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Report of

The Neisse University Graduates Survey

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Abstract

This report describes how we designed and prepared the Neisse Graduates Survey. Its focus was to trace the Neisse University graduates and to research what they think about the Neisse studies and the relation of their education with their job experience. The survey was designed within an online environment and it was distributed via the Internet. All data collection happened voluntary and anonymously.

This work depicts the results of the survey and conclusions we drew from it.

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1. Annotation

„Stay Hungry. Stay Foolish..”

(quote of Steve Jobs at the graduate Commencement of the Stanford University in 2005)

This quote describes a recommendation of a successful businessman given to university graduates.

The graduates are who give reputation to their university. The graduates are, who give hope to the current students. The graduates are the people the decision makers should consult..

This paper is mainly directed to readers connected to the Neisse University. Its aim is, to show future possibilities, challenges and treats of the labour market, for graduates of the Neisse University.

Also, this paper is based on several different individual opinions; it may help to indicate key matters and characteristics of the study program.

1.1. Przedmowa

„Pozostań nienasycony, pozostań głupi.”

(Cytat przytoczony z mowy wygłoszonej przez Steve Jobs'a w 2005 roku, podczas ceremonii wręczenia dyplomów na Uniwersytecie Stanford)

Ten cytat to rada jakiej udzielili absolwentom uniwersytetu biznesmen, który odniósł sukces w biznesie.

Absolwenci to osoby, które stanowią o reputacji ich uniwersytetu. Absolwenci to osoby, które dają nadzieję aktualnym studentom. Absolwenci to osoby, decydenci z którymi student w trakcie nauki powinien skonsultować swoje przyszłe decyzje.

Dokument ten jest skierowany przede wszystkim do czytelników związanych z Uniwersytetem Nysa. Jego celem jest pokazanie przyszłych możliwości, wyzwań i zagrożeń jakie czekają na absolwentów Uniwersytetu Nysa na rynku pracy.

Ponadto, dokument ten jest oparty na kilku indywidualnych opiniach, które mogą przyczynić się do wskazania kluczowych kwestii oraz cech programu studiów.

1.2. Anotace

„Buď nenažraný. Buď bláznivý...”

(citát Steva Jobse ze zahájení promoce na Standfordské univerzitě v roce 2005)

Toto doporučuje úspěšný obchodník absolventům univerzity.

Absolventi jsou ti, kdo přináší univerzitě pověst. Absolventi jsou ti, kdo dávají naději stávajícím studentům. Právě absolventi jsou lidé, s kým by se ředitelé měli radit.

Tato práce je hlavně mířena čtenářům, kdož jsou ve vztahu s Univerzitou Nisa. Jejím cílem je ukázat příležitosti budoucnosti, výzvy i hrozby pracovního trhu, jež pocítili absolventi Univerzity Nisa.

Rádi bychom podotknuli, že tato práce je ovlivněna několika odlišnými názory autorů, což by mohlo pomoci při určování klíčových vlastností tohoto studijního programu.

1.3. Vorwort

“Bleibt hungrig, erhaltet euch euren Leichtsin.”

(Zitat von Steve Jobs bei der feierlichen Abschlusszeremonie an der Stanford University, 2005)

Dieser Ausspruch beschreibt eine Empfehlung eines erfolgreichen Geschäftsmannes an Universitätsabsolventen.

Sie sind es, die der Universität zu Anerkennung verhelfen. Sie sind es, die die immatrikulierten Studenten hoffen lassen. Sie sind es, die Entscheidungsträger an der Universität zu rate ziehen sollten.

Diese Arbeit richtet sich hauptsächlich an Leser, die mit der Neisse University verbunden sind.

Das Ziel dieser Ausarbeitung ist es, die zukünftigen Chancen, Herausforderungen und Gefahren eines Absolventen der Neisse University auf dem Arbeitsmarkt darzustellen.

Auch wenn dieses Dokument auf den vielen unterschiedlichen Meinungen einzelner basiert, so mag es doch dabei helfen, die Besonderheiten des Studiums mit samt seiner Problematiken auf den Grund zu gehen.

Introduction

Survey Purpose

As a part of the subject “Data Mining”, Professor K. ten Hagen contracted with the students Mateusz Słoka, David Jirout and Falk Dittrich to conduct a survey of all graduates of the Neisse University.

The purpose of the survey was to:

- Measure graduate perceptions of the University
- Identify study satisfaction levels
- Identify personnel developments
- Identify job satisfaction levels
- Identify areas of future opportunities

A requirement for the survey was the usage of the results to identify specific fields of improvement within the studies to pursue its future goals.

The Web-based survey was performed with the help of the webpage “surveyexpression.com”

The research team worked together with Prof. K. ten Hagen to design the survey questions.

The survey gathered information about the graduates in six main areas:

- Identification / clustering
- study satisfaction
- Further steps after the studies
- Career progress
- Relations between the studies and the job
- Success stories

Methodology

The survey was fielded online through a website established specifically for that purpose.

Fielding was conducted between November 18 and December 10, 2013.

The graduates were notified of the survey via a personal mail or by a message through social networks, one email reminders was distributed.

Questions

The survey consisted of 22 questions of which 9 were mandatory to fill in. The participation was voluntarily and anonymous. The purpose of the first mandatory questions (question 1 – 3) was to categorize the respondent. The following mandatory questions were needed, to access the satisfaction among the graduates. The questions of personnel development were digging sensitive data. Since we didn't want to discourage any respondent, we left the possibility to answer free. The mandatory questions are marked with a star.

The List of Questions:

Answer Type

1. What gender are you? *	[single choice answer]
2. What country do you originate from? *	[single choice answer, specification line]
3. In which year did you graduate the Neisse study? *	[single choice answer]
4. Where have/had you lived after the Neisse study? *	[single choice answer]
5. Was choosing the Neisse study the right decision? *	[single choice answer]
6. Did you recommend the Neisse study to any of your friend? *	[multiple choice answer]
7. How many children do you have? *	[single choice answer]
8. After studying at the Neisse University did you continue with some additional studies? *	[single choice answer]
9. Which of the Universities is in your opinion the best in comparison of the study possibilities?	[single choice answer]
10. Which of the three Universities is in your opinion the best in comparison of the social life?	[single choice answer]
11. What was in your opinion the hardest subject of the studies?	[specification line]
12. In which fields have you worked so far after the Neisse study?	[multiple choice answer, specification line]
13. Do you do your dream job?	[single choice answer]
14. My monthly gross salary lies within this range (equivalent of €)	[single choice answer]
15. What languages do you use at your work? *	[multiple choice answer, specification line]
16. Have you ever been unemployed longer than 6 months?	[single choice answer]
17. How many full-time jobs have you had after the Neisse studies?	[single choice answer]
18. What is your current job position?	[specification line]
19. What is your employment status?	[single choice answer]
20. How many people work at your company / institution?	[single choice answer]
21. Where is the annual financial turnover (netto) of your company?	[single choice answer]
22. In case you are willed to share with us your success story, please note your name and the story here:	[specification paragraph]

Results

The survey's questions were partially mining valuable data. In order not to alienate someone, we made it voluntary to answer them. Thus it was possible to skip questions. This act explains why we have a different amount of respondents at some of the questions. Following results expressed in percentage are relevant to the amount of the respondents to the given question.

General

We have had **63 respondents** out of 166 possible who filled our survey – everyone in his/her own way. That being said means that **38%** of graduates **responded** to our questionnaire.

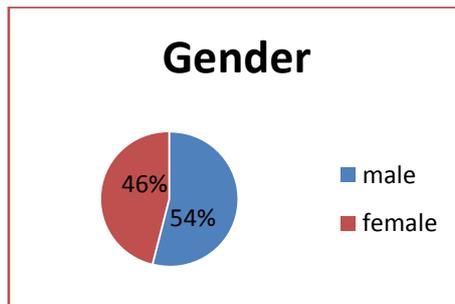
Based on the geolocation of the respondents IP addresses, we captured that **75% of respondents were in their home countries** during the examination.

Classification

To identify, classify and cluster our results, we were asking the subscribers for there year of graduation, there gender and there nation.

Gender

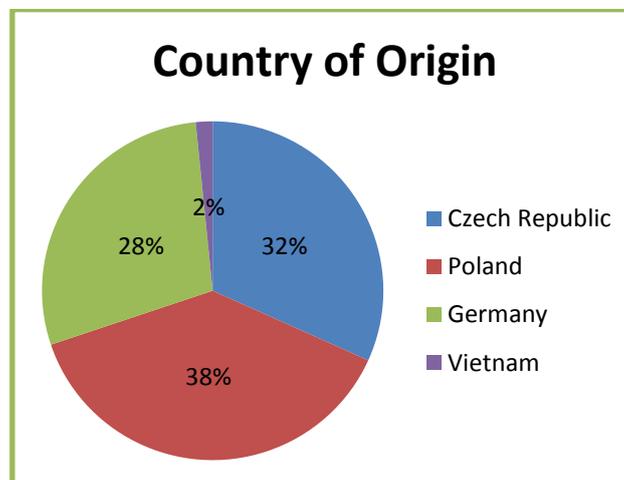
The share of genders was almost equal within our survey. Generally, we had 29 female participant (46%) and 34 male participants (54%). This almost equal relation helped us, to conclude proper estimations.



Picture 1: pie chart showing the share of participants by gender

Nation

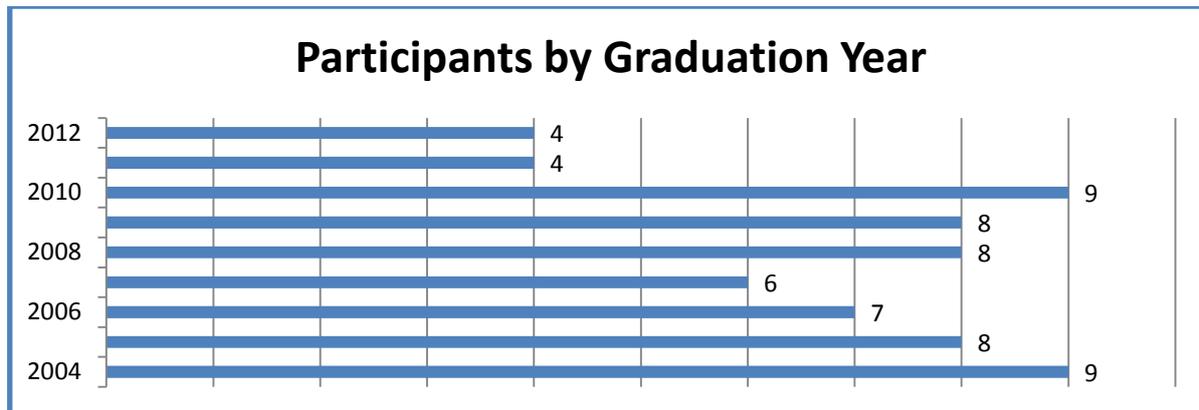
As well as with the genders, also the participation within the nations was comparable equal. Among the 39 Czech graduates, 20 answered the questions in our survey and were representing a total of 32% of all participants. Of the 75 polish graduates, which were by far the biggest group of students in the past, 24 filled our survey and therefore present with 38% again the biggest share of all answerers. Surrounded by Poles and Czechs, the smallest number of participants came from Germany. The opinion and success of 47 graduates was displayed by 18 people filling our survey (28%). The missing 2% belong to a respondent from Vietnam.



Picture 2: pie chart showing the share of participants by Origin

Year of graduation

The analysis of the poll clearly proved, that all former years took part in the survey.



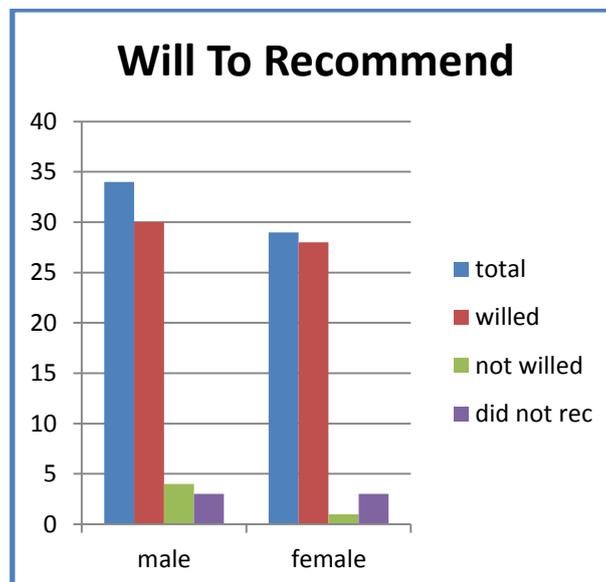
Picture 3: column chart showing amount of participants by graduation year

Satisfaction

To get to know the feeling and emotions of our graduates, thinking back to their Bachelor studies, we were asking them several questions to get to know their satisfaction and impressions.

General satisfaction

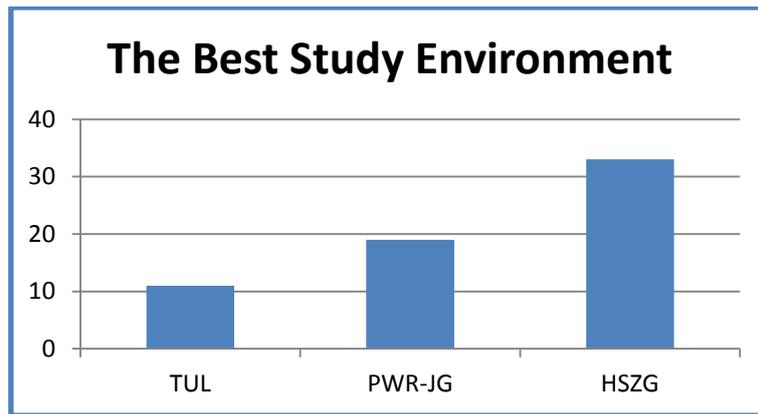
An overwhelming amount of graduates (97%) doesn't regret their time in the trijunction of the river Neisse. Never the less, 2 individuals would not decide to study the Neisse University again. Also a high amount didn't regret their bachelor studies; a few (5; 8%) are left who would not recommend these studies to anyone else. Even so it doesn't look dramatically; there are also people who just didn't recommend the studies. All together, we are speaking about a share of almost 20% of the examined group, who didn't do any advertisement for the studies. Such a high scale shows the urgent need of improvement for the University.



Picture 4: column chart showing the will of participants, to recommend the Neisse University

Study Environment

The investigation of the best study environment shows, that neither Poles nor Czechs liked the studies in each other's courses. Furthermore, the different share of positive answers from the graduation years don't really represent the strong improvement the Technical University of Liberec performed during the last years. The answers received are totally divergent than expected.

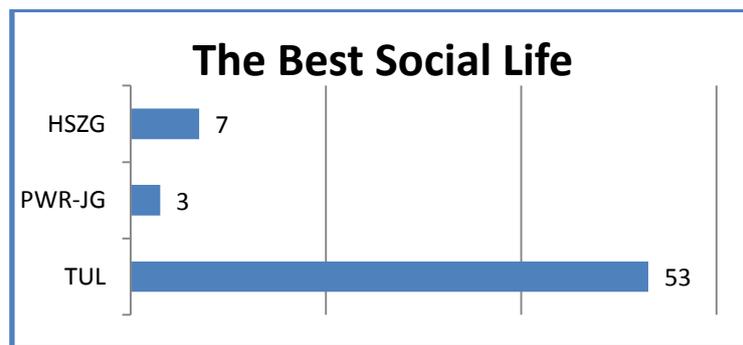


Picture 5: column chart showing the voting for the best study environment during the Neisse studies

Social life

The posed of the question, “why did Liberec score so bad according to its study environment?”, surprised us. Our answer for this fact came by the analysis for the question of the best social life during the studies. Liberec’s supremacy can be easily explained by the unique atmosphere and the broad options Harcov offers. Moreover, its appearance in the course brings an additional benefit for Liberec. As the first residence during the studies, Liberec doesn’t have to fight any former experiences.

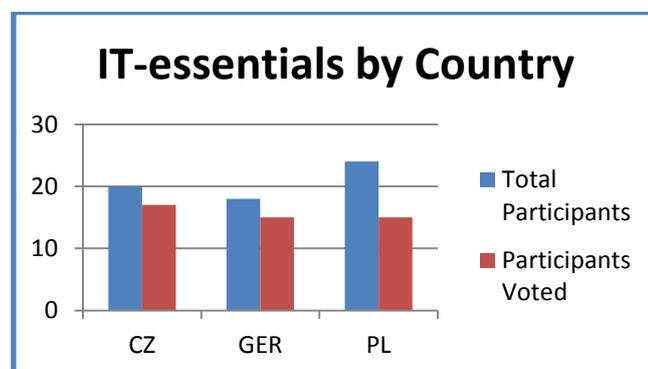
The overwhelming result of 84% positive voting’s for Liberec brought us to the conclusion that the study distant memories about Liberec must be predominate by the study connected memories.



Picture 6: column chart showing the voting for the best study life during the Neisse studies

Hardest subject

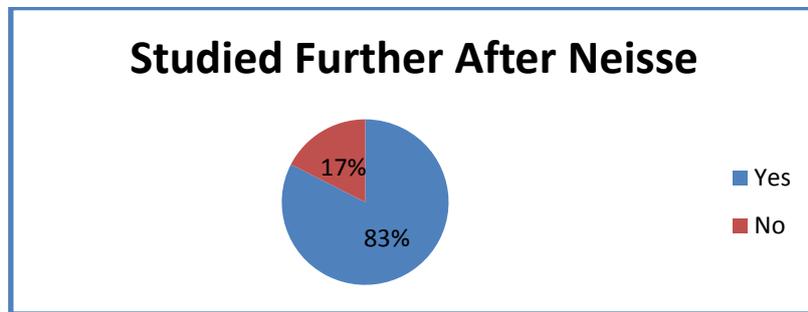
90% of the respondents confirmed, that subjects taught for information technological education, were the hardest during the Neisse studies. Even so, all students enter the studies with a different educational background and come from different educational systems, the struggles are the same.



Picture 7: column chart showing, that students from all countries struggle with the same subjects

Further studies

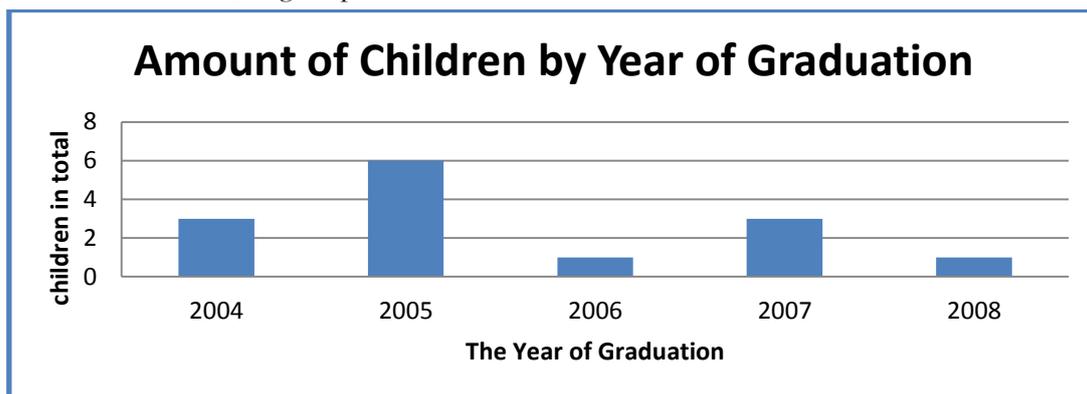
Most of the respondents (64%), who do their dream job today, returned home after the graduation to continue with further studies and education. The results show that half of the positive answers came from Germans.



Picture 8: pie chart showing the next step after graduation

Children

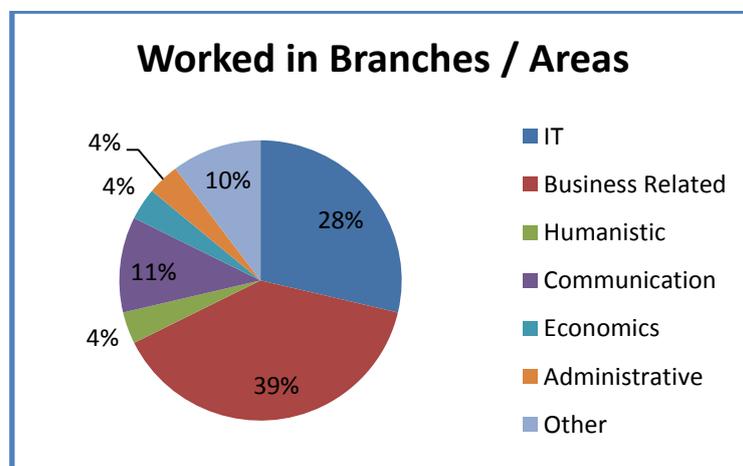
We, the authors, are not only concerned about the success of our predecessors, but also about their development. The survey has shown us, that the German's are the most common graduates with kids (50%). Also, kids are not given significantly to the girls (57%), also some of our male graduates are living in a family now. Thanks to the survey, we calculated, that the average graduate having kids, needed 7,5 years after the studies, to get a parent.



Picture 9: column chart showing the amount of children, Neisse University graduates have, according to their year of graduation

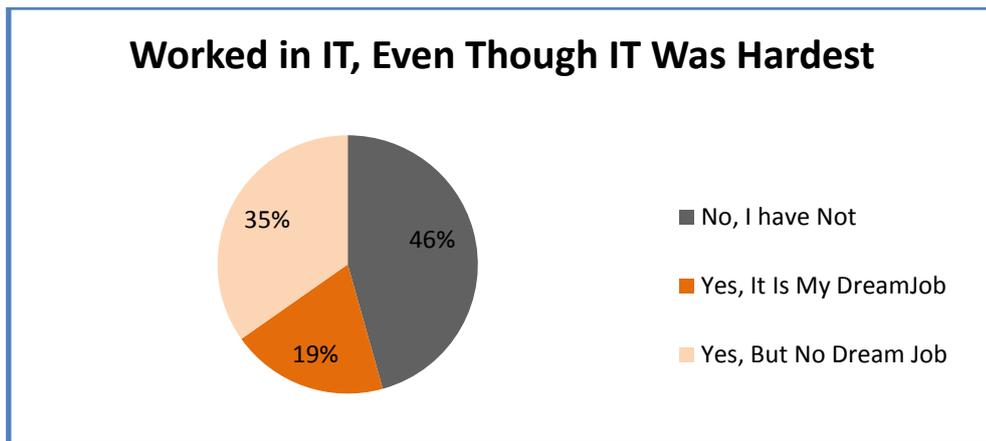
Considering Job

A huge amount of 80% our respondents is using English in their work. 67% of respondents work in jobs, which they were educated for during the studies. Most common are IT and business related professions.



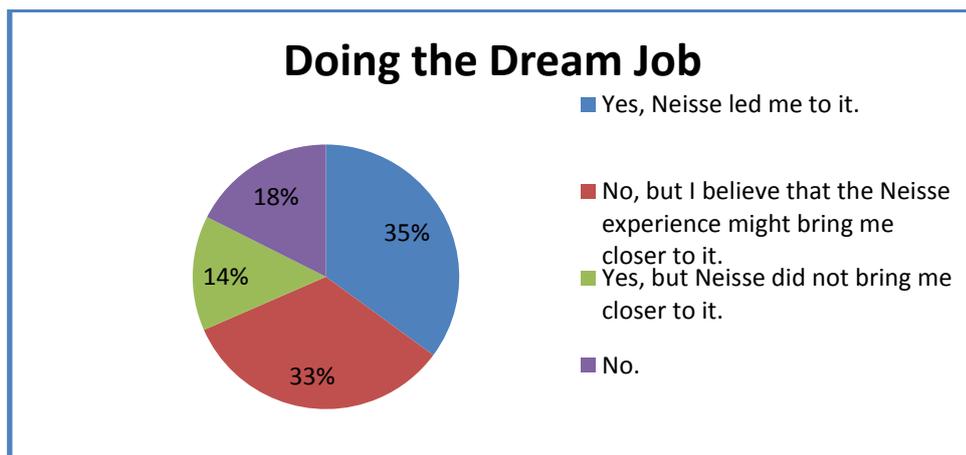
Picture 10: pie chart showing the branches and areas, graduates has been working in

Even so 90% of the graduates struggled with IT-essential subjects, 54% of those respondents work or have worked in IT.



Picture 11: pie chart showing, how many graduates, which struggled during studies with IT-essential subjects, became IT-specialists

How did the graduates profit from the studies? Just by a certificate or also by their experience? With the answers for the question “Do you do your dream job?” We did not only measure their satisfaction with their current position, but also the connection between position and studies. 68% of the respondents do their dream job with regards to the Neisse University or believe that the studies brought them closer to it

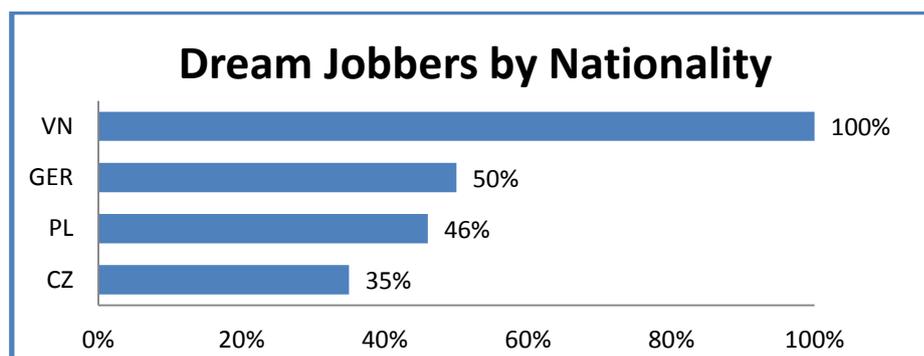


Picture 12: pie chart showing the current satisfaction of graduates with their job and how they estimate the ratio of their Bachelor studies connected with it

About 60% of the above mentioned group is male, another 60% of male participants is doing their dream job, with regards or regardless to their history in the Neisse University.

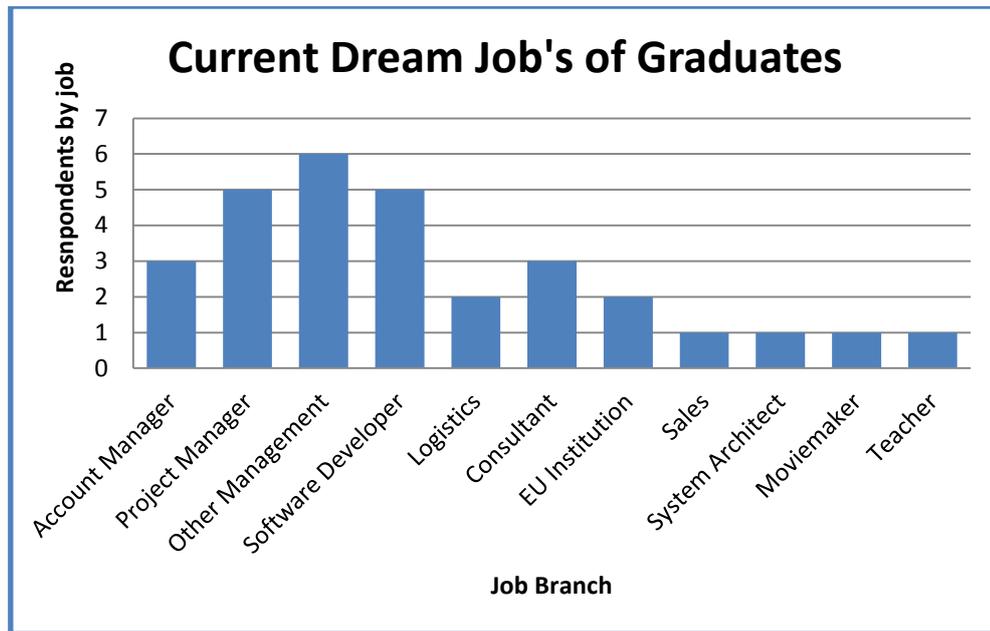
The following graph depicts the dream jobbers with dependence to their national origin.

The reason why all the Vietnamese respondents do their dream job is due to the fact, that only 1 Vietnamese respondent filled our survey. Obviously, he doing what he always wanted to.



Picture 13: column chart showing the voting for the best study life during the Neisse studies

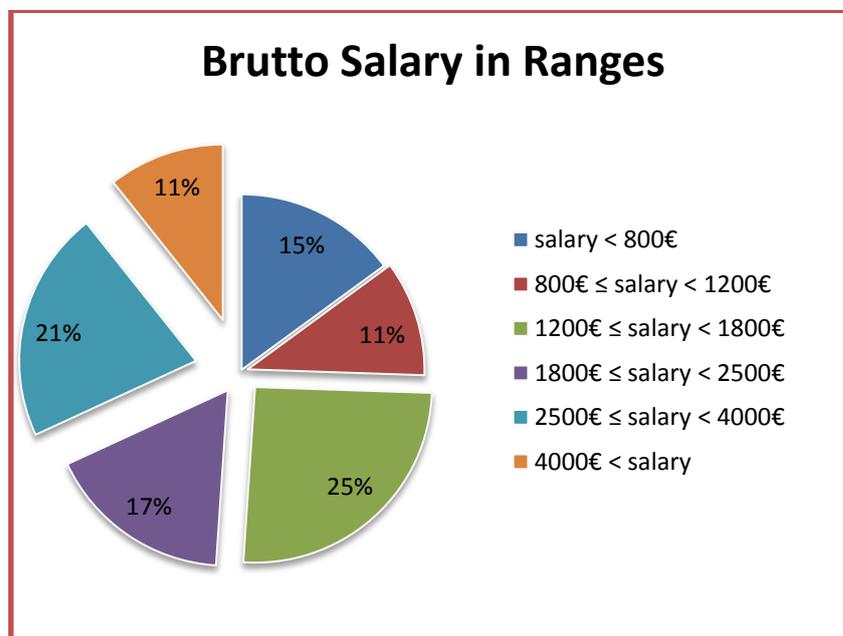
So far, the graduates being fulfilled with their job work in following positions:



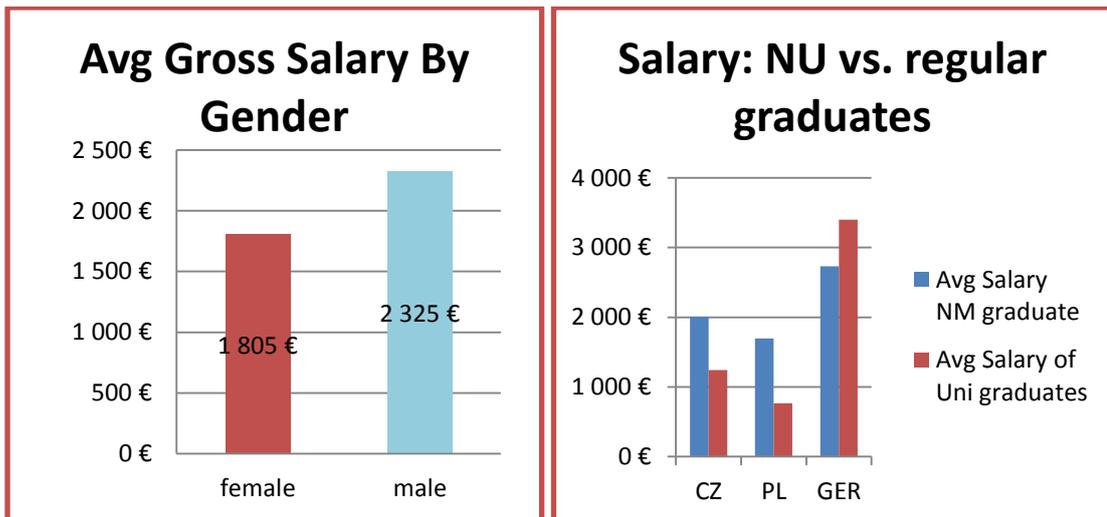
Picture 14: column chart showing the share of jobs, graduates work in and described as their dream job

Salary Analysis

To our surprise 75% of the respondents provided the information about their salary. As the pie chart (picture 15) shows, the diversity is huge.



Picture 15: pie chart showing the current salaries of the graduates in ranges

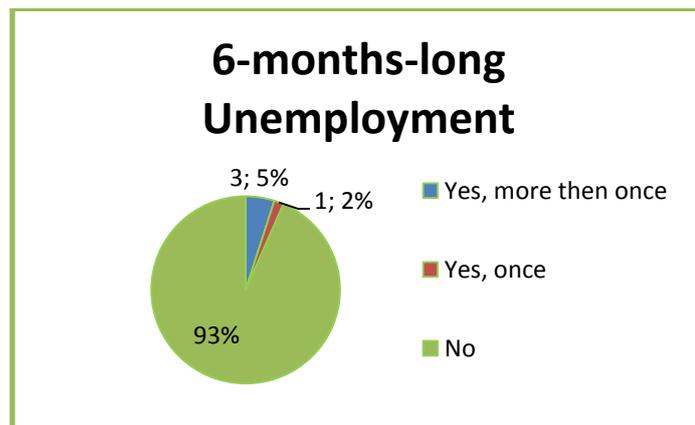


Picture 16: column chart showing the salary divided by gender Picture 17: column chart showing the salary of NU graduates in comparison to other Uni graduates in their countries

In average, the male respondents have by 22% a higher salary than women. Czechs earn 27% less than Germans while Poles earn 38% less than Germans.

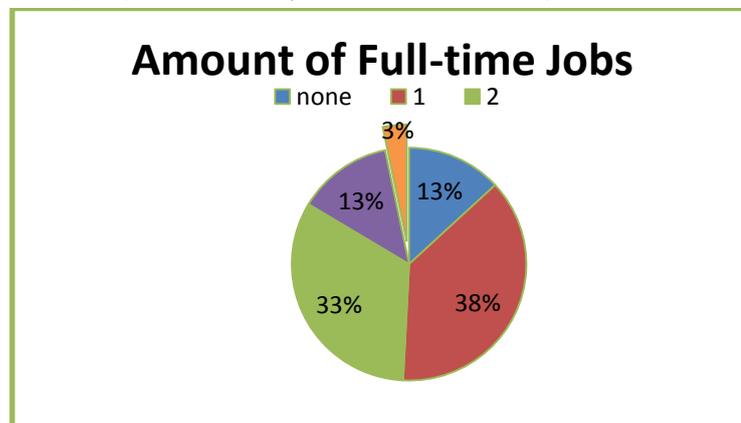
Employment Analysis

The employment forecast for Neisse University graduates is great. Most of the graduates have not experienced a long term unemployment of 6-month or longer.



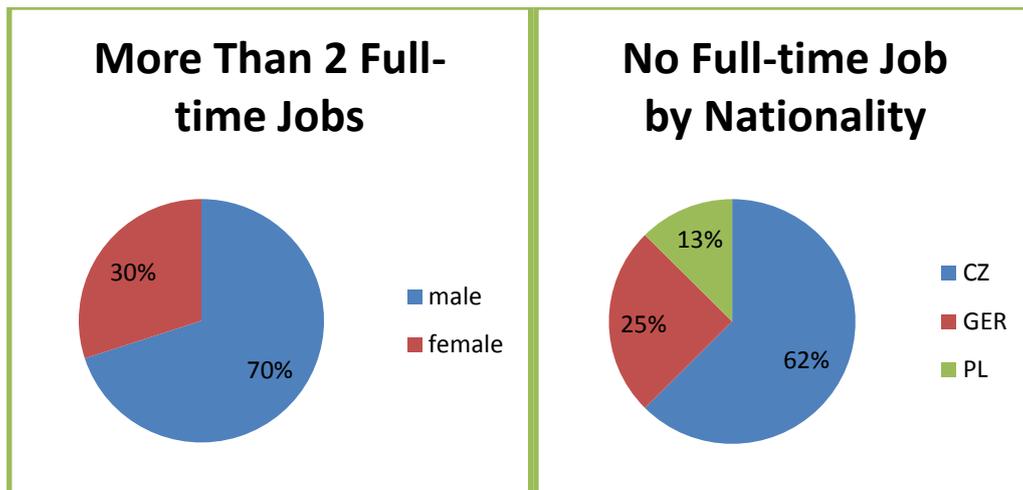
Picture 18: pie chart showing long term unemployment among the graduates

Besides the above mentioned fact, Alumni's stick to their employers. This can be proofed by the fact, that most of the respondents (71%) have had only one or two full-time jobs in their life so far.



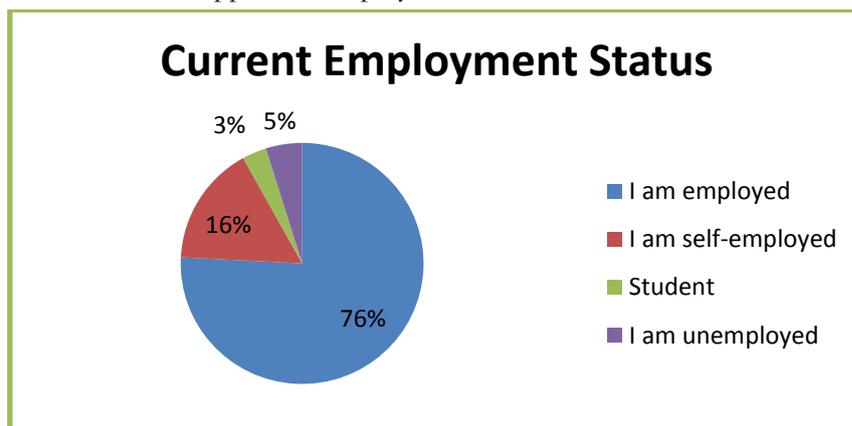
Picture 19: pie chart showing "job hopping" among the graduates

However, the respondents, who have had more than two full-time jobs, are mostly men. Jobless graduates are mostly from Bohemia, although almost half of the Czechs are still Students.



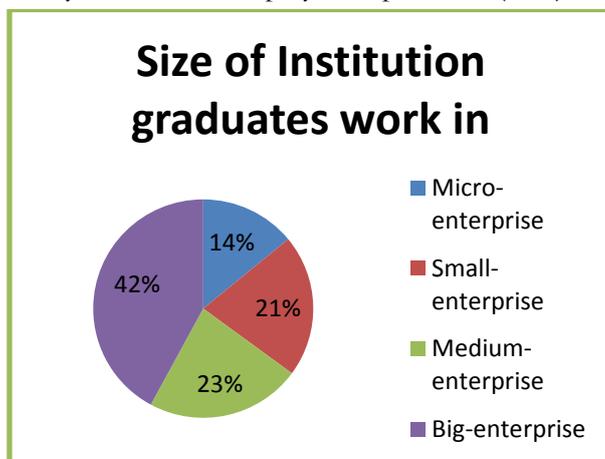
Picture 20: pie chart showing “job hopping” among genders Picture 21: pie chart showing un- or alternative employments by nation

Is the child birth connected to a different employment relation? At least, it’s not the reason for self-employment. Only 3 of 10 self-employed are a parent. In contrast to the 16% of people having their own business, 76% of the Neisse Alumni appreciate employment.



Picture 22: pie chart showing the current employment status

And finally, most of the employed respondents (42%) work in big enterprises.



Picture 23: pie chart showing the size of institutions graduates are working in

Company Class	People Working in the Company
Micro-enterprise	1 – 9
Small-enterprise	10 – 49
Medium-enterprise	50 – 249
Big-enterprise	250+

Table 1: showing the base of business classification

Conclusions

We state, that, generally, the Neisse graduates form an absolutely various group of people because the results had not showed clearly defined clusters of results. We experienced an equal distribution of results in all kinds of questions. Thus, it was very hard to put the model of a successful Neisse graduate together.

General

To put it in a nutshell, we can say, that the graduation of the Neisse University is a big benefit on nowadays labour market. Most of the Alumni earn more than the comparable groups in their countries, don't have dramatic problems to find a job and seem to be satisfied with the development of their career.

Considering Education

The great success the Neisse graduates have on the labour market does not only arouse by the education the people got during their Bachelor studies. The success is the result of years full of privation and devotion to education. Only with the Bachelor degree, the graduates would find themselves somewhere else. The basics provided during the Bachelor in combination with a specific education of the Master were pivotal.

Considering Job

Our survey clearly concludes the importance of English. We believe that the knowledge of English gives the Neisse graduates an edge and advantage in the labour market of their home countries.

Neisse graduates have confidence to compete in IT branches or applying themselves in business infrastructure. Nowadays, these branches are paid above the average wage within each Neisse country. As most of the graduates choose to apply themselves in these two branches, we conclude that the Neisse University is a good time and education investment.

A surprising result, claiming that 90% of respondents proclaimed the IT and math disciplines to be the hardest, suggests, that the graduates were discouraged by the difficulty of the subjects. Contrarily, 54% of them have made living with the knowledge related to IT.

Over two thirds of respondents confirmed that the Neisse studies brought them closer to their dream job. As the study program has a hybrid nature and offers many study disciplines, we believe that the graduates actually benefited from this fact to sediment the ideas of their future job and clarify what would they want to do. Students of a narrowly specialized course don't have such awareness.

Half of the German respondents, 46% of Polish respondents and 35% of Czech respondents do their dream job. We cannot scientifically explain, why the Czechs are less satisfied with the jobs they have. Managerial disciplines and software development seem to be the most popular dream job branches. As most of the graduates apply themselves in these two fields it is probable that they will find the job that suits them in there.

Three quarters of the respondents earn more than 1200€. One third of respondents earn over 2500€. Assuming that $\frac{3}{4}$ of respondents are currently in their home countries, we conclude that the Neisse studies gave the graduates a fair chance for relatively high standard of living in their home countries.

We state that the education mitigates the chances for unemployment.

Most of the respondents have had 1 or 2 full-time jobs. We believe that an employer is generally satisfied when employing a Neisse graduate. Thus, the education brings quite high base for job security in the future. The rest of the respondents seem to be very dynamic by their nature according to their profile.

Work Share

The conduction, analysis and interpretation of this project were done by all participants in an equal share of 33%.

Summary

The Neisse University graduates helped us to reveal the current situation of the graduates in the labour market. They perform very well. As the study is not specialized on a certain niche, the graduates seem that they found the way to their dream jobs because of that. Most of them do managerial jobs or work in IT branch.

Sources

The graphs were created via MS Excel by the data of our survey.

The data of average wages in the countries originates from:

- <http://www.euroeducation.eu/content/36/20> for Czech Republic,
- <http://www.wynagrodzenia.pl/artukul.php/wpis.1831> for Poland and
- <https://www.deutsche-bildung.de/presse/meldungen/detail/news/uniabsolventen-einstiegsgehalt-durchschnittlich-3400-euro.html> for Germany.