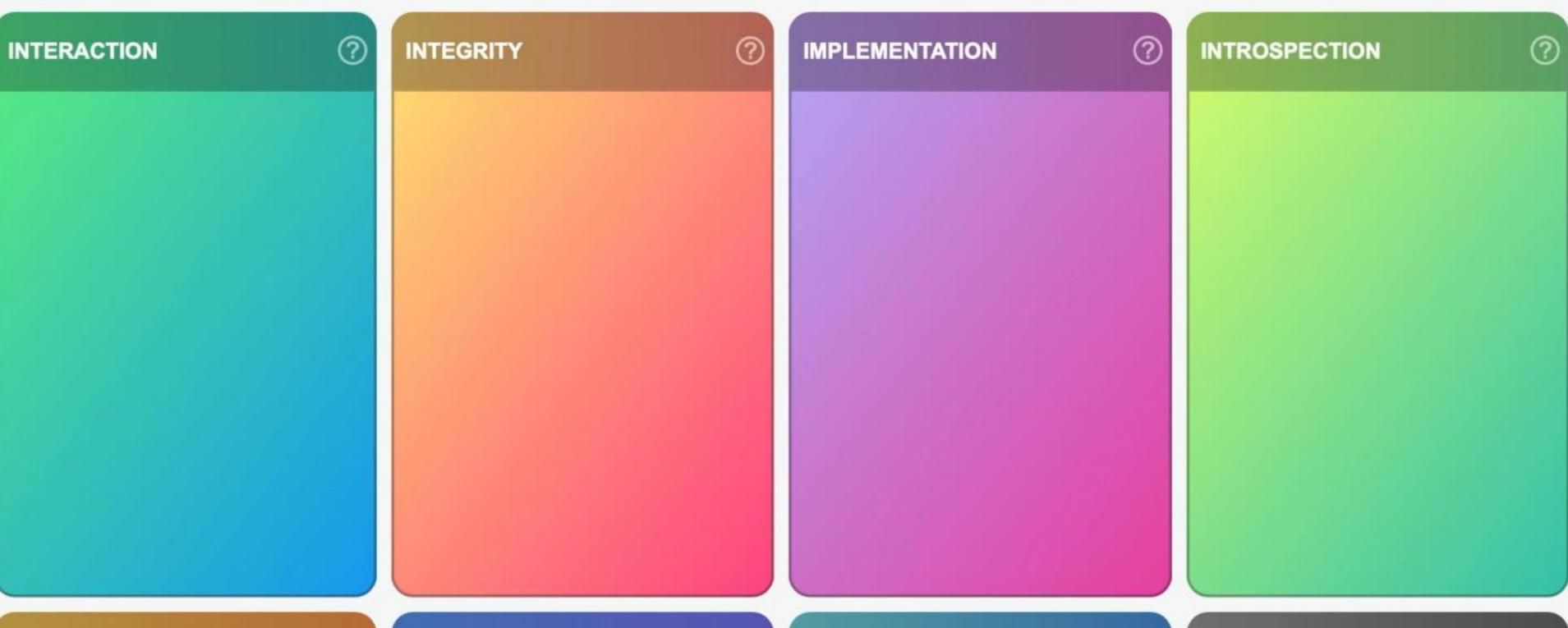
CONTINUE

PROGRESS:

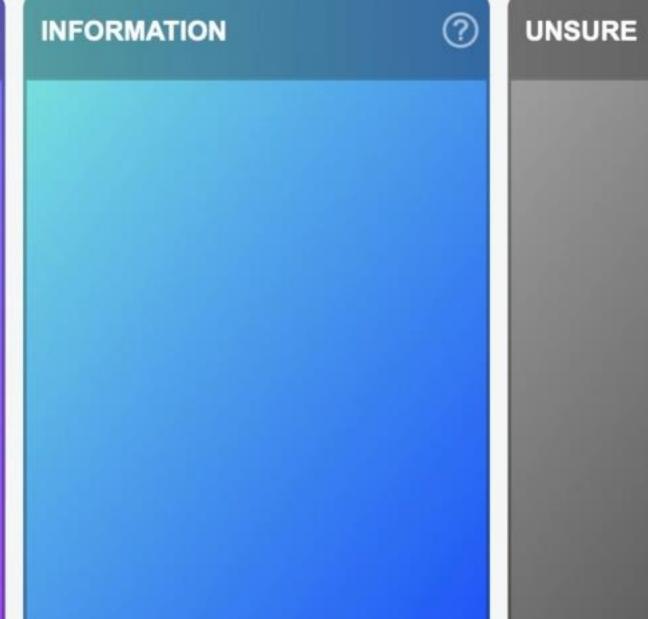
Independent thinking

INDEPENDENCE

Being able to make their own minds and question existing ideas, rather than just adopting others' thoughts or ideas.









INSTRUCTIONS

CONTINUE

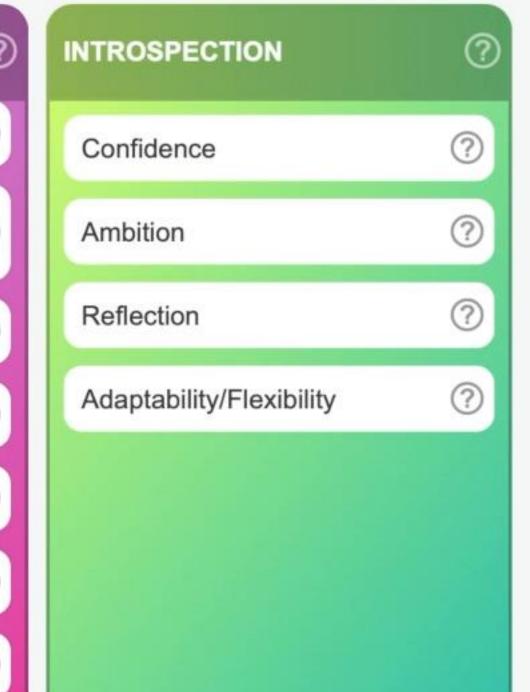
PROGRESS: Done!



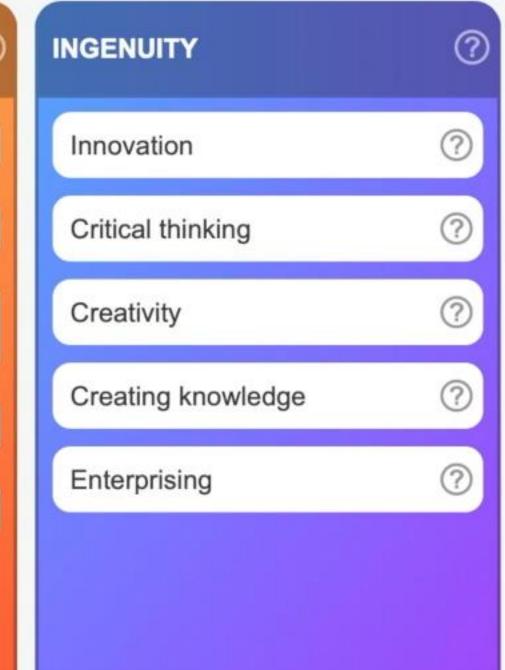


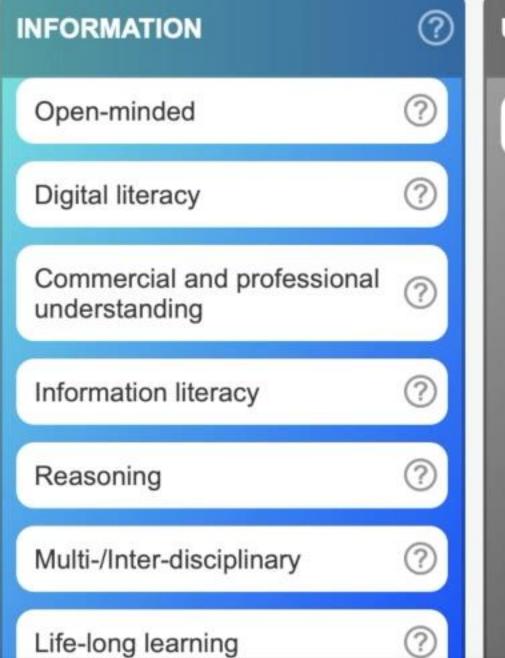










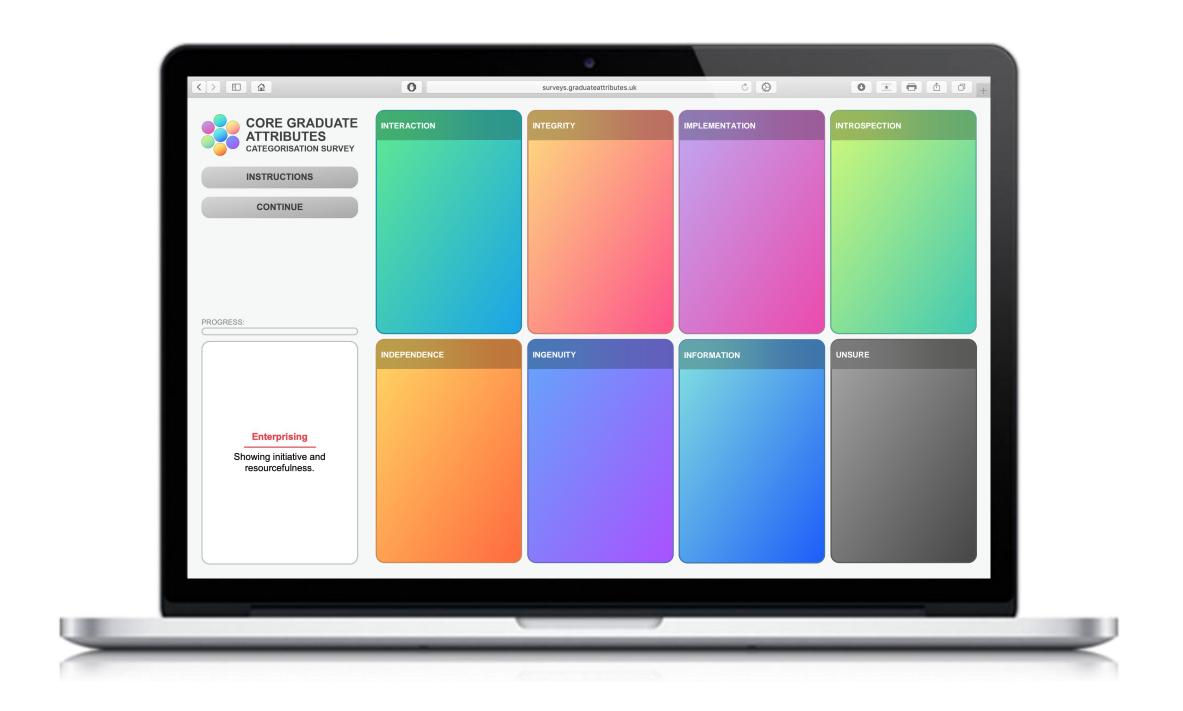




SURVEYS.GRADUATEATTRIBUTES.UK

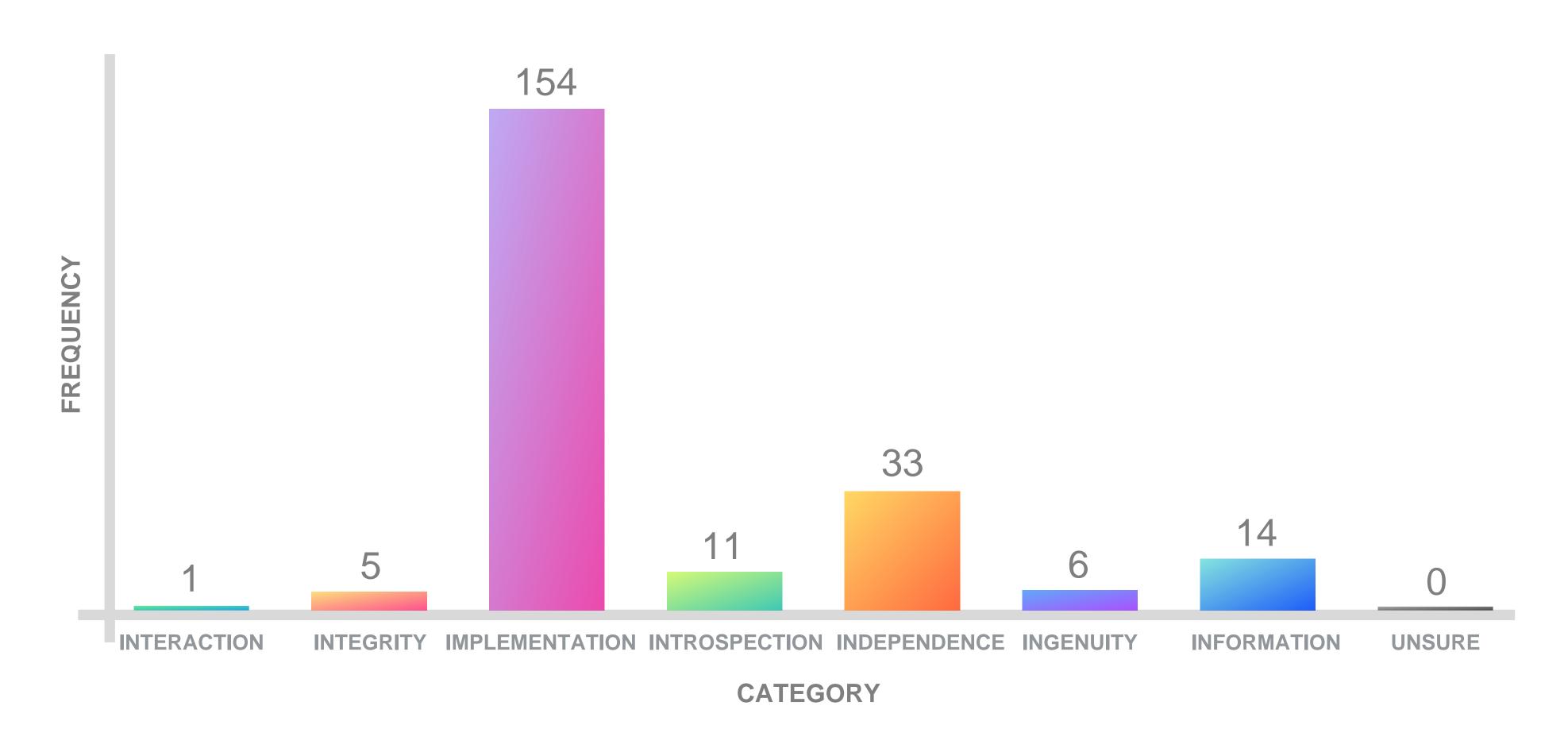


SURVEYS.GRADUATEATTRIBUTES.UK



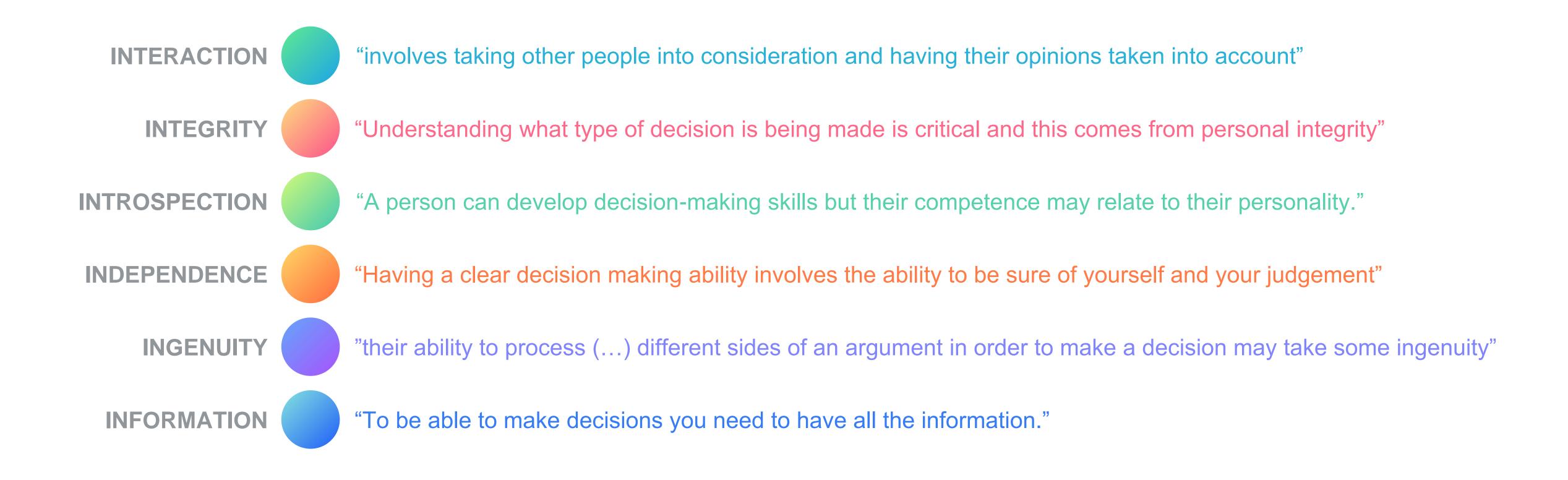
THE DATA WE OBTAINED

e.g. Frequency data for 'DECISION MAKING'



THE DATA WE OBTAINED

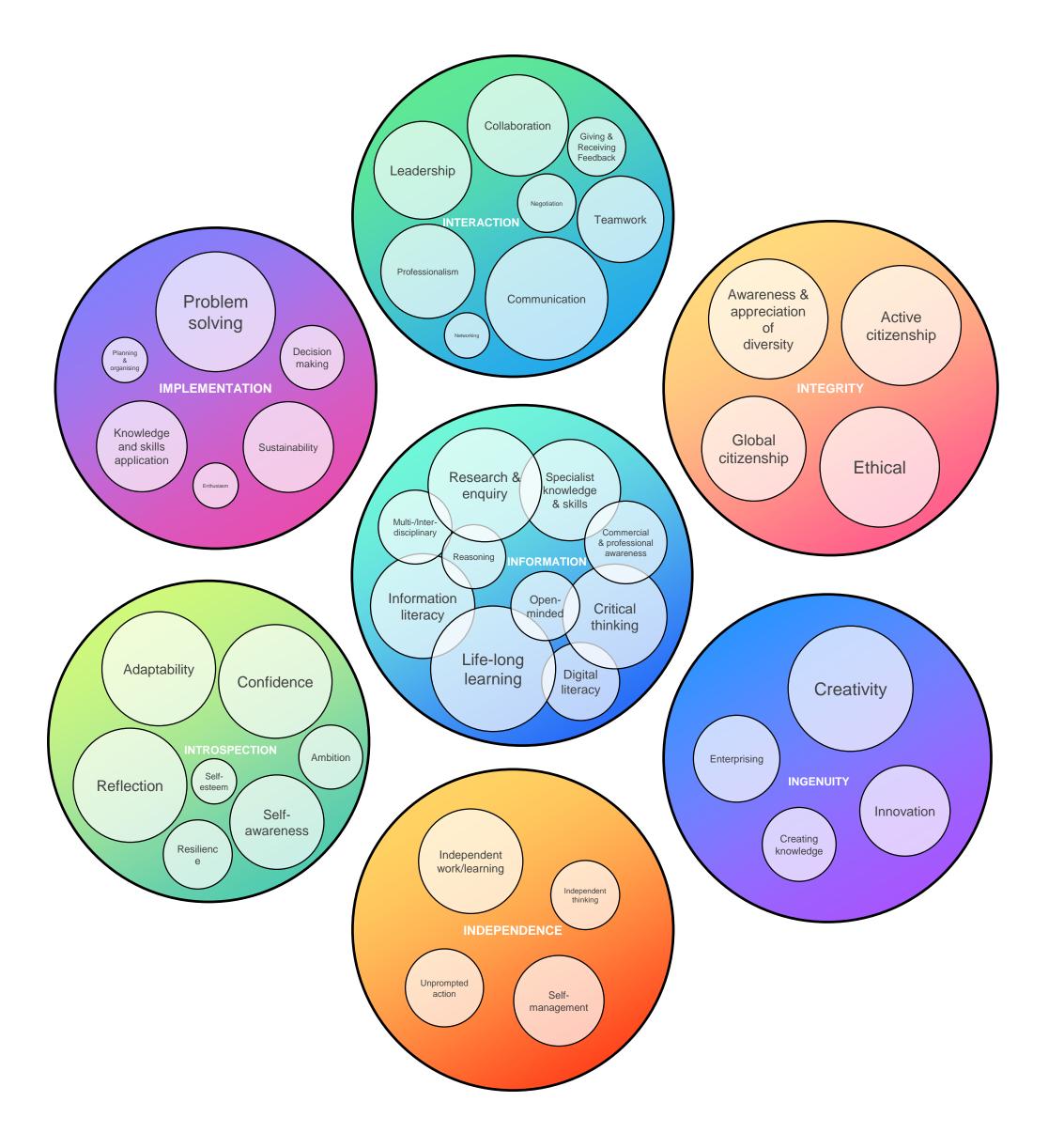
e.g. Qualitative data for 'DECISION MAKING'



224
RESPONSES

SURVEY STUDY

OUR SAMPLE & RESULTS SO FAR...



OUR SAMPLE & RESULTS SO FAR...



224 RESPONSES



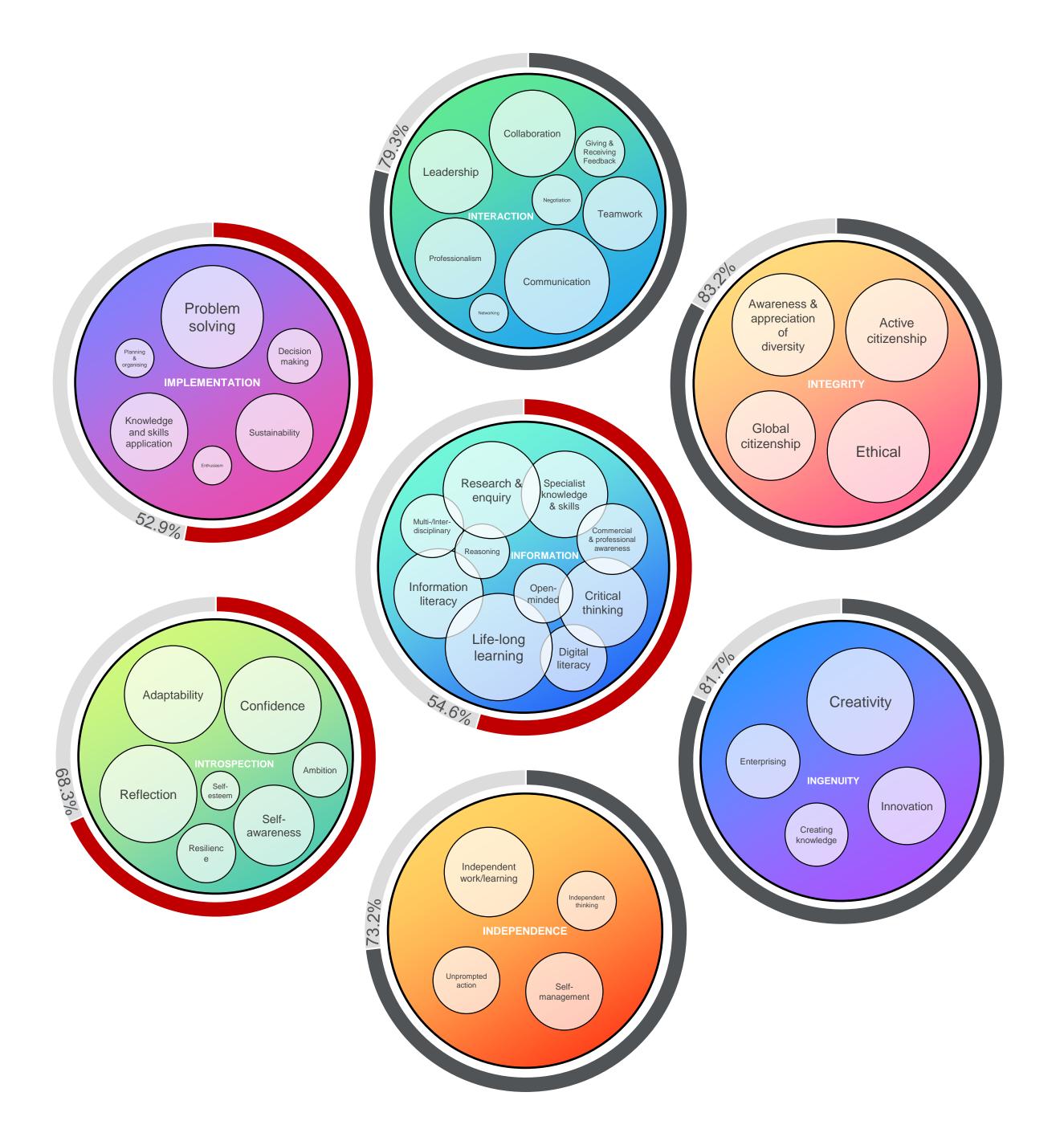


OUR SAMPLE & RESULTS SO FAR...



224 RESPONSES



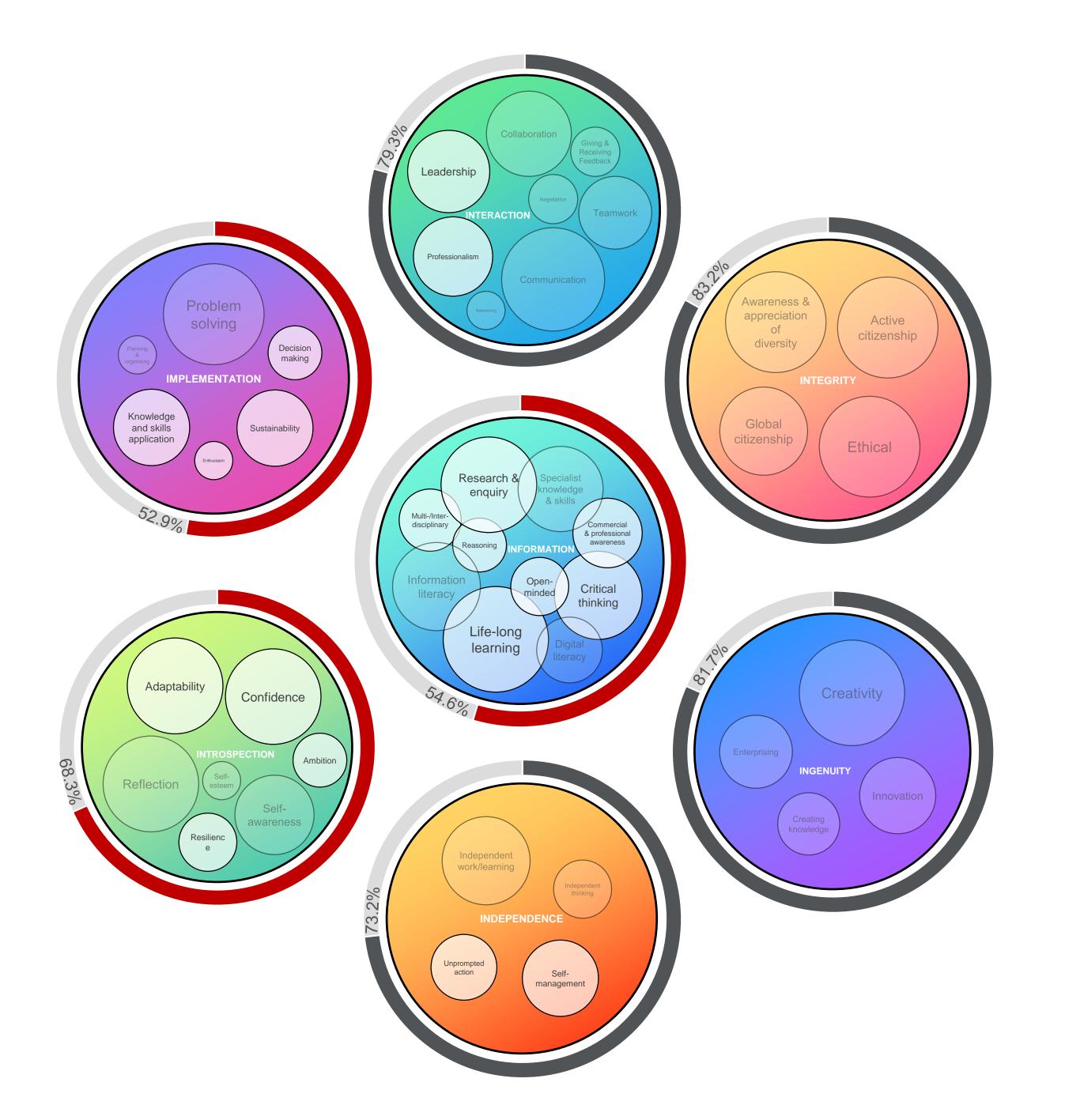


OUR SAMPLE & RESULTS SO FAR...



224 RESPONSES



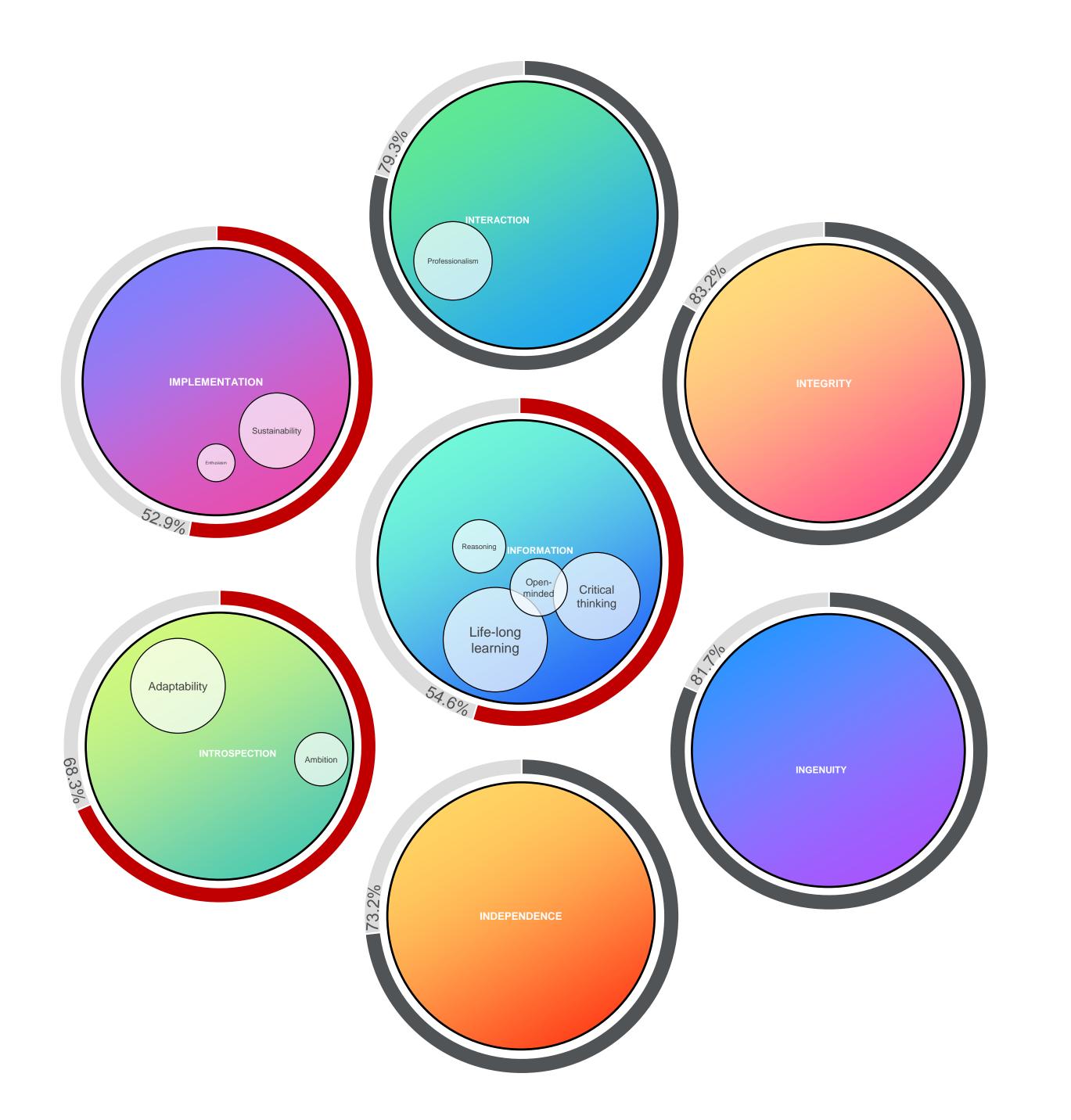


OUR SAMPLE & RESULTS SO FAR...



224 RESPONSES





OUR SAMPLE & RESULTS SO FAR...

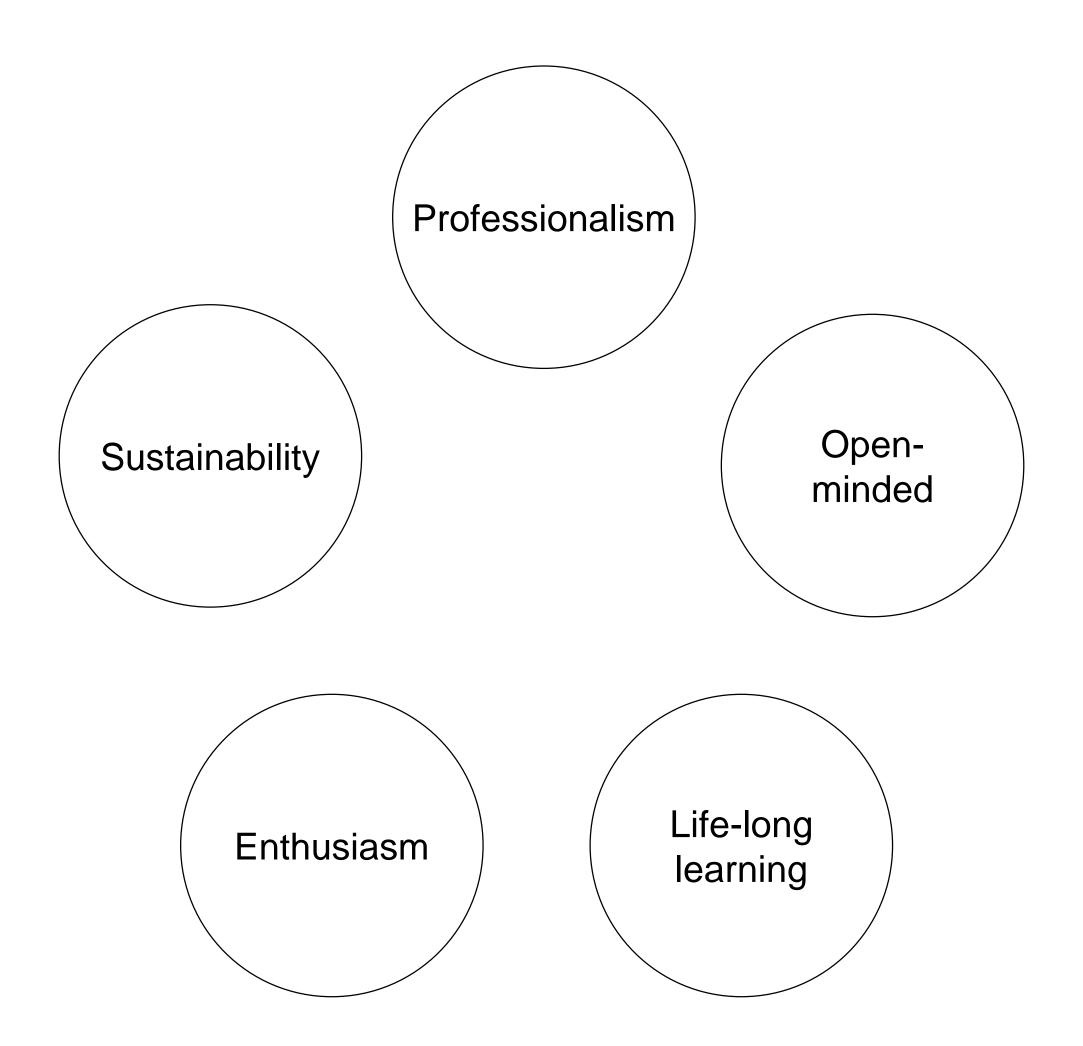


224 RESPONSES



~70% AGREEMENT

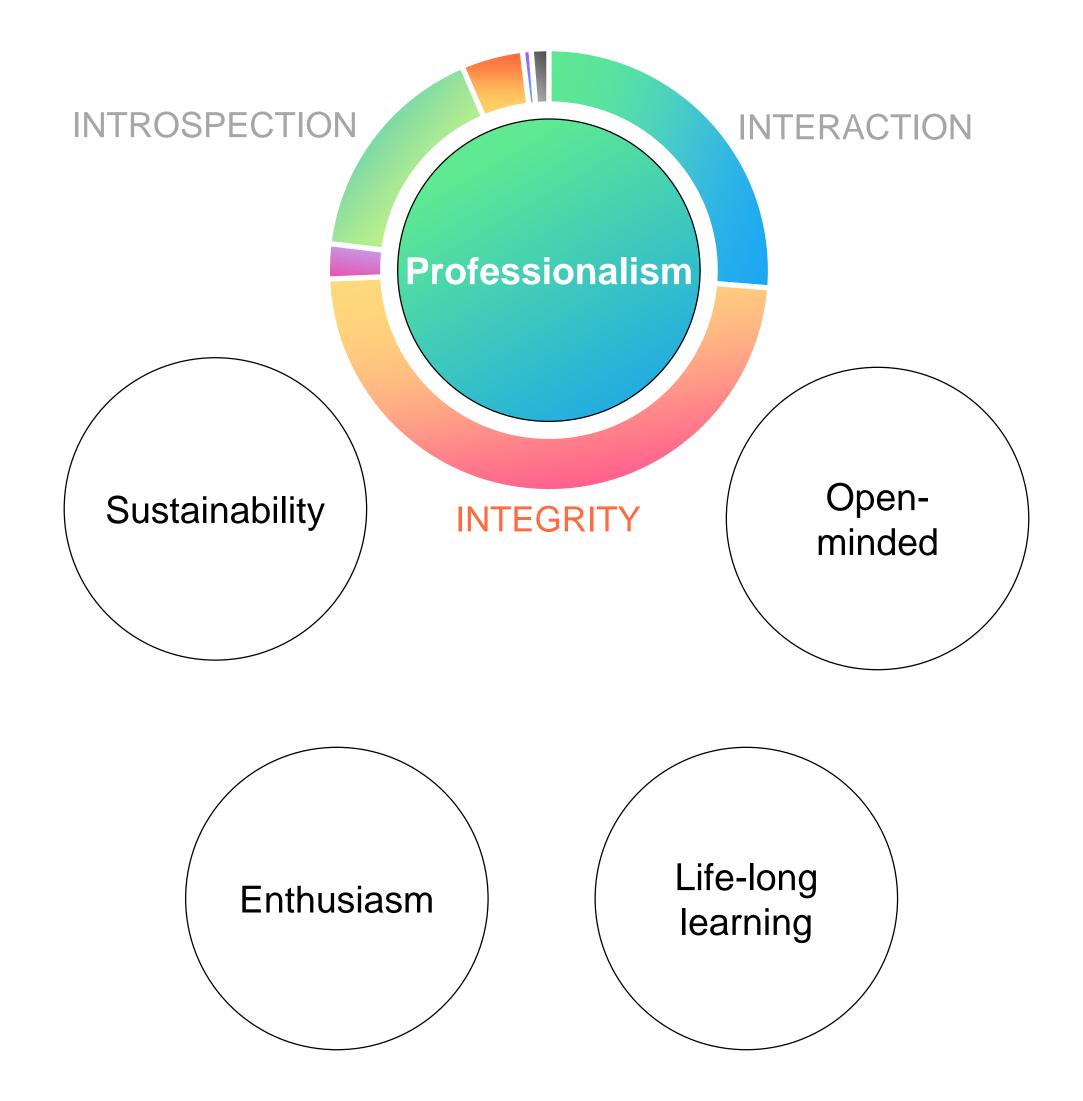




OUR SAMPLE & RESULTS SO FAR...



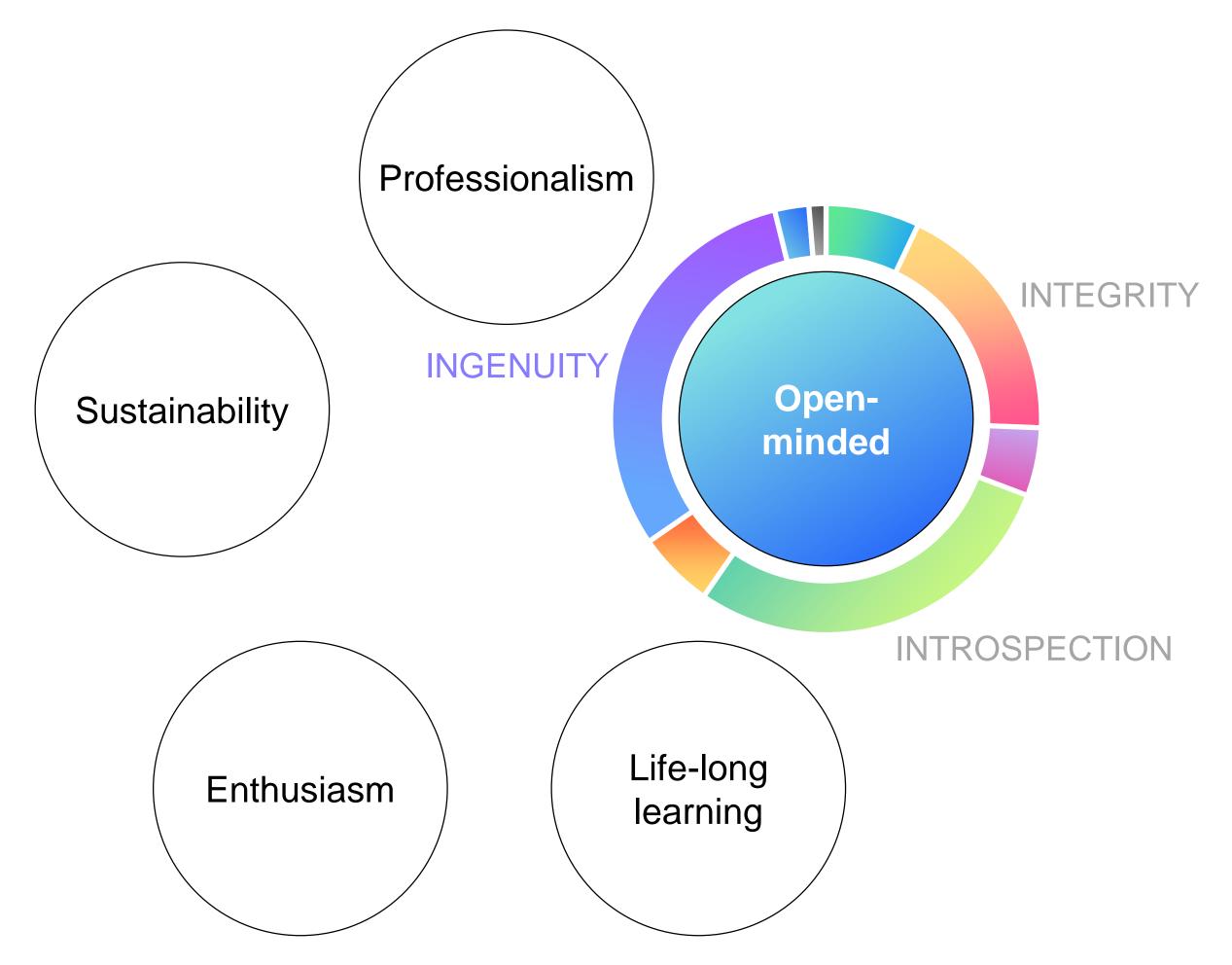
~70% AGREEMENT



OUR SAMPLE & RESULTS SO FAR...







OUR SAMPLE & RESULTS SO FAR...

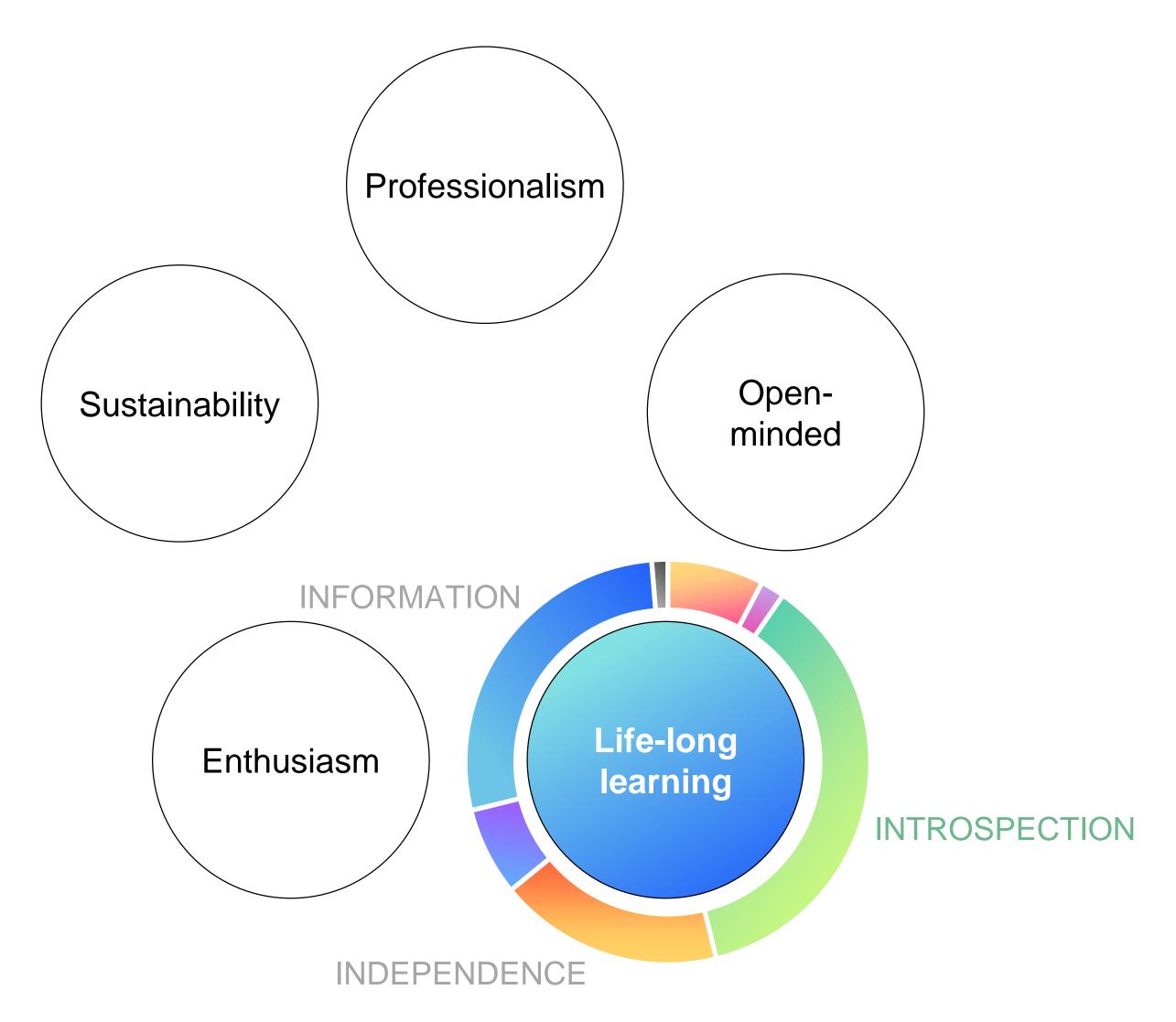


224 RESPONSES



~70% AGREEMENT

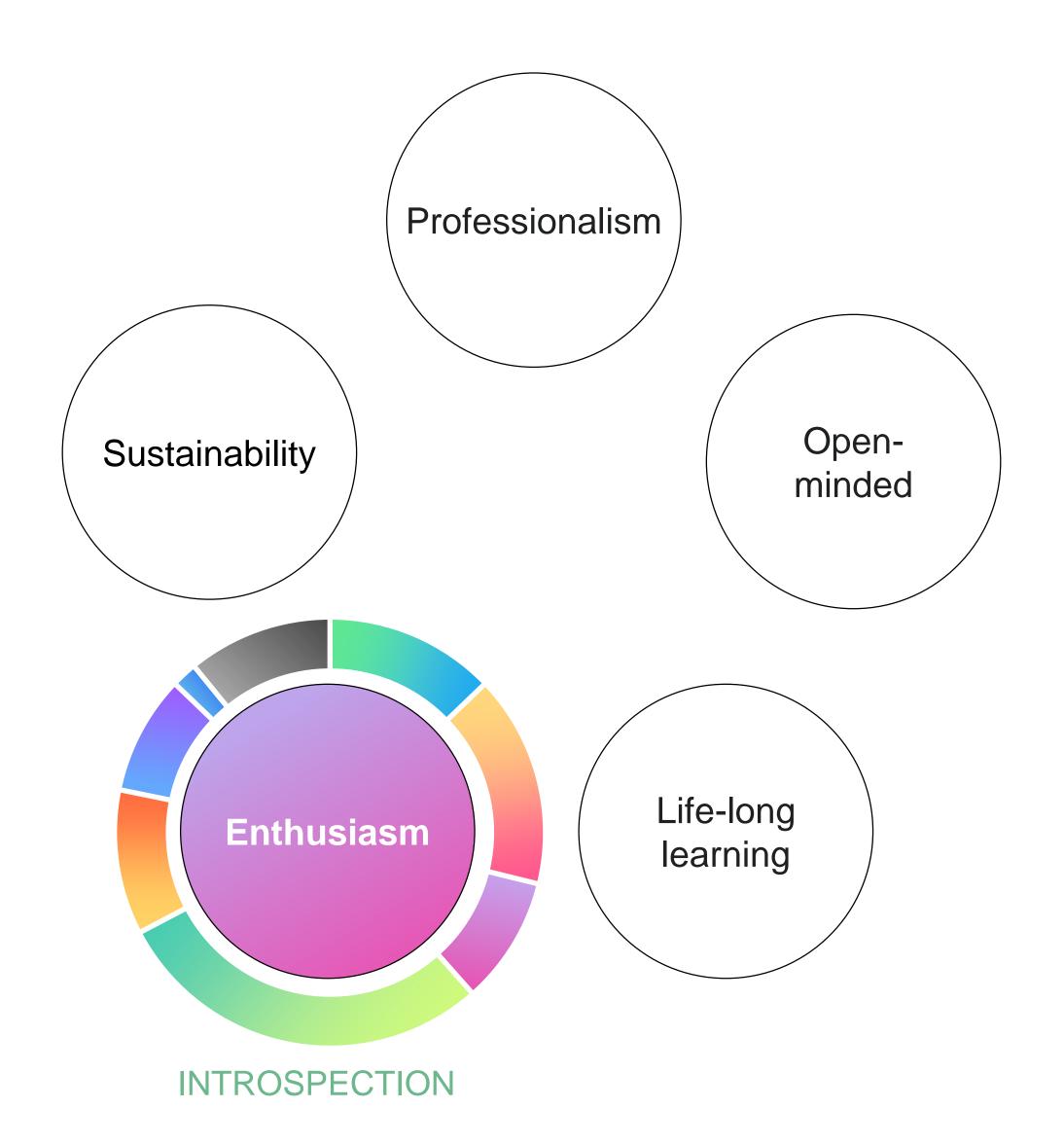




OUR SAMPLE & RESULTS SO FAR...



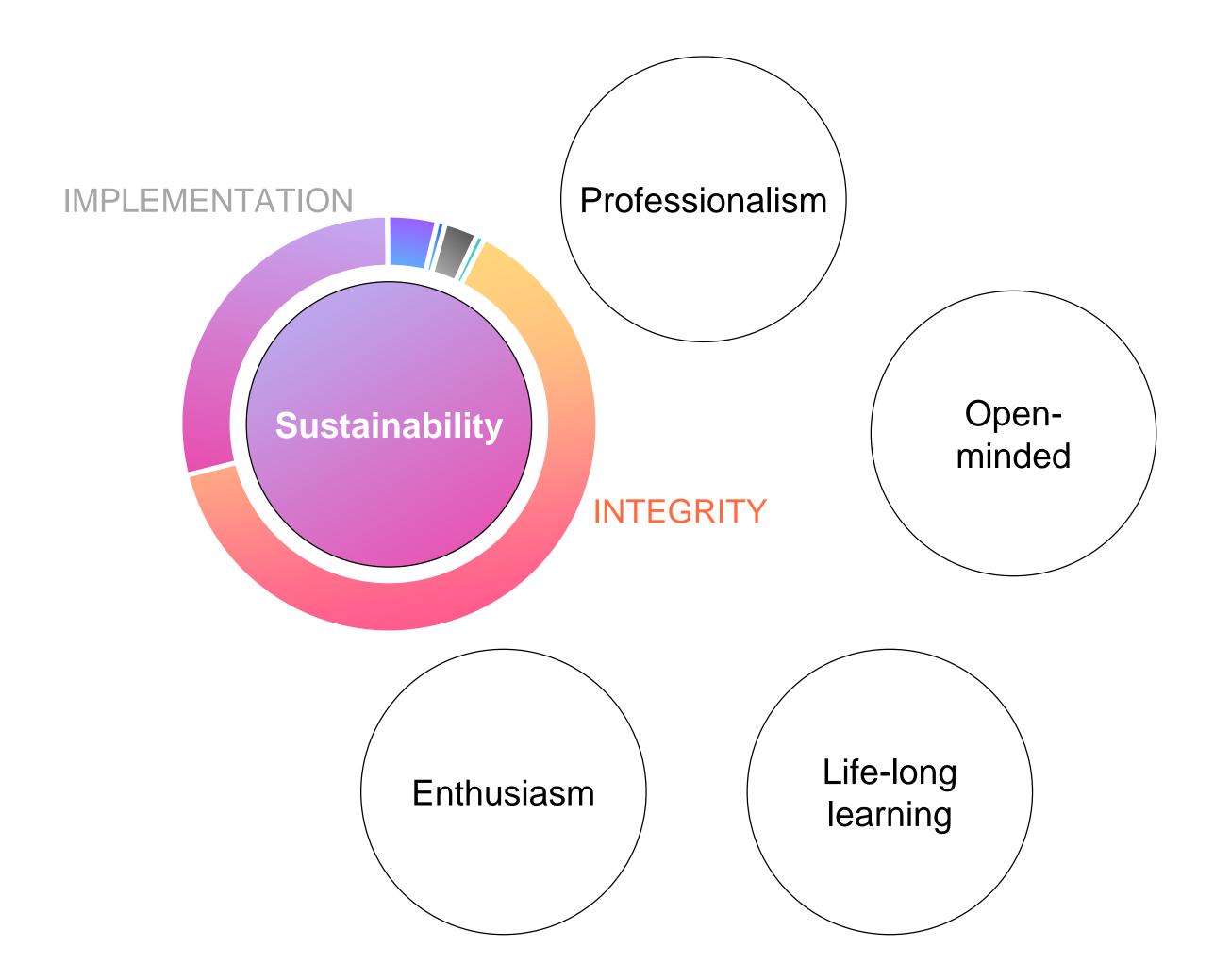
~70% AGREEMENT



OUR SAMPLE & RESULTS SO FAR...







OUR SAMPLE & RESULTS SO FAR...







NEXT STEPS



SEMANTICS SURVEY

AIM: Validating and refining the names and descriptions of the GAs and categories.



BEHAVIOURAL MARKERS STUDY

AIM: To identify a set of behavioural markers for attributes that can only be measured through observation.



GABI LIPAN

PhD STUDENT

- @ g.lipan@abdn.ac.uk
- @GabiLipan
- in linkedin.com/in/gabilipan
- abdn.ac.uk/APHF







Applied
Psychology &
Human
Factors
Group





SUPERVISORS

Dr Amy Irwin
Dr Emily Nordmann
Dr Joy Perkins
Prof Louise Phillips

