The Nuances of an SDG Report:

Providing key recommendations to Freie Universität Berlin for an ideal SDG Report

Supplementary Materials

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<center>**Interviews**</center>

<u>Interview Format</u>

Project Name: Freie Universität Berlin
Interview with Sponsor
1/21/2022

Logistics:
- Who: Our four team members and our sponsor. We plan on dressing appropriately (e.g. business casual).
- Where: Tech suite in library
- When: 10 AM EST Wednesday
- How: Zoom
- We plan to display the interview plan on the monitor in the tech suite
- We plan to record the interview (after requesting permission from the sponsor)

Team roles for interview:
- [Khaled Jarad] will be the main communicator during the interview. They will ask most questions and facilitate introductions.
- [Luke Savoie] will take notes during the interview. They will also set up the recording device.
- [Sahana Venkatesh] will write the interview summary after the interview
- [Sofia Merto] will edit the interview summary and write a thank you email to our sponsor.

Interview type:
- Key-informant interview
- Semi-structured with open-ended questions
- We will start with more general questions and then probe further for more specific information
- This will allow us to understand the scope of the project and collect the necessary relevant information

Introduction:
- Hello, it's great to finally speak with you in person! We would first like to introduce ourselves.
- Introduce selves: Our name, related experience, why we chose the project or what we are looking forward to (something to allow the sponsor to get to know you as people)

- Sahana Venkatesh: Hello, my name is Sahana and I am a junior physics major pursuing my Bachelor of Science here at WPI. I'm also pursuing a minor in Data Science and a potential double major in Professional Writing. On campus, I am an undergraduate mathematical peer learning assistant and serve on the executive board for a cultural club here on campus. I chose

this project because I am interested in the university's desire to be more sustainable and how we can analyze data that can help with that endeavor.

- Sofia Merto: Hello, I'm Sofia, and I use she/her and they/them pronouns. I am a junior math major at WPI. I have always been interested in sustainability, and I am hoping this project will help others to be interested in sustainability and helping the planet as well.

- Luke Savoie: Hello, I am Luke Savoie, I am currently a junior at WPI studying Data Science. I am very excited for this project opportunity as I have an interest in sustainability, but I would definitely like to learn more. In addition, I have created 2 apps for other classes here at WPI and I was interested in the opportunity to improve the Actionbound app.

- Khaled Jarad: Hello! I am Khaled, a junior at Worcester Polytechnic Institute passionately pursuing a Bachelors in Biomedical Engineering and Professional Writing on a Pre-Law track. Outside the classroom, he serves on the executive Board of our Tour Guide program at WPI and works closely with admissions to represent WPI to prospective students.

- Thank you for taking the time to meet with us. We have been researching the Freie Universität Berlin program and are eager to learn more about what we will be working on. We have started research on the actionbound app and the Times Higher Education rankings, as well as what Universities can do to make themselves more sustainable. We would like to speak with you about your perspectives about the project so we can further focus our research on the most relevant topics.

Interview Schedule
- Try not to ask yes/no questions.
- Make your questions conversational and friendly; be careful not to be confrontational and blunt in your phrasing
- Try to ask about your project by learning more about its motivating context, e.g. how does the project fit in with the other work of Freie Universität Berlin? What motivated the project?
- And then when you learn more about aspects of the project, you can gently ask, in the seven weeks we're in Berlin, what aspect of the project from their perspective should be the focus of the project.
- You may want to inquire further about objectives, methods, or deliverables specified in the project brief, sources of information that may be available to you, or other recommendations from the sponsor about how you will either gather data, make contacts, or build relationships. You can also ask what kind of outputs the sponsor would like.
- Write out your conclusion (Thank you for your time...We will continue researching... We will reach out once we have made significant progress on our proposal...Feel free to communicate any questions or concerns through our email alias: [gr-FU-Berlin-D22])

Questions
- How much visibility do you expect to get through the app? How have you been using it so far?
    - New project is about to be launched. Walkthrough campus. Information pathways with QR codes.
    - Physical written deliverable and digital interactive offer
    - Scavenger hunt, scan QR code then given task
    - Different campuses to expand
    - Challenges to upload funny pictures and see past pictures
- What have you implemented to try to be more sustainable? What are future goals?
    - Climate neutral by 2025
    - Collection of data
    - Business travel policy
    - Issued survey to all 47,000 staff and students about mobility
    - Wealthy part of berlin, also very green district
    - Mobility is becoming lucrative
    - Solar plants(multiple step process: roofing, planning, time management, building)
    - Mobility
    - Increase funding
    - Water fountains are a work in progress(not common in Germany)
    -
- Are there any specific types of sustainability you want to focus on in particular?
- Are there any universities that have been very conscious and vocal about sustainability in particular that we should be the main focus of our research when developing our report?
    - German unis first
    - American/Great Britain
    - Contacts in edinburgh
    - Quantitative indicators reported(not updated)
    - Formal notices but more informal to students(positions)
    - Have a call to action(individually: recommendations from sdg for students)
    - Look at FU Berlin's sdg stuff on website
        - Currently in german only but they think it is easily translated and they will help us translate if necessary
- From the project description, we have both a SDG report and app to work on. Would you like us to focus on one more primarily and is there a certain criteria you would like for us to include?
    - Touched on in first question

- Are there any people from the university you would like for us to contact prior to coming to Berlin?
    - NEED DATA, other people have it(data officers)
    - People should speak english
    - If we need to talk to anyone just ask
    - Refrain from going about this on our own as this project is not currently advertised
- Are there any key aspects of Europe or Germany specifically that would be helpful to take into consideration when beginning our research? Is there anything we should think differently about due to the fact that we are not in North America?
- For working on the project, what are the differences between what we do in Worcester compared to in Berlin?
    - Public transit
    - Public Uni (no tuition fees but semester fee of a couple hundred euros)
    - Bring international student card to get discounts on stuff
    - Professor to student ratio not as high
    - Easier to decide harder or easier semester(more freedom)
    - Americans ID more because of student housing and clubs
    - Not as common in German Unis
    - Open Uni(no gates)
    - COVID is bad
    - English lectures

17 SDGs of UN: not being modeled currently but keeping them in mind
Look at sustainability not just through environmental lens
When reporting must follow SDGs(key words, metrics, overall strategies, future goals)
Feedback circles through after revisions

Closing statements: Look at links they sent us

Thank you so much for your time today. We will continue researching all the points that were discussed and we will reach out once we have made significant progress on our proposal.

Please feel free to communicate any questions or concerns through our email alias:
gr-Berlin-D22

Draft Bettina Interview:

Introductions:

Name, Major, Hometown, One involvement on campus
Ask Bettina for an Introduction

General Questions:
What are you responsible for in the Sustainability department at FU Berlin?

What are the next largest projects that the sustainability department is working on?

As you are our permanent Advisor, we would like to go over the document that we were first provided and develop a better understanding of final deliverables.

Which sdgs do we do

- What do you think you and FU Berlin would most benefit from our team in our time here?
  - Would you like us to focus a little on all 17 SDGs or just pick 3-4 SDGs and provide thorough comparisons and analysis?
  - Clusters: language, wording, data, presentation, formatting, etc

- What would you like us to focus the majority of our efforts on?

- What would you like the final deliverable regarding the SDG report for FU Berlin to look like? (Actual Report, Criteria, Template, or something completely different)
  - Based on Monday's meeting, we wish to present some sort of archive with information pertaining to a few of the SDGs and analysis (compare/contrast)

- What would you like our final deliverables regarding the interactive offers to showcase?
  - We are thinking of highlighting the majority of student efforts via a scavenger hunt on the action bound app.

SDG Questions:

How involved are you in the creation of the public SDG reports that are submitted to the impact ranking?

What do you believe makes a quality SDG report?

What are the SDG categories that FU Berlin excels in the most? What SDGs could use the most improvement?

What are key factors that you believe should be highlighted in an SDG report at FU Berlin? (aka what is FU Berlin Best at)

What factors, themes, or writing techniques would you like us to extract from the SDG reports and incorporate into our recommendation?

What form of deliverable would you most benefit from at FU Berlin in creating your SDG Report? (We suggest a presentation)

Do you have any contacts at The University of Munich that we can interview briefly on displaying and organizing information for the impact ranking?

What are some challenges that FU Berlin has faced with reporting SDG contributions to THE?

Interactive Offers:

How would you like us to create these interactive offers?

What would you like them to showcase?

Do you have any examples of interactive offers you can show us or should we take our own direction?

What is the ratio of information to graphics you would like to see on the interactive offers?

Who is the target audience of the interactive offers/ scavenger hunt?

Given the time we have, would you like us to focus more of our efforts on the recommendation or the interactive offers?

Would you like us to create our own unique tour or just the interactive offers if we dont have time?

Would you like us to suggest new offers to implement or adapt and restructure offers that are already featured in the sustainability tour?

- Bettina is recording the meeting she will share it with us, but she doesn't really want to rewatch it
- Bettina's job was originally working for research projects in the building sector, so it is unusual that she works in sustainability because sustainability is a campus unit not a research unit
    - Before that she was in charge of sustainability communication
    - A lot of the tasks of sustainability communication are still her job
    - She is in charge of sustainability reporting, the website, and the bench marks
- Any larger sustainability efforts? Is the department working on anything big?
    - Big ish unit so a lot of things are going on
    - Unusual for germany because normally they only have one or two people but fu has people in sustainability in teaching, sustainability in international networks
    - Everybody is working on something
    - There are many efforts, you can go on the website and see all the things they do, which is a lot
- The problem with the ir is not to do the ranking and collect the data (takes time, 3-5 days but) but the problem is that they have to present an sdg report every year and show the progress they made from last year
    - That will take 6-8 weeks
    - Hoping we can help
    - They made sdg contest on the website but they only got one contest on the website instead of 3
- How to go ahead with this ranking since they have this major report to do every year
    - How to report easily without consuming so many weeks
- Accidentally zoned out for a couple minutes but that's what the recording is for
- She can share with us the data that they submitted, she can show us here and she can send it to us
    - We want it sent to us please
    - This is not a stats project though
    - Make sure to email her after this thanking her for her time and ask for this spreadsheet
- Policy for child work they don't have a policy they have a law
    - Communication issue? So many of the top universities are also in countries that also have laws, maybe this data could be submitted better

WE NEED TO TALK TO DR HORAN

Gabe Espinosa Interview
- Works with WPI administration to re-evaluate energy system

Interview Outline

1. Introduce ourselves

2. Introduce project
   a. We are an IQP project team from WPI working with the Freie Universität Berlin to provide them recommendations on sustainability based on the United Nation's SDG reports. Mainly, we are looking into helping to improve their THE's impact ranking in terms of sustainability

   b. SDG reports, recommendations, Actionbound app interactive offers

   c. We have researched the connections between universities and sustainabilities, how Germany has made strides in sustainability, Energiewende

3. Allow Gabe to introduce himself and his experience with sustainability at WPI

4. Ask questions(about introduction)
   a. How and why did you get into the field of sustainability?
   b.

5. Thank yous

Interview Questions

1) What sustainability practices have you helped WPI implement in your time working with the administration?

2) Have these practices proven to help the energy output of WPI?

   a) Are they new practices or have they been around for a while?

3) How does evaluating the energy system of a university help its sustainability efforts?

4) Are these changes modeled after a different university?

5) How is WPI collaborating with other universities to reach their sustainability goals?

6) When re-evaluating an energy system, what do you think would be the first step of action?

7) Are there any changes that have been made that you think we could offer to our university in Berlin?

8) Why is it important for universities to make efforts to be as sustainable as possible?
9) This was already talked about possibly..

10) What would you recommend to other universities to focus on in their sustainability efforts?

11) What is WPI's greatest sustainability accomplishment on campus?

12) How does WPI highlight their sustainability efforts to prospective students?

    a) Are there any deliverables to show?

13) Any other suggestions?

Sarah Stanlick Interview

Universities accreditation to be able to function
Voluntary accreditation for benefit of sustainability
IUPUI

UNESCO
UNEP
Layers of membership
Different pieces of sustainability
University is small city
Whole lotta resources
Makes a dent in footprint

Appeals to onlookers of the school
Harvard divested from fossil fuels
Graphical clear inviting green space
Visually appealing makes you feel good
Proud of university for taking initiative
Don't pick tool analyze effect you want and reaction

Disconnect between sustainable country and not ranked universities
WPI has group projects and showcases it
Community engagement is huge for optics
Internal in community can create excitement because of sustainability achievements and showcased progress
THE redoes standards every year
Student impact is critical in rankings

Pick quality of quantity
6 great SDGs is better than 17 decent SDGs

Not more students but quality of students
Need agents of change
Pride in university

Part of national group focused on sustainability
Liz Dufraine
Arizona state webinar
Warren wilson NC
Evergreen state Washington

Professor Richter Interview
- https://www.fu-berlin.de/sites/nachhaltigkeit/sdg-kompass/SDG-Kompass/SDG-2---Kein-Hunger1/index.html

GIZ? Development department

<u>Brussels Interview</u>

Introductions:

Name, Major, Hometown, One involvement on campus

Ask Speaker for an Introduction

General Questions:

What are you responsible for in the Sustainability department at your university?
- Various projects
- Mobility projects
- Improving model share of modes of transport
- Business travel policy
- Carbon footprint of professional students
- Task of sustainability report
- Transversal(goes beyond just sustainability office, includes all of the school all the way to global impact)

How involved are you in the creation of the public SDG reports that are submitted to the impact ranking?
- Coordinating report as project manager
- Under supervision from committee
- >40 ppl helped provide content
- REPORT DUE NEXT WEEK
- Work in group to create report

What are the next largest projects that the sustainability department is working on?
- Climate action plan(keeps busy for 20-30 years)
- Reduce carbon footprint
- Renovate buildings to reduce energy usage
- Business travel policy(share of plane is 25% of carbon footprint)

What do you believe makes a quality SDG report?
- Idea to have very clear objectives and goals measurable with KPIs
- Improve year after year
- Room for improvement

What do you think your SDG report could most benefit from?
- THEY ARE PUTTING OUT FIRST REPORT THIS YEAR
- Faster with implementation even though it is not easy

Any challenges with translation into english?
- Not so far, but they write it in french and have it translated into english

What are the SDG categories that Brussels excels in the most? What SDGs could use the most improvement?
- Best: wealth and wellbeing, SDGs 3, 5, 8, 17
- Needs Improvement: SDGs 7, 11, 13
- Did not submit data for all SDGs

What are some difficulties you've encountered while creating an SDG report?
- DATA
- Very difficult and burdensome to collect necessary data for some SDGs
- Mobility survey(where do you leave/modes of transport)
- Not as many respondents!!!
- Finding people to contact was difficult

What key factors, themes, or writing techniques do you implement in your report ?
- Key statistics
-

Do you have any contacts at other universities that would be willing to speak about their SDG reports?
- French guy at other uni
- Matheiu at edinburgh

Difference between separating report by SDG and by themes(and which sdgs relate to them)

<u>Brussels Interview Notes</u>

How to improve the modal share of modes of transportability for a car

Business travel policy to reduce the carbon footprint of professional and student travels

Given the task to coordinate the sustainability report

Sustainability report is built to take into account all the areas where sustainability can have an impact

Yeah

It goes beyond just the environmental office which is a big task

SDG report for the impact ranking

In their university there is not one person in charge of sustainability

There are several offices for things like environmental, societal

They have to show that they can improve year after year which involves having objectives and indicators, but for some aspects of sustainability they do not have well defined objectives and indicators; they use this as a good next step but it's hard to get started like that

They wrote their report in french and had it translated into english

They are just finishing the french version and they are having it translated in english, they aren't sure yet if things got lost in translation

They think they are quite good at 17 (and 3 and 5)

They want to improve on 7,11,13

They did not submit data for all of the sdgs because that is a lot of work, they did the first year but after that they just submitted the data where they thought they could get the best scores

<u>Interview with Matt from Edinburgh</u>

Introductions:
Hello we are {introduce}
Let him say hi
We are working alongside a couple other students with FU Berlin and we are trying to help them improve their sustainability report and create a proper for future rankings. We thank you for taking your time to answer some of our questions

General Questions:

What are you responsible for in the Sustainability department at your university?
- Senior learning teaching and reporting manager within the department for social responsibility and stuff
- For over 11 years now
- His current responsibility lies with trying to embed climate stuff withing curriculum and student experience
- Works with a team
- Also he has responsibility for reporting
- Covers all sorts of issues
- Includes stuff like the impact ranking
-

How involved are you in the creation of the public SDG reports that are submitted to the impact ranking?
- Responsibility for coordinating that
- There is a vacuum going on
- We shall listen to the recording because all this is helpful but
- They don't publish what they give to the impact rankings they just publish the general report

What are the next largest projects that the sustainability department is working on?
- They work with everyone, in corporational aspects, in teaching,
- They are reviewing their climate strategy which was published in 2016 and they've already met some targets
- They don't want to go the external carbon offset route they will always be producing greenhouse gasses
- Instead they are looking to woodland preservation in scotland
- They have just created a unit for social impact
- It's quite hard to tell the wider social impact

What do you believe makes a quality SDG report?
- He is gonna break it down as what is good for the impact rankings and what is good for the stakeholders
- The impact rankings are looking for certain information to match their criteria
- Straight to the point and accessible with what you need
- He has some issues with the methodology and criteria (gamification)
- It provides a good snapshot but that's it

What he does witht the annual report is make it accessible to wider public

Language has to ve accessible

Data that they provide must be explained

What is the overall goals and outcomes of these projects

Hardly anybody is gonna look at a long detailed report and only select people care about numbers

Putting it on the website makes it more accessible to more people

Tehre needs to be a communications plan for the repor t

They put out an article alongside the report that highlighted top ten achievements and used that as social media posts

Tailored their messaging to different types of people within and withoutthe university

Tehre is no point producing a really complex detailed report if you're not gonna put the effort in to outreach

They have a stand alone annual report from which you can find other reports

Gamification of the report

Any external scrutiny is to be welcomed so he does welcome the impact rankings

In terms of the methodology around the scoring, your uni could submit the bare minimum and actually score really well

A lot of universities are submitting more than the bare minimum

This methodology fails to recognize the wider scope and how the sdgs are interconnected

(so don't do project based pdf)

There is bias against larger universities like uni of edinburg

More specialized small universities have smaller sudtend population so there are more students going into specialised fields

It is hard to really explain to them that they do a hell of a lot

He does not think they've really earned their place at th top of the ranking

Tehre are some areas taht work well and some don't work well

Reporting is about improving current practice internally

They've identified some criteria that will help them improve

They are hoping that going forward teh IR will improve their methodology

What aspect of their report helped them to rank so high?
- Real insight to times higher education how they evaluate the data, he doesn't thik they're looking at the report
- You get more points if you got more information
- They have a process behind the stand alone report and they can use the process to gather the data that the impact rankings are looking for
- The process behind the stand alone report helps to extract info for social media
- He really likes the importance of social outreach
- Uni performance fluctuates over time sometimes you just have a good year and the methodology doesn't ask for any narrative whatsoever
- It's just a matrix and they don't care

Is tehre any aspect that really affected the ranking
- In terms of their stand alone report, they haven't made any substantial changes
- The changes are just due to changes in stakeholders
- Some universities have larger staff teams impacting the rankings
- They do provide narrative though it is not required.

What are some difficulties you've encountered while creating an SDG report?
- They are a very large university very very large
- It is hard to cover all the ground
- The annual report is only a snapshot of the activity
- There's definitely gaps in some of their data sets
  - For instance environmetnal thehy have carbon but no social impact
- Some of their hr data is patchy and localized
- Sometimes reporting is an additional admin exercise but he values its importance
- There is a bit of a cultural barrier or assumption about reporting
- Some people don't spend enough time on reporting

Is there anything you would would recommend us as advice?
- He deosn't do reporting for reportings sake
- It is really important to reflect the important material issues
- Any report that you produce has to be of importance to organization and key stakeholders as well
- Specifically on the impact rankings, for him, it's about making sure colleagues understand what the IR are and methodology
- When you are producing the report foir the impact rankins it takes a whole orginizational approach, it's not just about one aspect

If we are looking for forums to share research there is a network that meets on a regular basis and matt is more than happy to include us in a future meeting agenda

Sarah Strauss Interview

Nobody speaks german
Start by translating name of sdg
Mobility is becoming prominent term
Stick to the same institutions or same countries
Don't jump to different set
Same language, not different than Berlin uses
Sticking with same languages rather than comparing different languages
Stick with german, us english, and uk english, italian or french
Don't do turkish or thai cuz it doesn't help
Maybe hong kong or taiwan
India could reflect uk english
5 locations/languages
Mobility can be used with examples from european and germanic
How you think about access and how its additive to climate issues
US paying no attention to problem
Amy Shaeller mobility studies
Look for shift in word usage over years

Keyword Glossary

SDG 4

SDG 4: Quality Education

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Hochwertige Bildung	Quality Education	SDG 4: Quality Education
IMT Atlantique (French)	Éducation De Qualité	Education Quality	SDG 4: Quality Education
University of Manchester (British English)	-	Quality Education	SDG 4: Quality Education
University of Georgia (American English)	-	Quality Education	SDG 4: Quality Education

Sustainability/Sustainable

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Nachhaltigkeits	Sustainability	Mit Ausrufen des Klimanotstandes im Jahr 2019 wurde die Verankerung von Nachhaltigkeits- und Klimaschutzthemen in den Curricula an der Freien Universität erneut forciert.	With the declaration of a climate emergency in 2019, the anchoring of sustainability and climate protection topics in the curricula at Freie Universität was pushed again.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Sustainable	Alongside our conventional course units, we offer a range of interdisciplinary units open to all students that ensure inclusive, sustainable and equitable education.	-
University of Georgia (American English)	N/A	N/A	N/A	N/A

Schools

	Native Language	Translated English	Context	Context (Translated English)

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Schule	Schools	Schulkooperationen stellen ebenso fest etablierte Bildungspartnerschaften der Freien Universität Berlin dar.	School cooperations are also well-established educational partnerships at Freie Universität Berlin.
IMT Atlantique (French)	Écoles	Schools	IMT Atlantique contribue à assurer l'accès de tous à une éducation de qualité, sur un pied d'égalité, et à promouvoir les possibilités d'apprentissage tout au long de la vie aux travers d'actions en interne, à l'extérieur du campus, dans les écoles de la région	IMT Atlantique works to ensure access for all to quality education, on an equal footing, and to promote lifelong learning opportunities through actions internally, outside the campus, in schools in the region
University of Manchester (British English)	-	Schools	Diversifying the school history curriculum	-
University of Georgia (American English)	N/A	N/A	N/A	N/A

Universities

	Native Language	Translated English	Context	Context (Translated English)

Freie Universität Berlin (German)	Universitäten	Universities	Das Netzwerk ermöglicht Schulklassen, Forschungseinrichtungen und Universitäten zu besuchen, um gemeinsam zu experimentieren und den Forschungsalltag kennenzulernen.	The network enables school classes to visit research institutions and universities in order to experiment together and get to know everyday research.
IMT Atlantique (French)	Universités	Universities	Le projet MERITE avec une collaboration entre des scientifiques de huit grandes écoles et universités du grand Ouest et du rectorat de l'académie de Nantes est financé par l'Etat	The MERITE project is a collaboration between scientists from 8 Engineering School and universities and the rectorate of Nantes.
University of Manchester (British English)	-	Universities	6th rank among UK universities	-
University of Georgia (American English)	-	Universities	UGA is one of the nation's largest public universities to require each of our undergraduate students to participate in experiential learning such as internships,	-

			research, study abroad, and servicelearning.	

Research

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Forschung	Research	Auch wissenschaftliche Erkenntnisse und Forschungsergebnisse sollen möglichst allen zugänglich gemacht werden	Scientific findings and research results should also be made accessible to everyone as far as possible.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Research	The collaborative History Lessons research project found that young people were keen to learn more inclusive histories but teachers needed additional support and new resources for a more inclusive curriculum.	-
University of Georgia (American	-	Research	CLASE provides professional development and	-

| **English)** | | | resources for K-12 educators, outreach support through mentoring and tutoring, program support in developing a pipeline to postsecondary education, and research to inform educators on ways to improve teaching and learning. | |

Diversity/Diversifying

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	Diversité	Diversity	Le dispositif d'égalité des chances BRIO a été mis en place afin d'apporter, au niveau local, une réponse aux questions de diversité et d'accès aux savoirs pour tous.	The equal opportunities system named BRIO was set up in order to provide, at the local level, an answer to the questions of diversity and access to knowledge for all
University of	-	Diversifying	Diversifying the	-

			school history curriculum	
Manchester (British English)				
University of Georgia (American English)	N/A	N/A	N/A	N/A

SDG 7

SDG 7: Affordable and Clean Energy

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Bezahlbare und Saubere Energie	Affordable and Clean Energy	SDG 7: Affordable and Clean Energy
IMT Atlantique (French)	Énergie Propre Et D'un Coût Abordable	Clean Energy and A Cost Affordable	SDG 7: Affordable and Clean Energy
University of Manchester (British English)	-	Affordable and Clean Energy	SDG 7: Affordable and Clean Energy
University of Georgia (American English)	-	Affordable and Clean Energy	SDG 7: Affordable and Clean Energy

Sustainable Energy

	Native Language	Translated English	Context	Context (Translated English)

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Nachhaltiger Energie	Sustainable Energy	Zahlreiche Forschungsprojekte erforschen an der Freien Universität Technologien nachhaltiger Energie und Umsetzungsmöglichkeiten.	Numerous research projects at Freie Universität research sustainable energy technologies and implementation options.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Sustainable Energy	Energy is one of our five research beacons and we have more than 600 academics addressing sustainable energy challenges.	-
University of Georgia (American English)	N/A	N/A	N/A	N/A

Renewable Energy

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Regenerativer Energien	Renewable Energy	Aus sozial- und politikwissenschaftlicher Perspektive setzt sich andererseits vor allem das Forschungszentr	On the other hand, from a social and political science perspective, the Research Center for

			um für Umweltpolitik (FFU) mit politischen und staatlichen Aktivitäten im Bereich regenerativer Energien, Energieeffizienz und der Politik der Energiewende auseinander.	Environmental Policy (FFU) is primarily involved in political and governmental activities in the field of renewable energies, energy efficiency and the politics of the energy transitionapart.
IMT Atlantique (French)	Énergie Renouvelable	Renewable Energy	IMT Atlantique participe à l'accroissement de la part de l'énergie renouvelable dans le monde, aussi bien pour ses bâtiments neufs que pour les rénovations énergétiques au travers de la recherche, de projets,	IMT Atlantique is helping to increase the share of renewable energy in the world, both for its new buildings and for energy renovations through our research and projects
University of Manchester (British English)	-	Renewable Energy	Our master's unit in Renewable Energy and Clean Technology equips students with a detailed understanding of solar, wind and marine energy generation technologies.	-
University of	N/A	N/A	N/A	N/A

Georgia (American English)				

Energy Efficiency

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Energieeffizienz	Energy Efficiency	Um Energieeffizienz zu steigern, werden auch bauliche Maßnahmen auf dem Campus entsprechend ausgerichtet.	In order to increase energy efficiency, structural measures on the campus are also aligned accordingly.
IMT Atlantique (French)	Rendement Énergétique	Energy Efficiency	Afin de maîtriser et d'améliorer le rendement énergétique de nos bâtiments, des travaux de rénovation sont engagés depuis plusieurs années en pensant à la réduction de la consommation d'énergie et des émissions de GES	In order to control and improve the energy efficiency of our buildings, renovation work has been underway for several years thinking to reduce energy consumption and GHG emissions.
University of Manchester (British English)	N/A	N/A	N/A	N/A
University of Georgia (American	-	Energy Efficiency	UGA reduced its energy use intensity per	-

			square foot by 22% between 2007 and 2020 through investments in the campus energy infrastructure, energy efficiency upgrades in campus buildings, and energy efficient design in new construction and renovations.	
English)				

Green/Greener Energy

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	Énergie Verte	Green Energy	Fournisseur énergie verte pour le bâtiment V à Nantes	Green energy supplier for building V in Nantes
University of Manchester (British English)	-	Greener Energy	Creating a fairer and greener energy supply	-
University of Georgia	N/A	N/A	N/A	N/A

(American English)				

Environment/Environmental

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	Environnementaux	Environmental	la construction tient compte des impacts environnementaux (exposition au soleil, au vent, etc.).	the construction takes into account environmental impacts (exposure to the sun, wind, etc.)
University of Manchester (British English)	-	Environment	Our Contemporary Themes in Chemistry unit enables students to appreciate the role chemistry plays in tackling sustainability, energy and the environment	-
University of Georgia (American English)	N/A	N/A	N/A	N/A

SDG 8

SDG 8: Decent Work and Economic Growth

	Native Language	**Translated English**	**Context**
Freie Universität Berlin (German)	Menschenwürdige Arbeit und Wirtschaftswachstum	Decent Work and Economic Growth	SDG 8: Decent Work and Economic Growth
IMT Atlantique (French)	Travail Décent Et Croissance Économique	Decent Work and Economic Growth	SDG 8: Decent Work and Economic Growth
University of Manchester (British English)	-	Decent Work and Economic Growth	SDG 8: Decent Work and Economic Growth
University of Georgia (American English)	-	Decent Work and Economic Growth	SDG 8: Decent Work and Economic Growth

Economic

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Ökonomischen	Economic	Der Arbeitsschwerpunkt Marketing und Ethik im Marketing-Department zielt auf die Integration von ökonomischen und ethischen Aspekten des Handels und den	The focus of work on marketing and ethics in the marketing department is aimed at integrating economic and ethical aspects of retail and developing the

			Aufbau entsprechender Kompetenzen bei allen beteiligten Stakeholdern.	relevant skills for all stakeholders involved.
IMT Atlantique (French)	Économique	Economic	IMT Atlantique s'engage à atteindre le 8ème objectif de développement durable et reconnaît l'importance d'une croissance économique soutenue, partagée et durable afin d'offrir à chacun un emploi décent et de qualité.	IMT Atlantique is committed to achieving Sustainable Development Goal 8 and recognises the importance of sustained, shared and sustainable economic growth to provide decent, quality employment for all.
University of Manchester (British English)	-	Economic	-	Our students are learning about how to promote inclusive and sustainable economic growth, employment and decent work for all.
University of Georgia (American English)	-	Economic	-	The Archway Partnership empowers communities to address long-standing and critical community and economic development

				needs.

Sustainable

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Nachhaltigen	Sustainable	Ein Schwerpunkt der Forschung am Fachbereich Wirtschaftswissenschaft liegt zudem im Bereich der nachhaltigen Finanzwissenschaft.	A focus of research at the Department of Economics is also in the field of sustainable finance.
IMT Atlantique (French)	Durables	Sustainable	Il promeut le développement d'opportunités de formation et d'emploi pour les nouvelles générations, accompagnée d'une montée en compétences sur les emplois « durables ».	It promotes the development of training and employment opportunities for new generations, with a focus on skills development for sustainable jobs.
University of Manchester (British English)	-	Sustainable	-	Our annual Prometheus programme offers learning and development opportunities for thirdsector leaders to make their organisations

				grow and be economically sustainable.
University of Georgia (American English)	N/A	N/A	N/A	N/A

Employees

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Mitarbeitenden	Employees	Der Dual Career & Family Service der Freien Universität Berlin steht Mitarbeitenden und Studierenden beratend zur Seite, wenn es um die Vereinbarkeit von Familie und Beruf bzw.	The Dual Career & Family Service at Freie Universität Berlin is available to advise employees and students when it comes to reconciling family and work or studies.
IMT Atlantique (French)	Salariés	Employees	IMT Atlantique vise à éradiquer le travail indigne et à assurer une protection de tous les salariés : homme, femme, salariés temporaires, intervenants externes, sous-traitants,	IMT Atlantique aims to eradicate undignified work and to ensure the protection of all employees: men, women, temporary employees, external contributors,

			fournisseurs, Français et internationaux.	subcontractors, suppliers, French and international.
University of Manchester (British English)	N/A	N/A	N/A	N/A
University of Georgia (American English)	N/A	N/A	N/A	N/A

Employer

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Arbeitgeberin	Employer	Als Arbeitgeberin sieht sich die FU in der Pflicht, ihre Angestellten zu fördern und ihnen ein förderndes Arbeitsumfeld zu schaffen.	As an employer, the FU sees it as its duty to promote its employees and to create a supportive working environment for them.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	N/A	N/A	N/A	N/A

University of Georgia (American English)	-	Employer	-	Partners include state entities, local governments, non-profit organizations, educational institutions, and employers.

Employment

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	D'emploi	Employment	Il promeut le développement d'opportunités de formation et d'emploi pour les nouvelles générations, accompagnée d'une montée en compétences sur les emplois « durables ».	It promotes the development of training and employment opportunities for new generations, with a focus on skills development for sustainable jobs.
University of	-	Employment	-	Our Work and

				Equalities Institute is providing the evidence base to inform global employment debates and policies.
Manchester (British English)				
University of Georgia (American English)	N/A	N/A	N/A	N/A

Gender

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Geschlechter	Gender	Ganz neu ist das FUTURA-Programm, welches Teilnehmende für ein genderkompetentes Handeln im Beruf weiterbildet und sie damit für eine erfolgreiche Gleichstellungsarbeit im Sinne der anvisierten Geschlechtergleichstellung (SDG 5)	The FUTURA range is brand new, which trains participants in gender-competent behavior at work and thus professionalises them for successful equality work in the sense of the targeted gender equality

			professionalisiert	
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Gender	-	Research is undertaken in three key areas: minimum wage and collective bargaining; the gender pay gap; and precarious work.
University of Georgia (American English)	N/A	N/A	N/A	N/A

<u>Professional</u>

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Berufliche	Professional	Die Freie Universität Berlin bietet über die akademische Ausbildung hinaus verschiedene Möglichkeiten, einen Beruf zu erlernen oder berufliche Erfahrungen zu sammeln.	In addition to academic training, Freie Universität Berlin offers various opportunities to learn a trade or gain professional experience.
IMT Atlantique (French)	N/A	N/A	N/A	N/A

University of Manchester (British English)	-	Professional	-	We deliver free activities and resources for the public, private and third sector including vocational training, executive education and continued professional development.
University of Georgia (American English)	N/A	N/A	N/A	N/A

SDG 9

SDG 9: Industry, Innovation, and Infrastructure

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Industrie, Innovation und Infrastruktur	Industry, Innovation, and Infrastructure	SDG 9: Industry, Innovation, and Infrastructure
IMT Atlantique (French)	Industrie Innovation Et Infrastructure	Industry Innovation, and Infrastructure	SDG 9: Industry, Innovation, and Infrastructure
University of Manchester (British English)	-	Industry Innovation, and Infrastructure	SDG 9: Industry, Innovation, and Infrastructure
University of Georgia (American English)	-	Industry Innovation, and Infrastructure	SDG 9: Industry, Innovation, and Infrastructure

<u>Infrastructure</u>

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Infrastrukturen	Infrastructure	Die Freie Universität Berlin arbeitet kontinuierlich an der Verbesserung und Optimierung ihrer Campus-Infrastrukturen hinsichtlich ihrer Energieeffizienz und Nachhaltigkeit.	Freie Universität Berlin works continuously to improve and optimize its campus infrastructure in terms of energy efficiency and sustainability.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Infrastructure	This includes the Development in Africa with Radio Astronomy and Big Data programmes, supporting self-sustaining research communities and investment in new research infrastructure in Africa	-
University of Georgia (American English)	-	Infrastructure	The Institute for Resilient Infrastructure Systems (IRIS)	-

| | | | advances the integration of natural and conventional infrastructure systems to strengthen society's long term resilience to flooding, sea level rise, drought, and other disruptions. | |

Digitization/Digital

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Digitalisierung	Digitization	Im Handlungsfeld Digitalisierung befasst sich das Center für Digitale Systeme (CeDis) mit der Entwicklung von sicherer und nachhaltiger Infrastruktur.	In the field of digitization, the Center for Digital Systems (CeDis) deals with the development of secure and sustainable infrastructure.
IMT Atlantique (French)	Numériques	Digital	Accompagnement des transitions numériques, industrielles et énergétiques des	Supporting digital, industrial and energy transitions for companies.

	Native Language	Translated English	Context	Context (Translated English)
University of Manchester (British English)	-	Digital	Our Digital Futures network is helping communities, business and governments drive digital innovation	-
University of Georgia (American English)	N/A	N/A	N/A	N/A

(continued from previous row)

			entreprises. Réponse aux grands enjeux de ses partenaires industriels en termes de recrutement	Responding to the major challenges of its industrial partners in terms of recruitment -

Innovative/Innovation

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Innovation	Innovation	An der Freien Universität bietet die Service-Einrichtung Profund Innovation Unterstützung, Beratung und Förderung in den Bereichen Unternehmensgründungen und Innnovation.	At Freie Universität, the service facility Profund Innovation offers support, advice and funding in the areas of business start-ups and innovation.
IMT Atlantique	Innovantes	Innovative	Contribution au	Contributing to

(French)			dynamisme du tissu économique régional et national par la création d'emplois notamment par la formation à l'entrepreneuriat, l'identification et l'accompagnement à la création d'entreprises innovantes.	boosting the regional and national economic area by creating jobs, in particular through entrepreneurship training, identification and support for the creation of innovative businesses
University of Manchester (British English)	-	Innovation	-	At Manchester, we pride ourselves on our ability to think differently and pioneer innovations across multiple sectors:
University of Georgia (American English)	-	Innovation	-	The UGA Innovation District is a community of people, programs, and places working together to foster an ecosystem of innovation, entrepreneurship, and learning.

Business

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	Bereichen	Business	An der Freien Universität bietet die Service-Einrichtung Profund Innovation Unterstützung, Beratung und Förderung in den Bereichen Unternehmensgründungen und Innnovation.	At Freie Universität, the service facility Profund Innovation offers support, advice and funding in the areas of business start-ups and innovation.
IMT Atlantique (French)	D'entreprises	Business	Contribution au dynamisme du tissu économique régional et national par la création d'emplois notamment par la formation à l'entrepreneuriat, l'identification et l'accompagnement à la création d'entreprises innovantes.	Contributing to boosting the regional and national economic area by creating jobs, in particular through entrepreneurship training, identification and support for the creation of innovative businesses.
University of Manchester (British English)	-	Business	-	Our Manchester Innovation Labs provide a robust, effective means of co-developing research projects with companies to address a business need.

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University of Georgia (American English)	-	Business	-	Through collaborative partnerships, IRIS empowers communities and businesses to discover wise infrastructure solutions that deliver a broad array of social, economic, and environmental benefits

Start-Up

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Unternehmensgründungen	Start-Up	Das Technologie- und Gründerzentrum FUBIC entsteht in unmittelbarer Nähe zum FU-Campus Dahlem und zeichnet sich durch ein intelligentes und bedarfsgerecht gesteuertes	The technology and start-up center FUBIC is being built in the immediate vicinity of the FU campus in Dahlem and is characterized by an intelligent and needs-based energy system, which is to be supplied purely

			Energiesystem aus, welches rein elektrisch und CO2-neutral über erneuerbare Energien versorgt werden soll.	electrically and CO 2 -neutrally using renewable energies.
IMT Atlantique (French)	Start-up	Start-Up	Nombre de start-up	Number of start-ups
University of Manchester (British English)	N/A	N/A	N/A	N/A
University of Georgia (American English)	N/A	N/A	N/A	N/A

<u>Entrepreneurship</u>

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Entrepreneurship	Entrepreneurship	Das Department Wirtschaftsinformatik hat zudem Forschungsschwerpunkte in den Bereichen Entrepreneurship, intelligenter, öffentlicher Personenverkehr (ÖPNV) und technologiebasierte	The Department of Business Informatics also focuses on research in the areas of entrepreneurship, intelligent public transport and technology-based change processes.

			Veränderungsprozesse.	
IMT Atlantique (French)	L'entrepreneuriat	Entrepreneurship	Contribution au dynamisme du tissu économique régional et national par la création d'emplois notamment par la formation à l'entrepreneuriat, l'identification et l'accompagnement à la création d'entreprises innovantes	Contributing to boosting the regional and national economic area by creating jobs, in particular through entrepreneurship training, identification and support for the creation of innovative businesses.
University of Manchester (British English)	-	Entrepreneurship	-	Our Masood Entrepreneurship Centre is a focal point for enterprise and entrepreneurship in our Alliance Manchester Business School, developing entrepreneurial skills in students, staff and graduates.
University of Georgia (American English)	-	Entrepreneurship	-	The UGA Innovation District is a community of people, programs, and places working together to

				foster an ecosystem of innovation, entrepreneurship, and learning.

SDG 13

SDG 13: Climate Action

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Maßnahmen zum Klimaschutz	Measures to Protect the Climate	SDG 13: Climate Action
IMT Atlantique (French)	Mesures Relatives À La Lutte Contre Les Changements Climatiques	Measures Relating to the Fight Against Climate Change	SDG 13: Climate Action
University of Manchester (British English)	-	Climate Action	SDG 13: Climate Action
University of Georgia (American English)	-	Climate Action	SDG 13: Climate Action

Climate Change

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin	Klimawandel	Climate Change	Die Freie Universität Berlin ist	Freie Universität Berlin is a member of

(German)			Mitglied in verschiedenen Verbänden und Netzwerken, die sich mit Klimawandel und Klimapolitik auseinandersetze n und Synergien bilden.	various associations and networks that deal with climate change and climate policy and create synergies.
IMT Atlantique (French)	Changements Climatiques	Climate Change	IMT Atlantique a pour mission d'améliorer l'éducation, la sensibilisation et les capacités individuelles et institutionnelles en ce qui concerne l'adaptation aux changements climatiques au travers de projets de recherche et de conférences ouvertes à tous :	IMT Atlantique mission is to improve education, awareness and individual and institutional capacities regarding adaptation to climate change through research projects and conferences open to all:
University of Manchester (British English)	-	Climate Change	-	Our academics are involved in GrowGreen, a five year, EU-wide project that promotes nature-based solutions to climate change.
University of Georgia (American English)	N/A	N/A	N/A	N/A

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Klimaschutz	Sustainability	Mehr als ein Drittel der laufenden Forschungsprojekten haben einen Nachhaltigkeitsbezug, darunter haben sich zahlreiche explizit mit dem Klimaschutz auseinandergesetzt.	More than a third of the ongoing research projects are related to sustainability, many of which have explicitly dealt with climate protection.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Sustainability	-	The project involves a range of citizens, business and public-private partnerships in neighbourhoods and across cities to promote learning, sharing and replicating nature-based solutions and strategies to urban sustainability challenges.
University of Georgia (American English)	-	Sustainable	-	Through courses, seminars, capstones, and

				portfolios, students develop the key competencies that help them innovate sustainable solutions in a wide range of disciplines.

Environment/Environmental

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Umwelt	Environment	Am Institut für Biologie wird vielfältig und interdisziplinär zu Biodiversität und den Folgen für Klima und Umwelt geforscht.	At the Institute of Biology , diverse and interdisciplinary research is carried out on biodiversity and the consequences for climate and environment.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Environmental	-	The Museum will host the 'roots', creating a nationally significant co-working hub of cultural environmental action that will bring together museum staff,

				educators, environmentalists, artists, researchers, third sector organisations and students.
University of Georgia (American English)	N/A	N/A	N/A	N/A

Energy Efficiency

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Energieeffizienz	Energy Efficiency	Meilensteine des nachhaltigen und klimafreundlichen Campusmanagements sind ein universitätsweites Energie-Onlinemonitoring, gezielte Energieeffizienzprogramme, ein Green-IT-Programms und der Bezug CO_2-neutralen Stroms, der auf einer Entscheidung des Berliner Abgeordnetenhauses basiert.	Milestones of the sustainable and climate-friendly campus management are university-wide online energy monitoring , targeted energy efficiency programs
IMT Atlantique (French)	D'efficacité énergétique	Energy Efficiency	En raison des conditions météorologiques changeantes causées par le	Due to changing weather conditions caused by the global warming

			réchauffement climatique et les mesures de rénovation des bâtiments déclenchées par les nouvelles politiques d'efficacité énergétique des bâtiments, la demande de chaleur des bâtiments à l'avenir est susceptible de diminuer.	and building renovation measures triggered by new building energy efficiency policies, building heat demand in the future is likely to decrease.
University of Manchester (British English)	N/A	N/A	N/A	N/A
University of Georgia (American English)	-	Energy Efficiency	-	UGA reduced its energy use intensity per square foot by 22% between 2007 and 2020 through investments in the campus energy infrastructure, energy efficiency upgrades in campus buildings, and energy efficient design in new construction and renovations.

	Native Language	**Translated English**	**Context**	**Context (Translated English)**
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Carbon Footprint	-	Climate scientists at our Tyndall Centre have partnered with Bristol-based band Massive Attack, to jointly examine the carbon footprint of the music industry
University of Georgia (American English)	-	Carbon Footprint	-	As part of the Drawdown Georgia project, researchers at the University of Georgia have partnered with faculty from other leading institutions to identify solutions to reduce the state's carbon footprint.

Carbon Reduction

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Carbon Reduction	-	This foundational research established the importance of embedding carbon budgets – rather than end point targets – in setting carbon reduction targets.
University of Georgia (American English)	-	Carbon Reduction	-	"Sustainable food, agriculture, and forestry systems are the backbone of Georgia's rural economy and can offer a plethora of climate solutions to meet Georgia's carbon reduction goals.'

<u>Greenhouse Gas Emissions</u>

	Native	Translated	Context	Context

	Language	English		(Translated English)
Freie Universität Berlin (German)	N/A	N/A	N/A	N/A
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Greenhouse Gas Emissions	-	This has transformed how reducing greenhouse gas emissions is understood and addressed by the United Nations' Intergovernmental Panel on Climate Change (IPCC) and has fed directly into policy recommendations made by the European Environment Agency.
University of Georgia (American English)	-	Greenhouse Gas Emissions	-	Energy use in UGA facilities is responsible for an overwhelming majority of the University's overall greenhouse gas emissions, so energy conservation and renewable energy are critical

				components of UGA's Sustainability Plan.

SDG 16

SDG 16: Peace, Justice and Strong Institutions

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Frieden, Gerechtigkeit und starke Institutionen	Peace, Justice, and Strong Institutions	SDG 16: Peace, Justice and Strong Institutions
IMT Atlantique (French)	Paix, Justice Et Institutions Efficaces	Peace, Justice, and Institutions Effective	SDG 16: Peace, Justice and Strong Institutions
University of Manchester (British English)	-	Peace, Justice, and Strong Institutions	SDG 16: Peace, Justice and Strong Institutions
University of Georgia (American English)	-	Peace, Justice, and Strong Institutions	SDG 16: Peace, Justice and Strong Institutions

Peaceful

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin (German)	Friedlichen	Peaceful	Die FU setzt sich auf verschiedenen Wegen für	The FU supports people who come from less peaceful and just

	Native	Translated	Context	Context
			Menschen ein, die aus weniger friedlichen und gerechten Gesellschaften kommen.	societies in different ways.
IMT Atlantique (French)	Pacifiques	Peaceful	IMT Atlantique promeut l'avènement de sociétés pacifiques et ouvertes à tous et la mise en place des institutions efficaces, responsables et ouvertes à tous au travers de projets de recherche et du collège des transitions sociétales	IMT Atlantique promotes the advent of peaceful societies open to all and the establishment of efficient, responsible and open institutions through research projects and the college of societal transitions
University of Manchester (British English)	-	Peaceful	-	We're committed to promoting peaceful and just societies through a wide range of study programmes.
University of Georgia (American English)	N/A	N/A	N/A	N/A

Freedom

	Native	Translated	Context	Context

	Language	English		(Translated English)
Freie Universität Berlin (German)	Freiheit	Freedom	Er wird jährlich an Persönlichkeiten verliehen, die sich im politischen, gesellschaftlichen oder wissenschaftlichen Kontext für Freiheit einsetzen.	It is awarded annually to personalities who work for freedom in a political, social or scientific context.
IMT Atlantique (French)	N/A	N/A	N/A	N/A
University of Manchester (British English)	-	Freedom	-	IPOW enables communities and grassroots change-makers in music, theatre and across the arts to transform a culture of violence and suffering into hope, opportunity and freedom.
University of Georgia (American English)	N/A	N/A	N/A	N/A

Society

	Native Language	**Translated English**	**Context**	**Context (Translated English)**

Freie Universität Berlin (German)	Gesellschaften	Societies	Die FU setzt sich auf verschiedenen Wegen für Menschen ein, die aus weniger friedlichen und gerechten Gesellschaften kommen.	The FU supports people who come from less peaceful and just societies in different ways.
IMT Atlantique (French)	Sociétés	Societies	IMT Atlantique promeut l'avènement de sociétés pacifiques et ouvertes à tous et la mise en place des institutions efficaces, responsables et ouvertes à tous au travers de projets de recherche et du collège des transitions sociétales :	IMT Atlantique promotes the advent of peaceful societies open to all and the establishment of efficient, responsible and open institutions through research projects and the college of societal transitions
University of Manchester (British English)	-	Society	-	This will develop relationships with organisations across the private, public and civil society sectors, and support them to record information related to modern slavery, human trafficking and

				exploitation.
University of Georgia (American English)	N/A	N/A	N/A	N/A

SDG 17

SDG 17: Partnership for the Goals

	Native Language	Translated English	Context
Freie Universität Berlin (German)	Partnerschaften zur Erreichung der Ziele	Partnerships to Achieve the Goals	SDG 17: Partnership for the Goals
IMT Atlantique (French)	Partenariats Pour La Réalisation Des Objectifs	Partnerships for the Realization Objectives	SDG 17: Partnership for the Goals
University of Manchester (British English)	-	Partnerships for the Goals	SDG 17: Partnership for the Goals
University of Georgia (American English)	-	Partnerships for the Goals	SDG 17: Partnership for the Goals

Partners/Partnerships

	Native Language	Translated English	Context	Context (Translated English)
Freie Universität Berlin	Partnern	Partners	Im Rahmen der University Alliance for	Dialogues, workshops and other exchange

(German)			Sustainability finden regelmäßig Dialoge, Workshops und andere Austauschformate statt, um Nachhaltigkeit auf dem Campus und im Universitätsmanagement gemeinsam mit ausländischen Partnerinnen und Partnern weiterzuentwickeln.	formats take place regularly as part of the University Alliance for Sustainability in order to further develop sustainability on campus and in university management together with foreign partners
IMT Atlantique (French)	Partenariats	Partnerships	IMT Atlantique participe au renforcement de la cohérence des politiques de développement durable, au renforcement du Partenariat mondial pour le développement durable, associé à des partenariats multipartites permettant de mobiliser et de partager des savoirs, des connaissances spécialisées et des technologies au travers de projets de recherche et d'actions	IMT Atlantique participates in strengthening the coherence of sustainable development policies, in strengthening the Global Partnership for Sustainable Development, associated with multi-stakeholder partnerships making it possible to mobilize and share knowledge, specialized knowledge and technologies through research projects and various actions

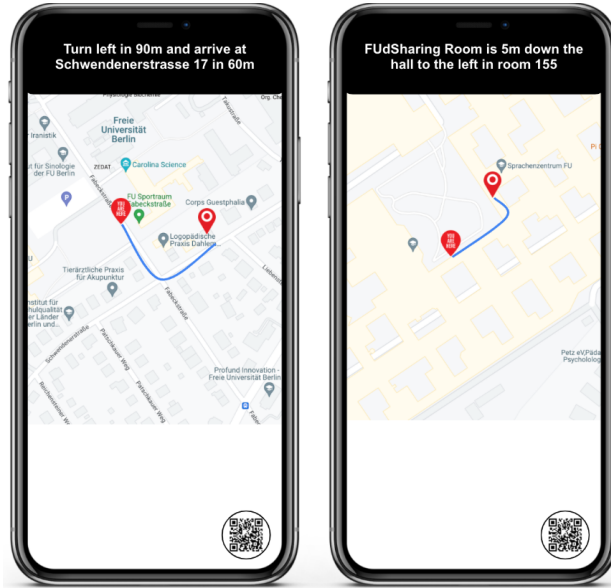|				
				diverses
University of Manchester (British English)	-	Partnerships	-	We're committed to empowering students with the knowledge, skills and opportunities to address all of the SDGs through partnerships with public, private and civil society organisations.
University of Georgia (American English)	-	Partnership	-	As part of a global partnership with academics and human rights practitioners worldwide, the Human Rights Measurement Initiative produces annual metrics on government respect for eight civil and political rights and five economic and social rights.

<u>Networks</u>

	Native Language	Translated English	Context	Context (Translated English)

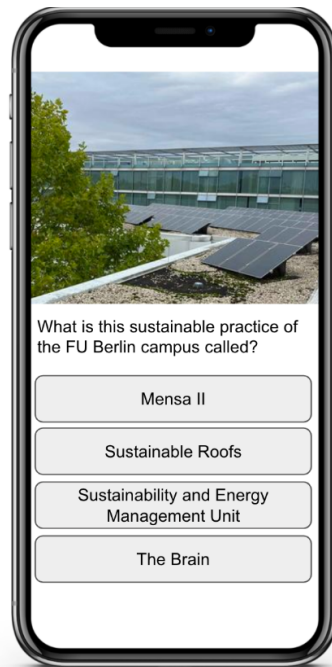|				
Freie Universität Berlin (German)	Netzwerke	Networks	Die Freie Universität fördert über diese Netzwerke hinaus auch die Mobilität von Forschung - durch Auslandsaufenthalte, internationale Gastprofessuren, Vorlesungsreihen	Beyond these networks, Freie Universität also promotes the mobility of research - through stays abroad, international visiting professorships, lecture series
IMT Atlantique (French)	Réseaux	Network	Communication régionale, nationale et internationale des actions DD&RS et des contributions aux ODDs, au travers de pages web dédiées, de relais sur les réseaux sociaux, de la réalisation de vidéos, de rapports, de relations presse etc...	Regional, national and international communication of DD&RS actions and contributions to ODDs, through dedicated web pages, relaying on social networks, video production, reports, press relations, etc...
University of Manchester (British English)	N/A	N/A	N/A	N/A
University of Georgia (American English)	N/A	N/A	N/A	N/A

Actionbound App Interactive Offer Ideas

Main Screen

Detailed Description

Guess the Location

What is this sustainable practice of the FU Berlin campus called?

- Mensa II
- Sustainable Roofs
- Sustainability and Energy Management Unit
- The Brain

Trivia

University Alliance for Sustainability

Which of the following universities is not part of the University Alliance for Sustainability?

- Aalborg University (Denmark)
- Peking University (China)
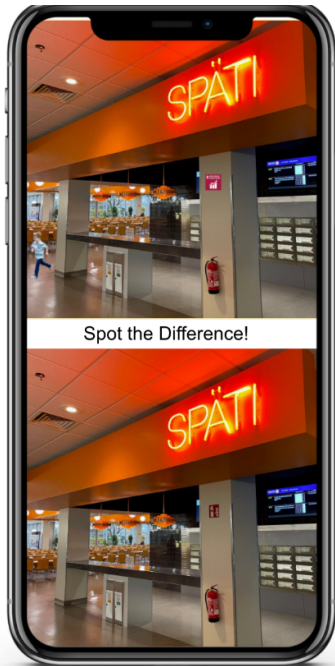- University of British Columbia (Canada)
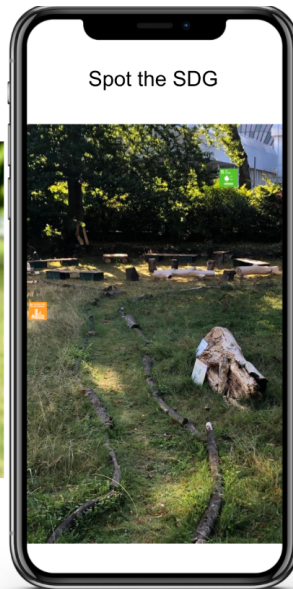- St. Petersburg State University (Russia)

Spot the Difference

Spot the SDG

Surveys

Documenting Sustainable Practices at FU Berlin

Degree Program___Masters Physics___

Have you taken sustainability classes at FU Berlin?

Yes ☒ No ☐ Which classes?___Environmental___

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

___Materials Research___

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

___Trivia___ (favorite)

___Spot difference___

_____

_____

_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

___No, I would rather take a course___

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program _Bachelor of Art_

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   ③   4   5

What sustainability efforts have you heard about on campus?

not sure, but knows it a thing

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

_spot the SDG_____ (favorite)

_filling_____

_guess the location_____

_scavenger hunt_____

_spot the difference_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

Maybe

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program ___Bachelors of Science___

Have you taken sustainability classes at FU Berlin?

Yes ☒ No ☐ Which classes? ___Energy___

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

___None___

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

___Trivia___ (favorite)
___Spot the SDG___
___Spot the diff___
___Location Quiz___
___Scavenger Hunt___ (least favorite)

Would you take a sustainability campus tour? Why or why not?

___Yes, I would like to learn___
___more___

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program _Biology_

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

_____the roofs with energy_____

_____

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

___spot the SDG_____ (favorite)

___trivia_____

___scavenger hunt_____

___spot the difference___

___guess the location____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

_____maybe, depending on theme_____

_____

_____

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program _finished pharmacy_

Have you taken sustainability classes at FU Berlin?

Yes ☒ No ☐ Which classes? _Blätterlaube, Unigardening (both from susti it!)_

How important is a sustainable campus environment to you?   1 ☒ 2 ☐ 3   4 ⑤ _He ment 5_

What sustainability efforts have you heard about on campus?

participating & coordinating the Unigardening
community garden

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

1. SDG _____ (favorite)
2. SCHVENSER HUNT
3. Location Quiz
4. Trivia
5. Spot the difference (least favorite)

Would you take a sustainability campus tour? Why or why not?

yes + support each other in networking
on sustainability

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program___B.S. CS_____

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

___Goal to become climate neutral by 2025___
___Photovoltaic___

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

___Spot the SDG_____ (favorite)
___guess the location.___
___Scavenger hunt___
___Spot the difference___
___trivia_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

___Yes, for event___
___sustainability is important___
___Climate neutrality is important for university___
___role as well___

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☑   No ☐

app should run in browser
not download

Documenting Sustainable Practices at FU Berlin

Degree Program ___Physics BS_____

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

___Climate neutral 2025_____

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

___Scavenger hunt_____ (favorite)

___guess the location_____

___Spot the SDG_____

___Spot the difference_____

___trivia_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

___yes_____

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☑   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program ___Chem + Physics_____

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

___Fridays for change_____

_____

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

SPOT SDG_____ (favorite)

Scavenger Hunt   (audio)

Spot the difference

Guess the location

Trivia_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

___Yes, if it was ~~mor~~ technical_____

_____

_____

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program _Bachelor of Science_

Have you taken sustainability classes at FU Berlin?

Yes ☐ No ☒ Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

Haven't seen much due to online classes

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

_Spot SDG_____ (favorite)

_Guess location_____

_Scavenger hunt_____

_Trivia_____

_Spot diff_____ (least favorite)

Would you take a sustainability campus tour? Why or why not?

_Yes, if I have time_____

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Documenting Sustainable Practices at FU Berlin

Degree Program **Bachelor of Art**

Have you taken sustainability classes at FU Berlin?

Yes ☐   No ☒   Which classes?_____

How important is a sustainable campus environment to you?   1   2   3   4   ⑤

What sustainability efforts have you heard about on campus?

Large Sustainable info board

Have you heard about the Actionbound App virtual tours?

Yes ☐   No ☒

Take a look at our draft for the FU Berlin Actionbound App for sustainability!

Rank the interactive offer ideas from your favorite to least favorite

Spot SDG _____ (favorite)

Scavenger

Guess location

Trivia

Spot the difference (least favorite)

Would you take a sustainability campus tour? Why or why not?

Yes, if I have time

Would you participate in the FU Berlin Actionbound App once it is created?

Yes ☒   No ☐

Sponsor Description

Freie Universität Berlin is a leading research institution located in Berlin, Germany. As a public research institution, FU Berlin is one of the 13 German universities funded through the German government's Excellence Strategy (Guiding Principles, n.d). Along with its partners, Humboldt-Universität zu Berlin, Technische Universität Berlin, and Charité – Universitätsmedizin Berlin, FU Berlin is working towards turning Berlin into an integrated research environment and one of Europe's leading research hubs (Guiding Principles, n.d).

Freie Universität Berlin was founded in 1948 by a group of professors and students. The idea of founding a free university gained a lot of support in the international community and this included financial support (Guiding Principles, n.d). This support allowed for the Universität to become a university with an outstanding internal reputation. Since 1948, the motto of the Universität has always been the three values: Truth, Justice, Liberty (Guiding Principles, n.d).

The Latin words *veritas*, *justitia*, and *libertas*, frame the seal of Freie Universität Berlin and showcase the values that define the academic ethos of the university ever since its founding (Veritas, n.d). *Veritas*, or truth, is the highest aim of the research and other teaching activities at the university. Focusing on truth allows for a clear interest in any findings and helps to protect these activities from bad academic practices (Veritas, n.d). *Justitia*, or justice, talks about the university's alignment to a canon of values that are primarily led by personal commitment and social responsibility. This pillar also shows the university's acceptance for students from all over the world (Veritas, n.d). The last word, *Libertas* or freedom, is the basic prerequisite for research and teaching activities here at FU Berlin. The interaction between the three guiding principles of the university is extremely fundamental and allows for a space of intellectual commonality and open discourse (Veritas, n.d).

In the 1960s, Freie Universität Berlin was one of the main sites in Germany for student protests aimed towards greater openness, equality, and democracy (Guiding Principles, n.d). After the German reunification in 1990, the university shifted its focus and in turn, increased its research activities, number of graduates, successful doctoral candidates, and publications (Guiding Principles, n.d).

As of the academic year 2020-2021, there are 30,000 students enrolled in bachelor's and master's degree programs at the university. Out of these students, 13% and 28% of students are from abroad in the bachelor's programs and master's programs respectively (Facts and Figures, n.d). In addition, there are 4,000 doctoral students out of which 36% are from abroad. At the university, there are also 376 professors, 93 fixed-term professors, and 4,550 staff members (Facts and Figures, n.d).

Being a leading research institution, Freie Universität Berlin has 11 academic departments, 1 joint medical school with Humboldt-Universität, 4 transdisciplinary central institutes consisting of 178 degree programs out of which 73 are undergraduate degree programs and 105 are master's degree programs. There are also a noted 51 doctoral programs (Facts and Figures, n.d).

The project aims to focus on providing FU Berlin with an overview and recommendations of the best practice in SDG which is the United Nations' Sustainable Development Goals. FU Berlin is dedicated to fulfilling local and global sustainable development. From their university website, it is evident that sustainability is important in their practice as they state "Sustainability is a prominent aspect of learning and teaching at our university as well as life on campus in general." (Mission Statement, n.d). In addition, the university is open to different disciplines, methods and perspectives. Popular issues like climate change and other social and ecological transformations are also addressed in courses (Mission Statement, n.d).

Important international community issues like climate protection, conserving biodiversity, the fight against poverty, and intergenerational justice are just a few challenges that university sees the need to be met (Sustainability, n.d). In 2016, FU Berlin adopted a sustainability mission statement which pledges to implement sustainability practices in all areas of the university namely research, teaching, knowledge transfer, administration, and on campus as (Sustainability, n.d). The university also aims for the integration of education for sustainable development where sustainability is included in the university curriculum itself (Sustainability Mission, n.d).
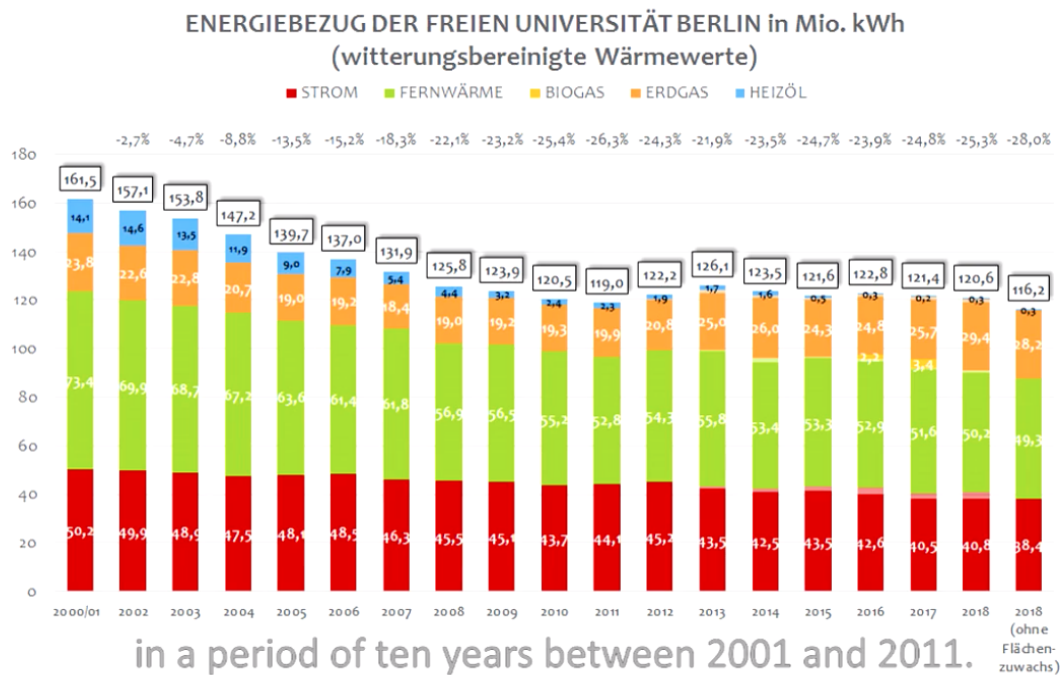
Freie Universität Berlin is also actively involved in the discussion about the Global Sustainable Development Goals adopted by the United Nations in 2015 (Sustainability, n.d). Through research, teaching, and coursework, university members look for solutions to the previously mentioned global challenges. In 2017, 30% of the university's research projects and 15% of the courses were related to sustainability. As of the 2018-2019 academic year, courses within the skill area: sustainable development, have been added to the catalog (Sustainability, n.d).

It is very important for the university to be involved in campaigns centered around sustainability and environmental consciousness. By taking an active role in this field, Freie Universität Berlin is setting an example for other universities in both Germany and Europe as a whole. Part of their mission is to work to a more sustainable future, and to change the way our society views sustainability. Change begins from within, the university has been making strong efforts to become more sustainable as a whole in hopes to inspire other educational institutions to follow. They care about using their energy efficiently and between 2001 and 2011 they reduced their energy consumption by 26%, which resulted in saving 42 million kilowatt hours. It stayed roughly stable after that despite enrollment increasing by roughly 14% in the following years (Sustainability Report, 2018).

The university also cares about gender equality and diversity, as they are important parts of "social sustainability." They have 56% female staff, and roughly 60% female students. They acknowledge that they still could be better though, as only 32% of tenured professors in 2017 were women. The university strives to provide an equal opportunity for everyone (Sustainability Report, 2018).
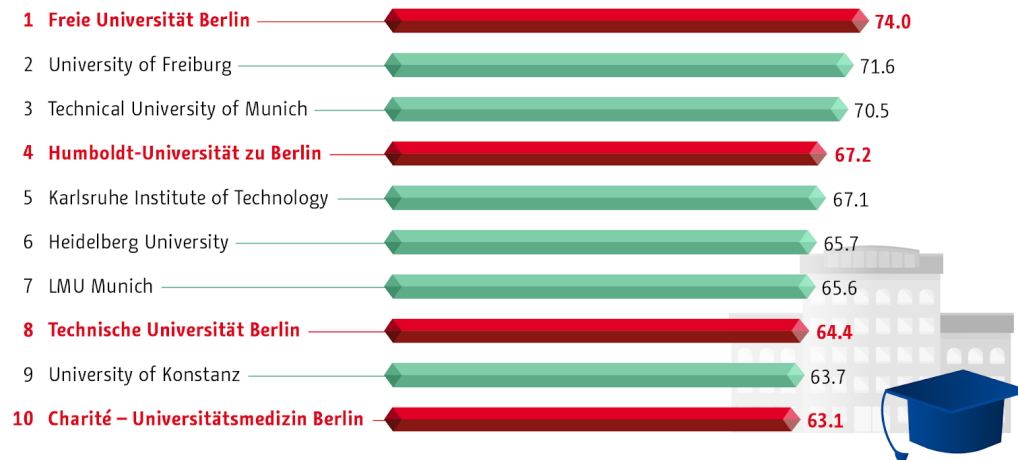
The project we are pursuing plays a huge role in this sustainable future. Freie Universität Berlin's goal is to develop a strong SDG report and display their environmental consciousness and create attention around metrics to evaluate the sustainability of un3iversities. FU Berlin has made it clear that one of their main goals as an institution is to build a global network in order to spread their ideals and teachings. Through these efforts they'll help establish normalized metrics such as the Impact rankings to gauge a universities research, outreach, and teaching, regarding sustainability.

Short Video about Sustainability at Freie Universität Berlin

ENERGIEBEZUG DER FREIEN UNIVERSITÄT BERLIN in Mio. kWh
(witterungsbereinigte Wärmewerte)

in a period of ten years between 2001 and 2011.

Most international universities in Germany

International outlook (index score rating the proportion of international students, international staff and international collaboration)

1	**Freie Universität Berlin**	**74.0**
2	University of Freiburg	71.6
3	Technical University of Munich	70.5
4	**Humboldt-Universität zu Berlin**	**67.2**
5	Karlsruhe Institute of Technology	67.1
6	Heidelberg University	65.7
7	LMU Munich	65.6
8	**Technische Universität Berlin**	**64.4**
9	University of Konstanz	63.7
10	**Charité – Universitätsmedizin Berlin**	**63.1**

Source: Times Higher Education World University Rankings 2019

University World Rankings

World University Rankings ⓘ
by Times Higher Education

	83	118	117
	2022	2021	2020

QS World University Rankings ⓘ
by TopUniversities

	127	130	130
	2022	2021	2020

Best Global Universities Rankings ⓘ
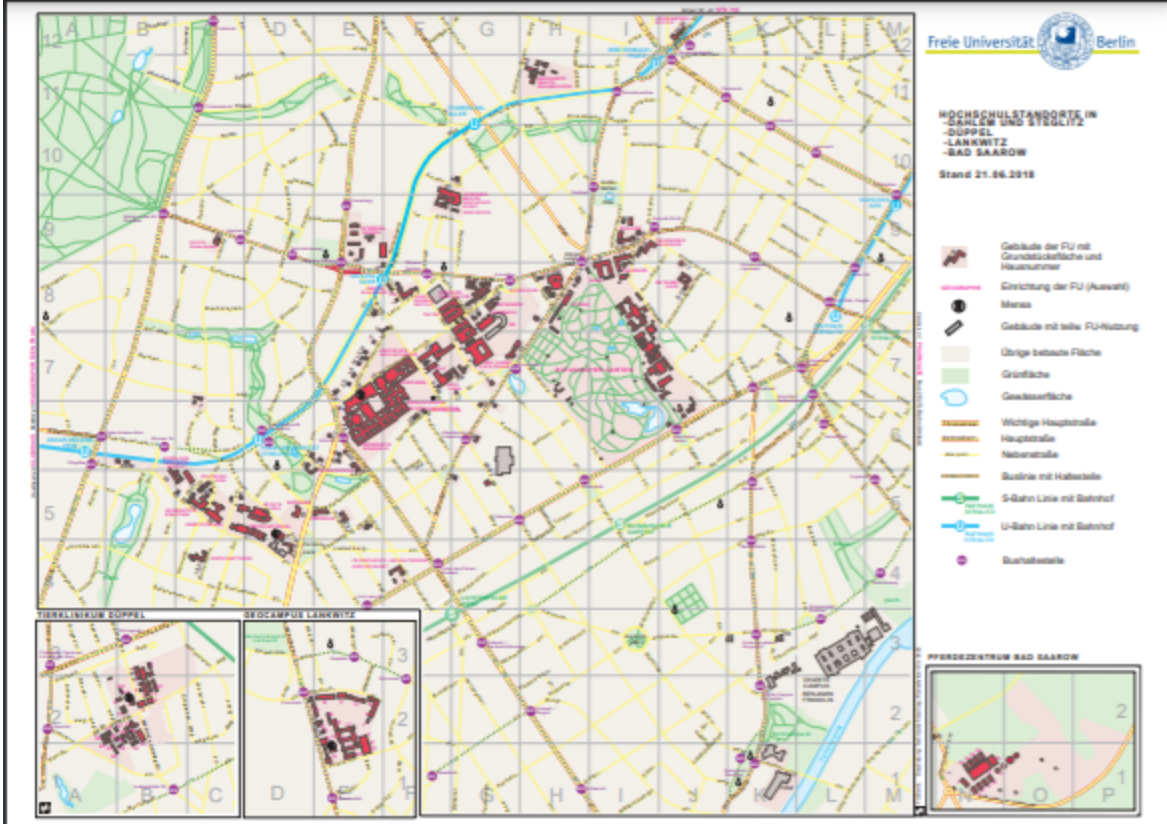by U.S. News & World Report

	-	111	122
	2022	2021	2020

CO₂-Emissions 2000-2017 in thousand tons

-33.1% / *-36.1%*

-80.4% / *-80.9%*

- ■ CO₂-emissions based on GEMIS/UBA
- ■ CO₂-emissions as procured

The energy use includes the energy consumption of canteens and cafeterias of the *studierendenWerk BERLIN*.
italics: without increase in floor space
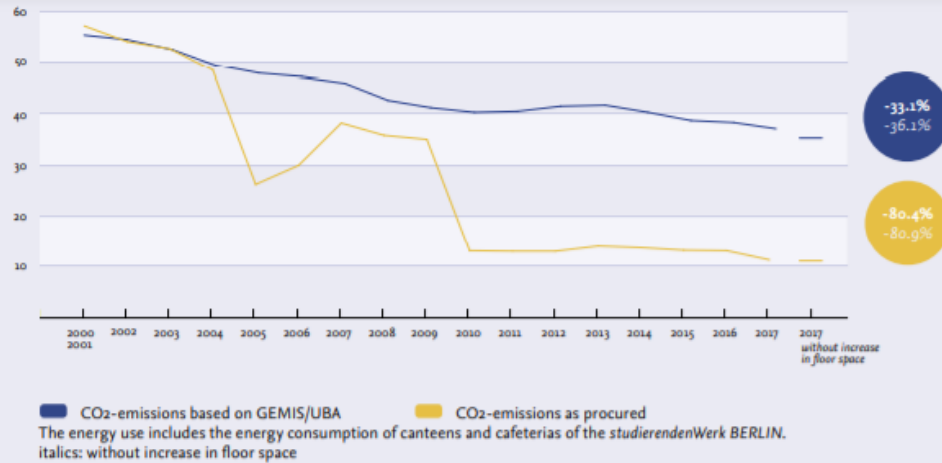
Energy Procurement 2000-2017 in M kWh weather-adjusted data

161.5 157.1 153.8 147.2 139.7 137.0 131.9 125.8 123.9 120.5 119.0 122.2 126.1 123.5 121.6 122.8 121.2 116.9

2000/01 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2017 *without increase in floor space*

- ■ Electricity
- ■ District Heating
- ■ Natural Gas
- ■ Heating Oil
- ■ Biogas

The energy use includes the energy consumption of canteens and cafeterias of the *studierendenWerk BERLIN*.
italics: without increase in floor space

Energy Procurement 2000-2017 in percent

-24.9% / *-27.6%*
Energy Procurement total

-29.8% / *-30.9%*
District Heating

-19.3% / *-24.1%*
Electricity

+22.1% / *+17.3%*
Natural Gas & Biogas

-98.8% / *-98.8%*
Heating Oil

40
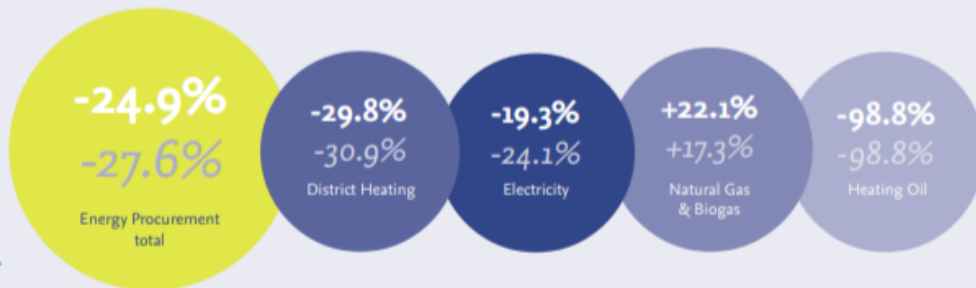
Sources:

https://www.iau-hesd.net/sites/default/files/documents/sustainability-report_2018.pdf

https://www.fu-berlin.de/en/index.html

https://www.fu-berlin.de/en/sites/nachhaltigkeit/index.html

https://www.fu-berlin.de/en/universitaet/index.html

https://www.fu-berlin.de/en/universitaet/leitbegriffe/gruendungsgeschichte/veritas-lustitia-libertas/index.html

https://www.fu-berlin.de/en/universitaet/leitbegriffe/index.html

https://www.fu-berlin.de/en/universitaet/leitbegriffe/zahlen/index.html

https://www.fu-berlin.de/en/universitaet/profil/nachhaltigkeit/index.html

https://www.fu-berlin.de/en/universitaet/profil/studium_lehre/leitbild/index.html

Conclusions

Writing A Good SDG Report

Based on our analysis we have come up with some recommendations to write an SDG report up to the *Times Higher Education* standards. This data has been collected by looking at reports from universities who put together a full SDG report and submitted enough data to the *Impact Rankings* to make the overall list, since it is the overall report that we are looking to improve, as we don't have any influence over the data that can be submitted for SDGS. Therefore universities such as the Technical University of Munich, who only submit data for one SDG and are really good at it, are not included in our analysis model as they do not have a full report for us to analyze.

Layout and Formatting
- Each SDG should have its own section of the report, 1 to 4 pages long
- The pages can be oriented horizontally or vertically
    - If oriented horizontally, three or four columns of text per page
    - If oriented vertically, two columns of text per page
- The number of pages in the report can vary from SDG to SDG
- The report should not have much white space; the pages allotted to each SDG should be filled with text or images about that SDG
- There should be a header bar showing the SDG square and describing the SDG
    - The header can include an image of people from the university working on the SDG or any other related image
    - The header should be anywhere from a quarter of a page to a full page, as long as it is consistent from SDG to SDG
    - The header background should be the color of the SDG square
    - The header should include a description of the SDG
- Since the SDGs are color coded, the colors of the SDG should be worked into the layout so that it is easy to see what SDG you are looking at at all times
- Make use of many in text headers specific to the university's efforts towards progress in that SDG
    - Generally should be seven to ten headers, can be more according to need, preferably no more than 15 before it starts to look cluttered
    - Depending on the number of headers used, the text under the headers can range from bullet points to a couple of sentences to a couple of short paragraphs
    - The paragraphs should be brief and understandable by general audiences even if they don't know anything about the university
- When referencing additional things that the university has done that have been written about, use links embedded in text without breaking the flow of the sentence

     ○ It is not necessary to link external publications

Data Presentation
- No graphs
- Highlight two to five key statistics in a sidebar that is unobtrusive
  - Number of key statistics should be roughly consistent per SDG but that is not strictly necessary
- Overall there should not be much data present in the report

Visuals
- See data presentation section for how to visually represent data
- For photographs, make sure the amount of photographs used per section is roughly consistent
  - There need not be photographs if they will take up space that you think ought to be used for describing the actual work the university has done
  - There should be a maximum of three photographs per sdg
  - Photographs should show people, and the impact that the SDG you are talking about has on people
  - Photographs can be of people working on the SDG
- Visuals separate from text other than the data sidebar and any photographs are not necessary
  - Some reports enlarge quotes from important people in the area of the SDG in order to draw attention to them and bring context to their data
- For a color scheme, use the colors of the SDG symbols, adding other colors adds an element of unnecessary confusion
  - One great way to incorporate the color scheme is to have the headings in the color of the SDG
  - Another way that shows up frequently is to have the background of half the page be the color of the sdg

Language Use
- See the data analysis spreadsheet for which keywords are commonly used
- Universities mention themselves a lot
- The tone of the paper should be informative and acreditory
- The paper should have high readability and be comprehensible by a general audience

Key Recommendations
- Freie Universität Berlin should format their report as a goal- oriented report.
- Photographs in reports should be minimal and showcase student and faculty contributions.

- ○ Showcase at least two projects not directly commissioned by the universities in their discussions of each SDG

- ● Headings represent the beginning of new ideas.
    - ○ Majority of universities feature a minimum of 5-8 distinct headings or initiatives per SDG, regardless of category or topic.
    - ○ We recommend 7-10 distinct headings per SDG
- ● If present, graphical evidence should highlight only key statistics.
    - ○ Two Types
        - ■ 3-6 different statistics
        - ■ One major statistic emphasized as a stand alone entity
- ● It is important to follow the evolution of keywords and concepts.