



# HERITAG EDUCATION & SOCIAL SURVEY: PRELIMINARY RESULTS

Presenter: Mamuka GVILAVA

GeoGraphic, Georgia

# Work Scope

## WP1 Task 1.2 (GeoG): Analysis of needs & opportunities in cultural tourism industry

An analysis of educational needs and business opportunities in cultural heritage and tourism will be made by

- (1) Compiling previous analysis, documents and reports in these fields
- (2) Elaborating a survey questionnaire and distribute among relevant stakeholders in both countries
- (3) Analysis of information and survey, focusing in training needs, cultural heritage priorities and business opportunities
- (4) Integrate the results in a written report and publish it in the web and disseminate it

# Steps/Timeline

- Two survey questionnaires developed on GLT in support of CH and TE, cleared with partners by end of 2016
- Partners asked and contributed with survey recipient emails (students – confidential, stakeholders – with consent on public sharing)
- Initiated simultaneously in ARM and GEO with initial deadline 15 February 2017, in GEO up to 25 March
- GEO: over 435 Students, 380 Stakeholders invited. Compliments in priority go to ISU, GTU, NACHPG, GeoG, BSU – thanks!
- ARM: 202 student & 42 stakeholder responses – thanks!

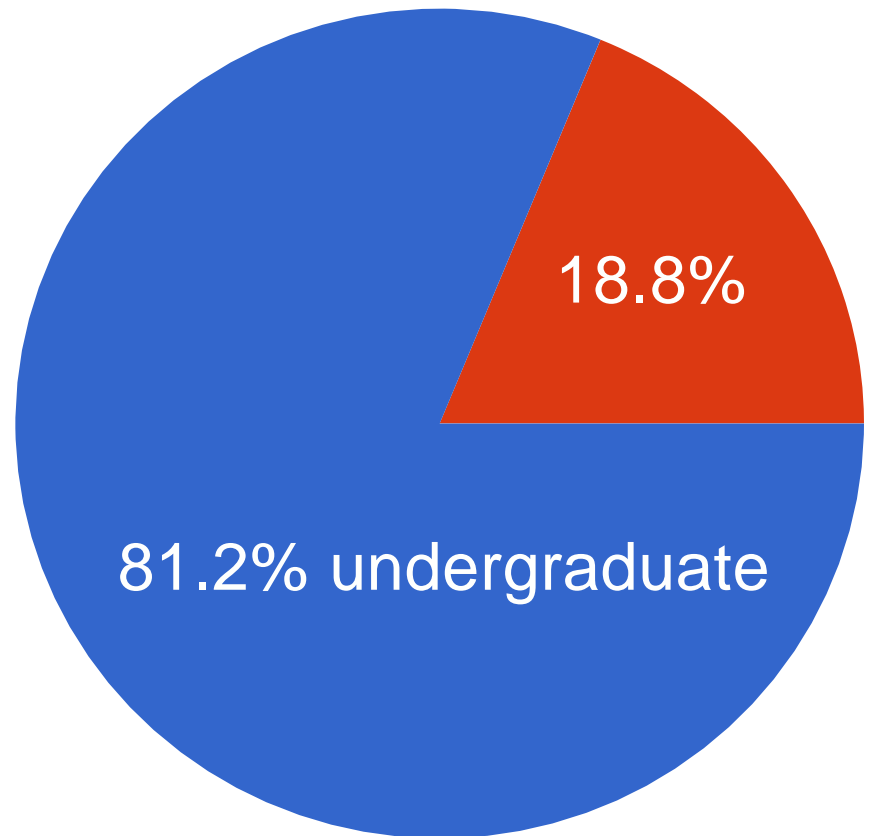
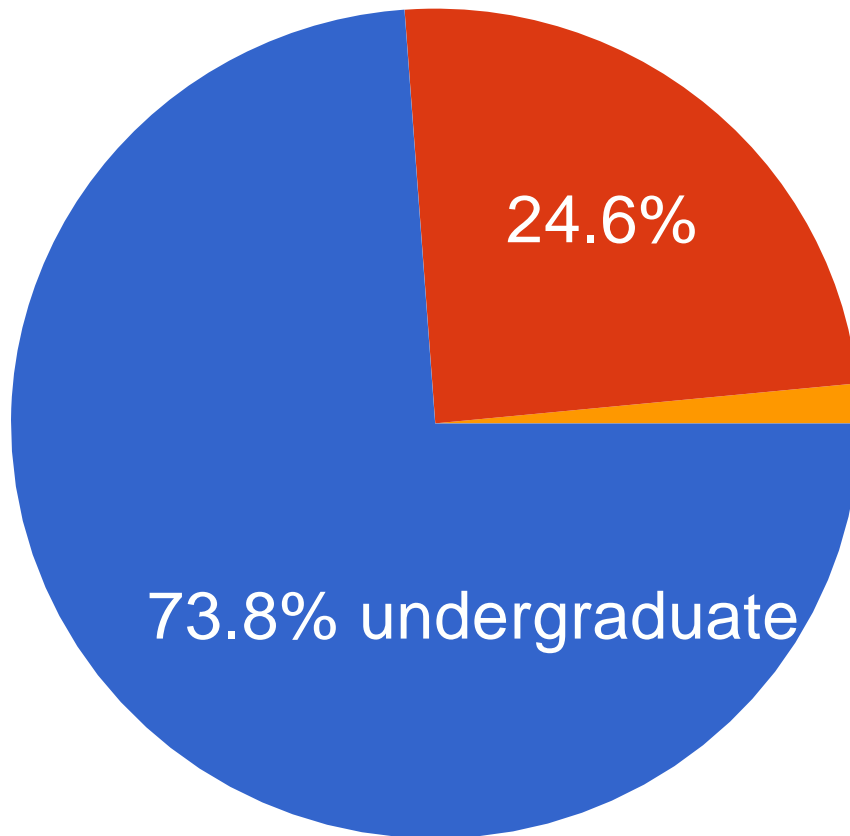


**Students GEO: 65 responses (15%)**

**Students ARM: 202 responses**



# Are you undergraduate or master student?

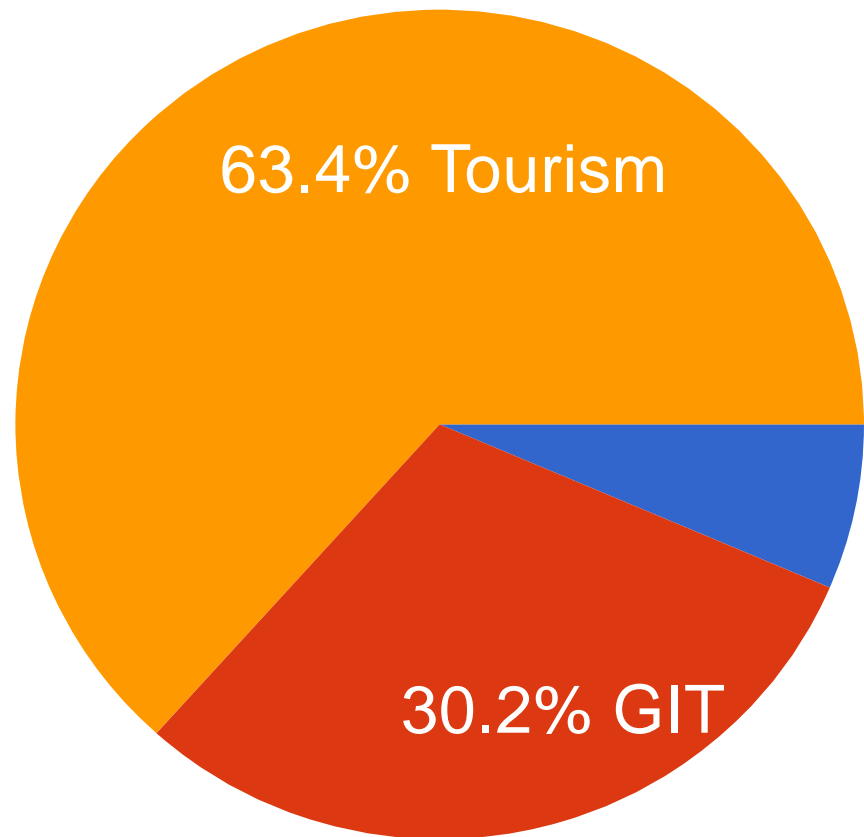
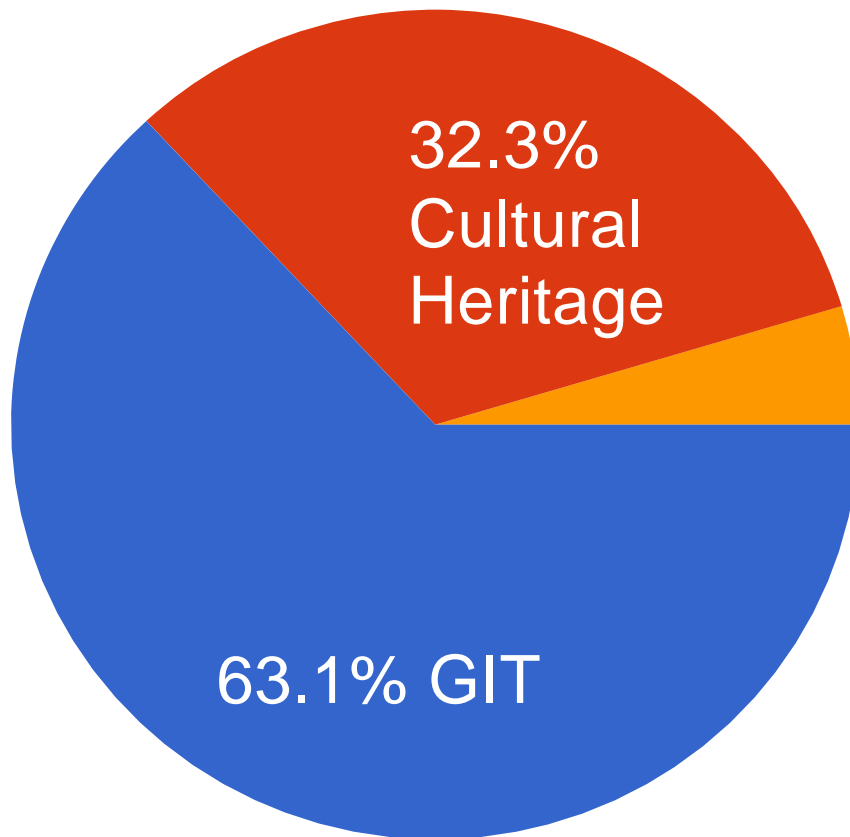




## STUDENTS



# Main interest in education/specialisation

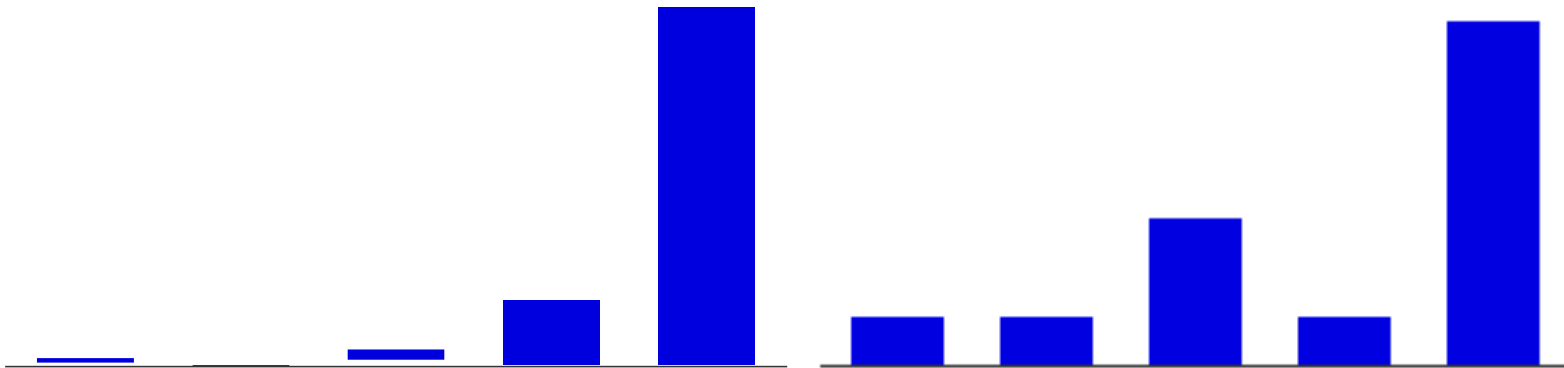




## GIT Students



I chose the GIT and geodesy program because I am interested in the subject:

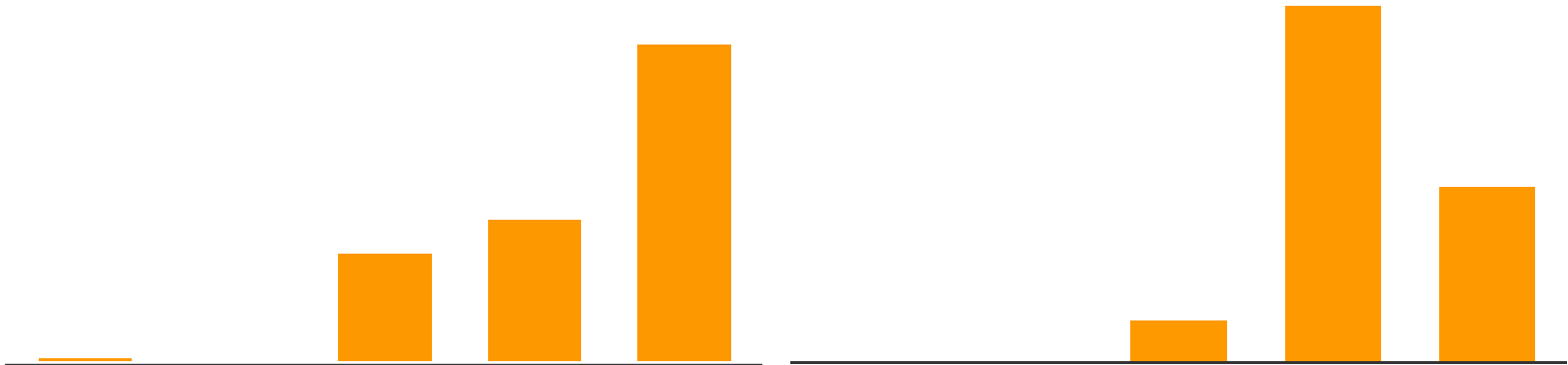




## GIT Students



I chose the GIT and geodesy program because I believe it is easier for me to find a job in my Country after graduation:

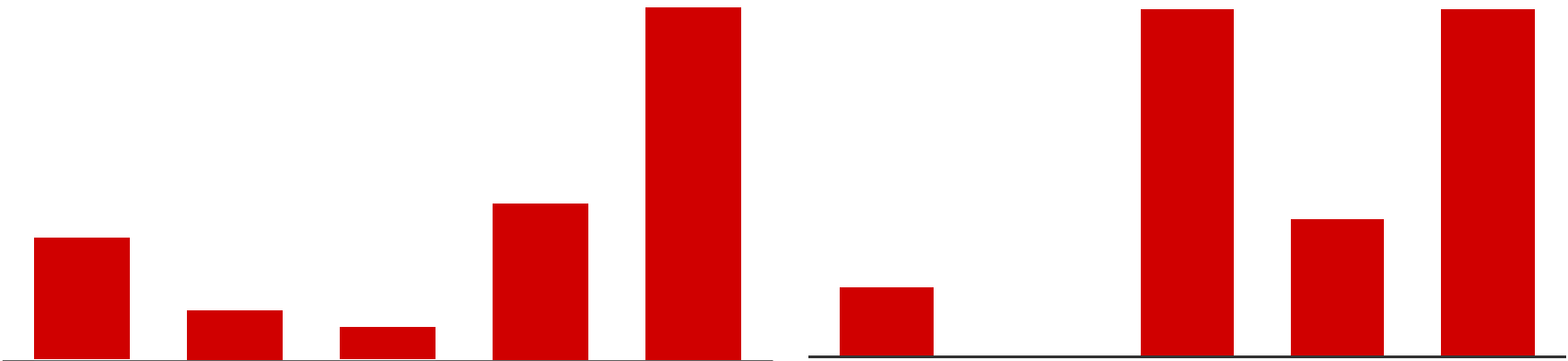




## GIT Students



I am satisfied with the GIT and geodesy program at my University:



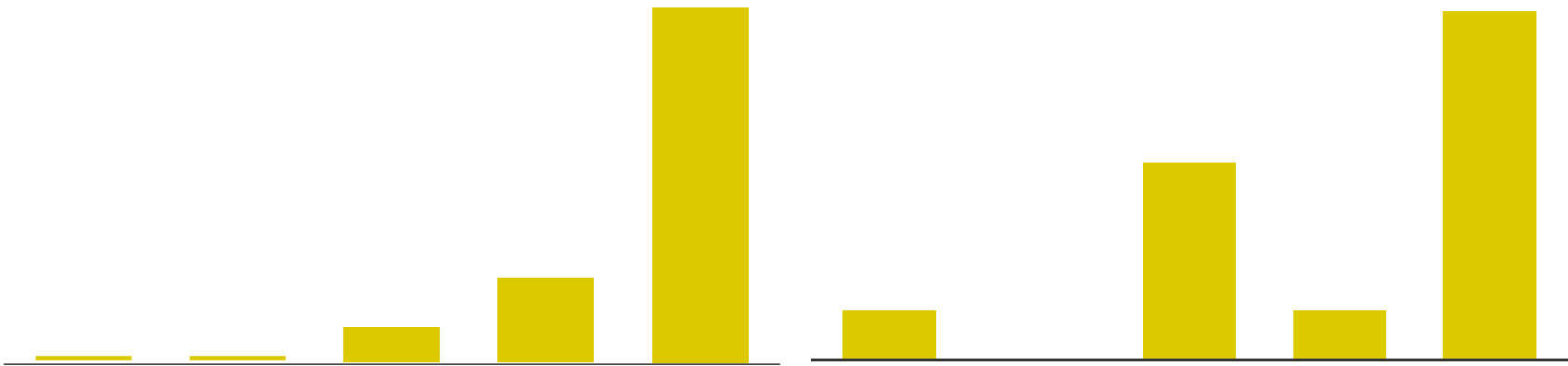




## GIT Students



I think the contents of the GIT and geodesy program should be modernized:

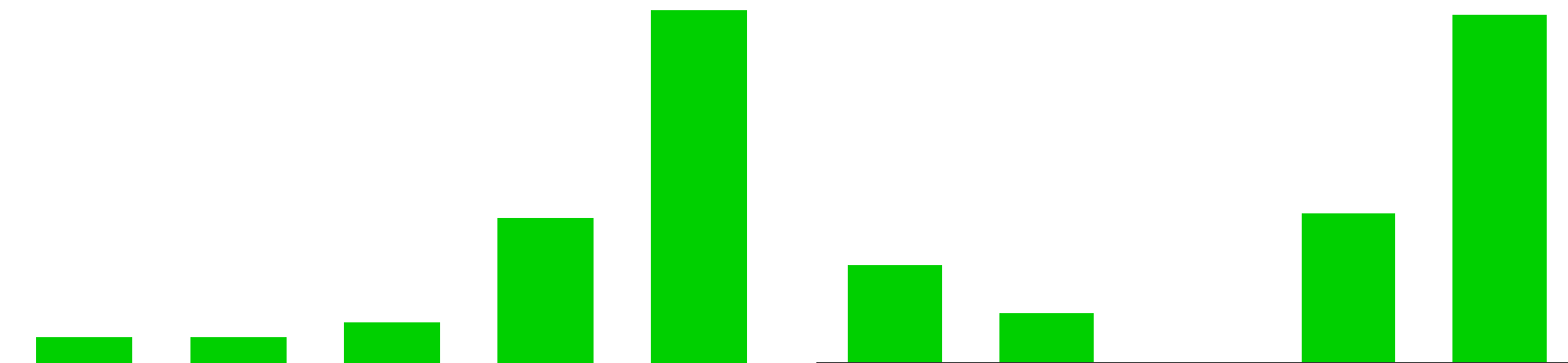




## GIT Students



The teaching methods should be modernized:

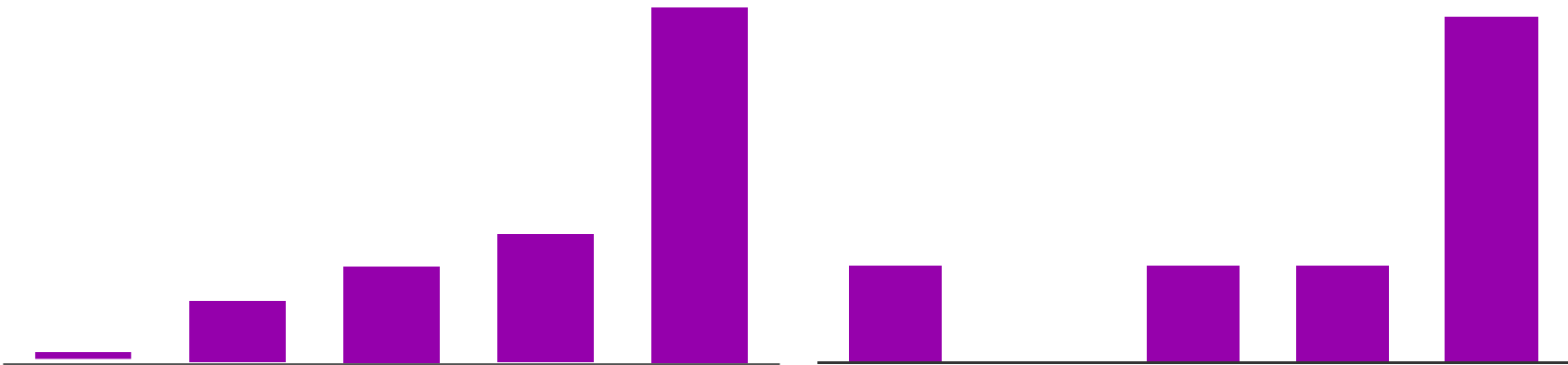




## GIT Students



The computer facility and geodetic equipment should be modernized:

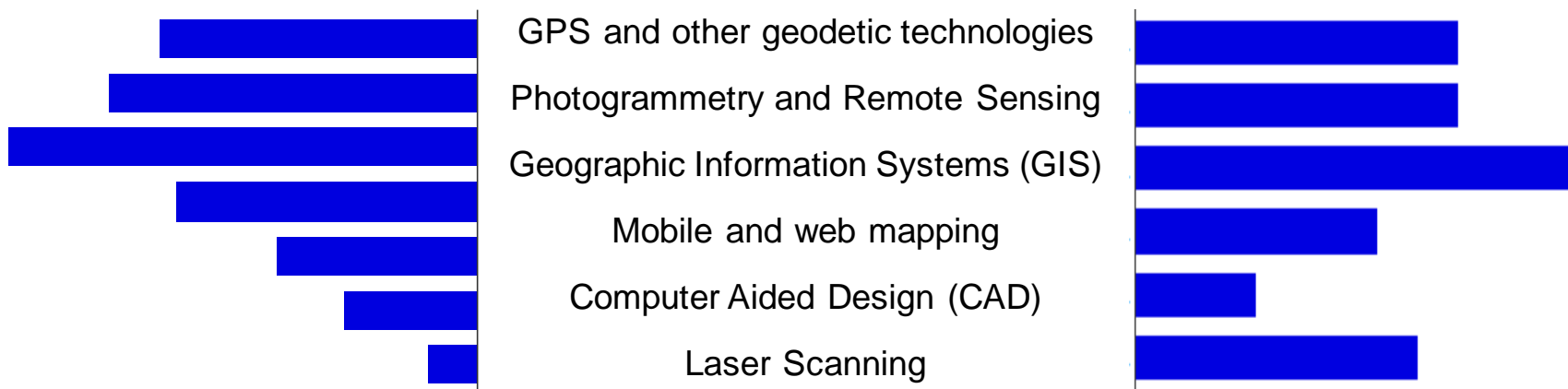




## GIT Students



What are the topics you would be more interested to have additional learning?

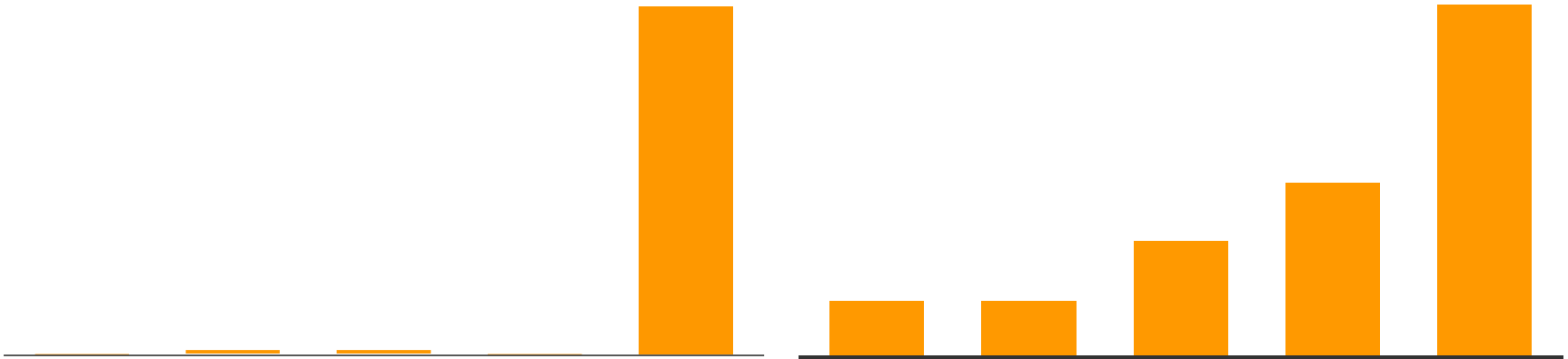




## GIT Students



I wish to get more information on GIT and geodesy employment opportunities in my Country during my study period:

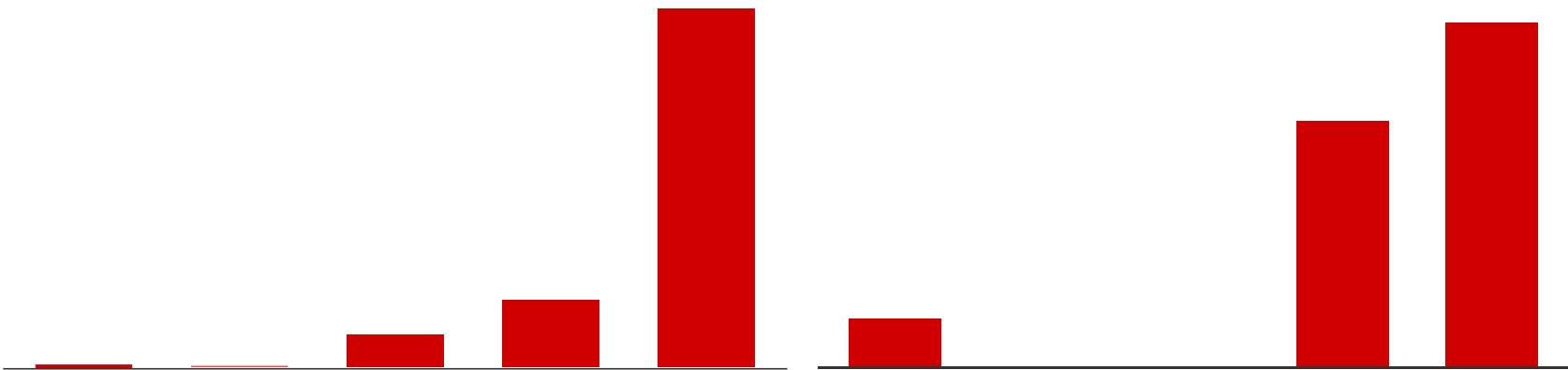




## GIT Students



I want to continue academic studies after graduation:

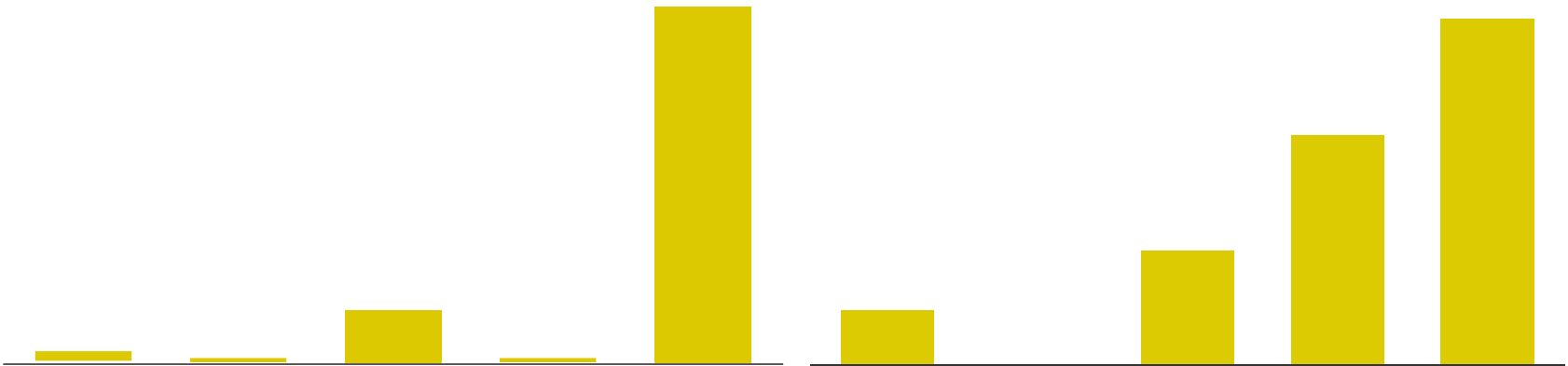




## GIT Students



I wish to be an exchange student in another university of European Union:

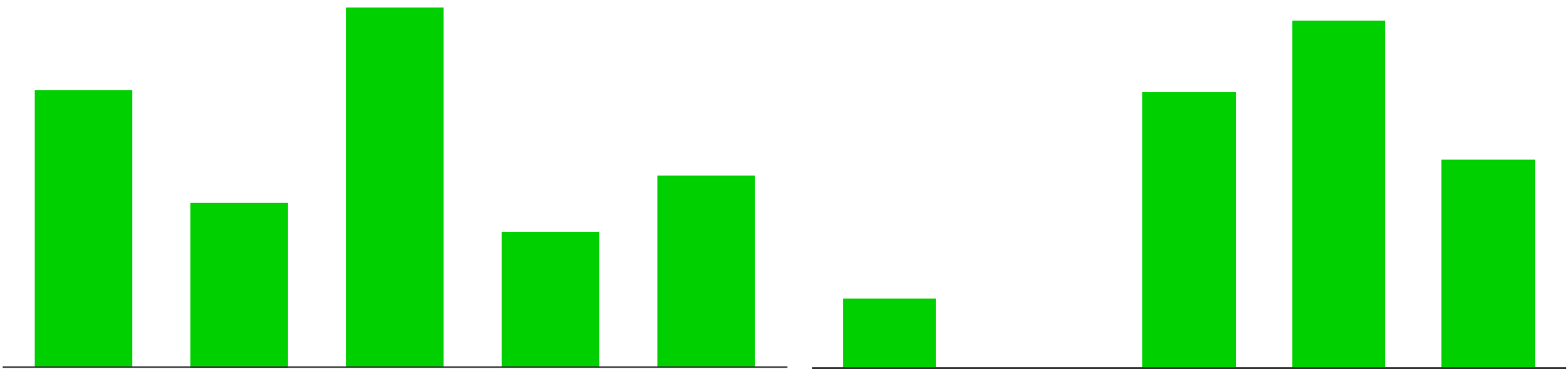




## GIT Students



I have certain knowledge about the Bologna process in Europe:



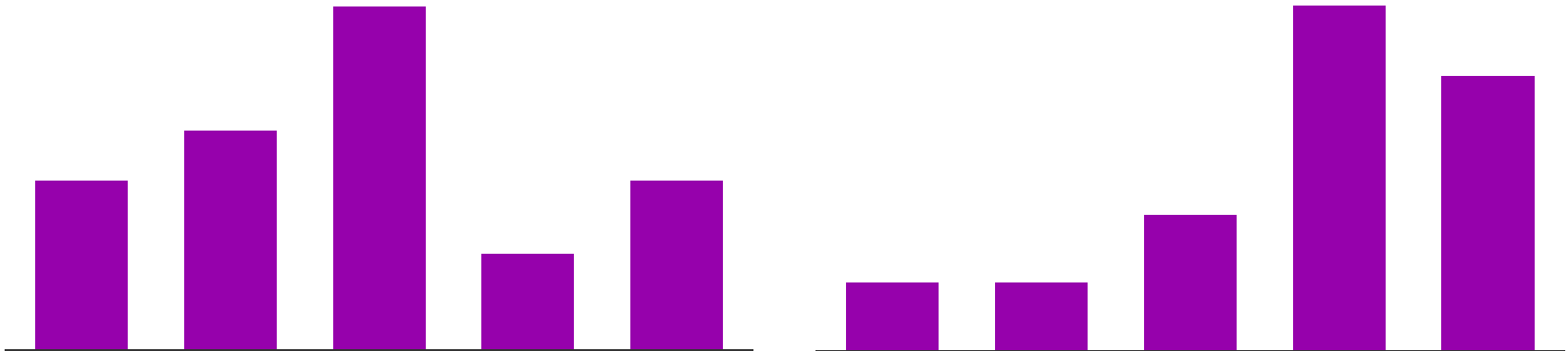




## GIT Students



I have certain knowledge about the European Credit Transfer System:

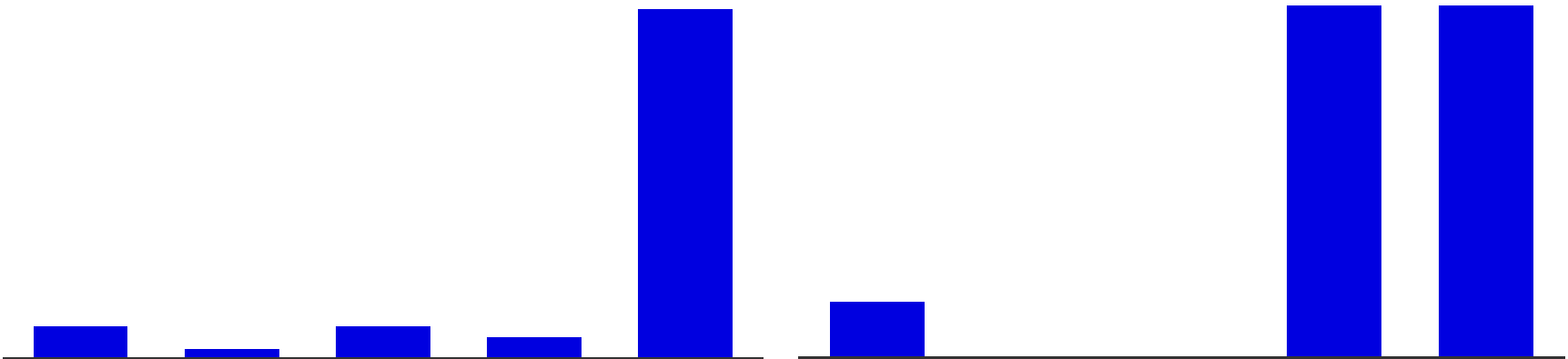




## GIT Students



I am interested to study for a master degree in GIT and geodesy if such a program is offered by my University:



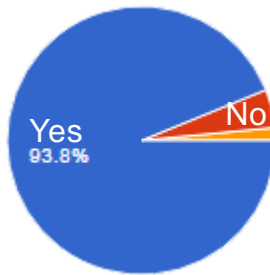


**Students GEO: 65 responses**

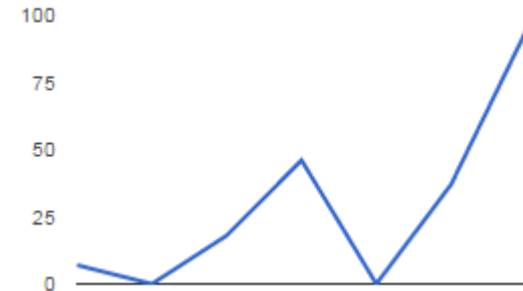
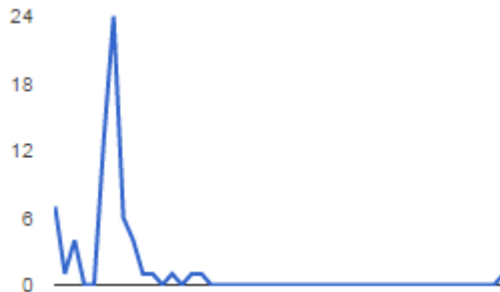
**Students ARM: 202 responses**



I agree to public use of my responses by HERITAG study



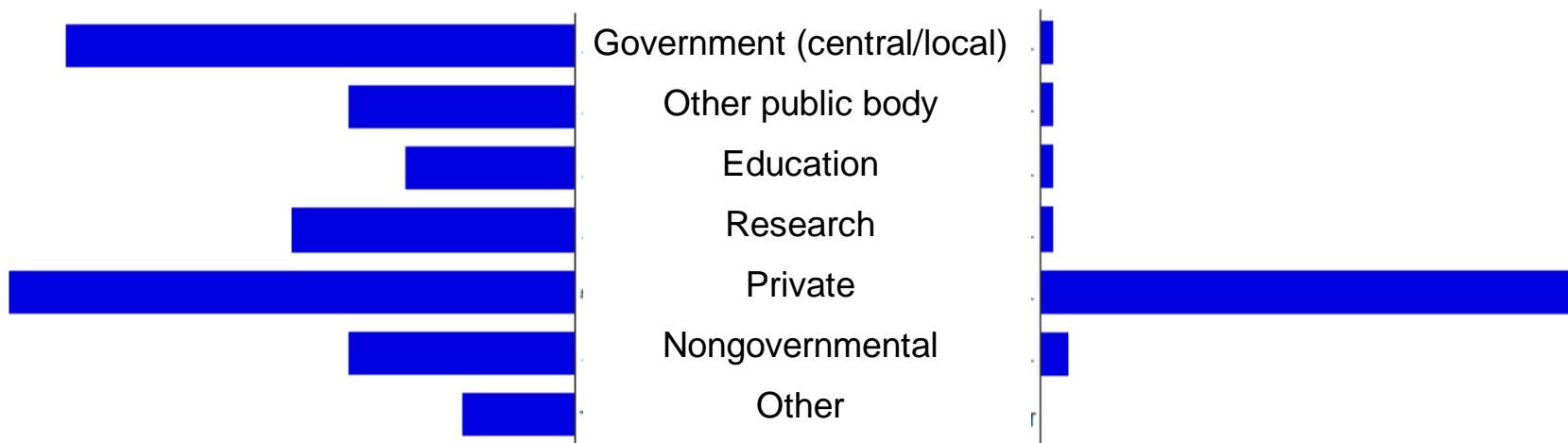
Number of daily responses



**Stakeholders GEO: 33**

**Stakeholders ARM: 43**

## Type of organisation

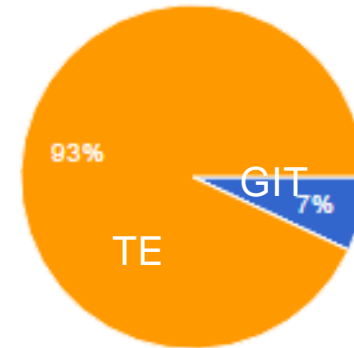
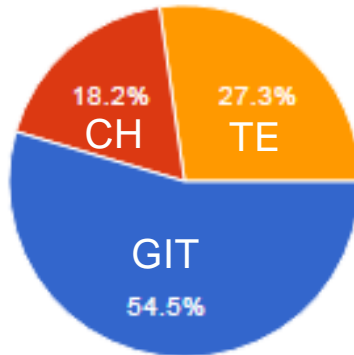




**Stakeholders GEO: 33 responses (8%) Stakeholders ARM: 43**



## Main field of activities

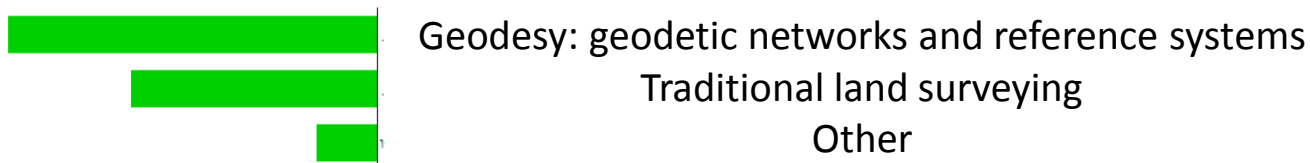




## Cultural Heritage Stakeholders



Do you think some of the following GIT fields are useful for CH preservation, documentation and/or restoration?





## Cultural Heritage Stakeholders



# Can your organization receive GIT students?





## Cultural Heritage Stakeholders



Do you think that your organization needs staff with some knowledge in GIT?



Yes, basic knowledge  
Yes, advanced knowledge  
No  
Other

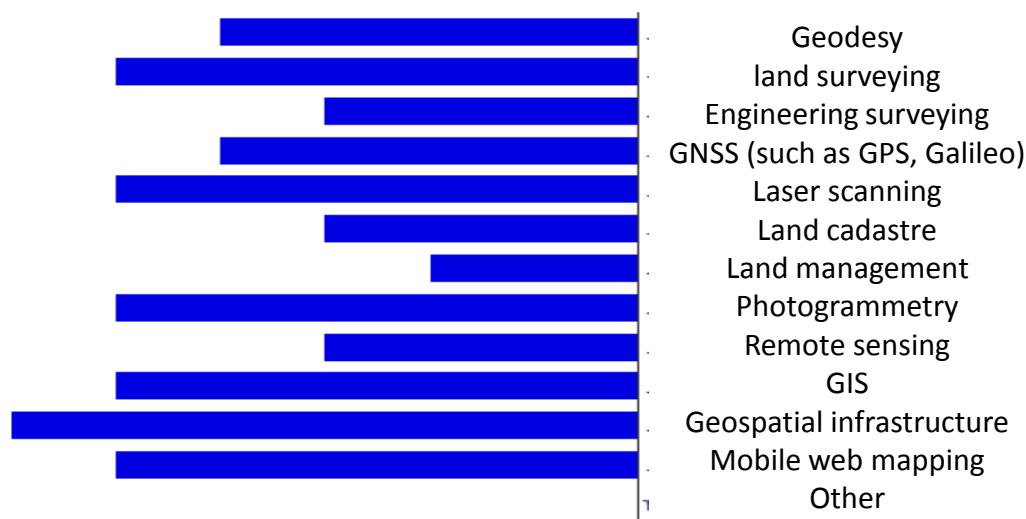




## Cultural Heritage Stakeholders



# If Yes, in which GIT fields, mainly?





## Cultural Heritage Stakeholders



Do you think GIT can play an important role in visualization and promotion of cultural heritage?



Do you think GIT can play an important role in promotion of cultural tourism?



# Cultural Heritage Stakeholders

Do your organization/department has some experiences regarding the use of  
GIT in cultural heritage or tourism?



If Yes, please briefly describe these experiences

- გიტ ტექნოლოგიის ერთ-ერთი მიმართულების გის-ის თითქმის ყოველდღიური გამოყენება ხდება საინფორმაციო სისტემების სამსახურის მიერ. უკვე არსებული ერთიანი გის მონაცემთა ბაზის საშუალებით ყოველდღიურ რეჟიმში ხდება მატერიალური კულტურული მემკვიდრეობის ობიექტების/ძეგლების ინფორმაციის შეყვანა, რუკაზე განთავსება და გის ინსტრუმენტების გამოყენება, ამავე დროს სხვადასხვა სამსახურის დავალებით ხდება სხვადასხვა ტიპის თემატური რუკების შედგენა, დაცვითი არეალების შემოხაზვა და ა.შ.
- კულტურული მემკვიდრეობის მიმართულებით სააგენტოში და კერძოდ საინფორმაციო სისტემების სამსახურში 2005 წლიდან აქტიურად მიმდინარეობს სხვადასხვა პროექტი გის ტექნოლოგიებისა და მონაცემთა ბაზების მიმართულებით. დღეისათვის ფუნქციონირებს საქართველოს კულტურული მემკვიდრეობის ერთიანი გის მონაცემთა ბაზა და გის პორტალი. ასევე ყოველდღიურ რეჟიმში ხდება სხვადასხვა ტიპის მასალის გის-ის მეშვეობით შექმნა/დამუშავება.
- from 2004 development of the GIS tools in survey, management of cultural heritage; based on GIS implementation of the multidisciplinary projects
- NACHPG since 2006 has been developing several projects where main component for planning and also for visualizing the data has been GIS. Since 2013 Agency has started developing complex cultural heritage GIS database system where is integrated all the data about heritage assets and their protection zones.
- გიტ ტექნოლოგიები გამოიყენება 2004 წლიდან ქალაქების და დასახლებების დაფარვითი ინვენტარიზაციის; დამცავი ზონების დადგენის; კულტურული მემკვიდრეობის რესურსების აღრიცხვის და სხვა კომპლექსური პროექტების განხორციელების პროცესში



## Cultural Heritage Stakeholders



### Other comments on GIT education needs in your Country

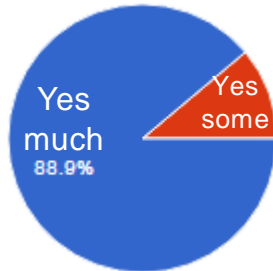
- It should be mandatory to introduce the GIS course in the university programmes for archaeologists, architects, engineers, art historians, and other specific directions related to the cultural heritage
- There is a lack of the practical knowledge of the advanced software and technologies in general especially in cultural heritage. There is no special course of any GIT subject for the students in cultural heritage. But the importance has been grown quite rapidly and also there is a big demand of such skills.
- აუცილებელია უმაღლეს სასწავლებლებში, მაგ; არქიტექტურის, რესტავრაციის ფაკულტეტებზე სპეციალიზირებული კურსის დანერგვა



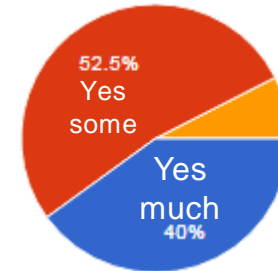
## Tourism Stakeholders



Do you think that tourism industry needs some renovation?



Yes, much  
Yes, some  
No, I think its OK as now

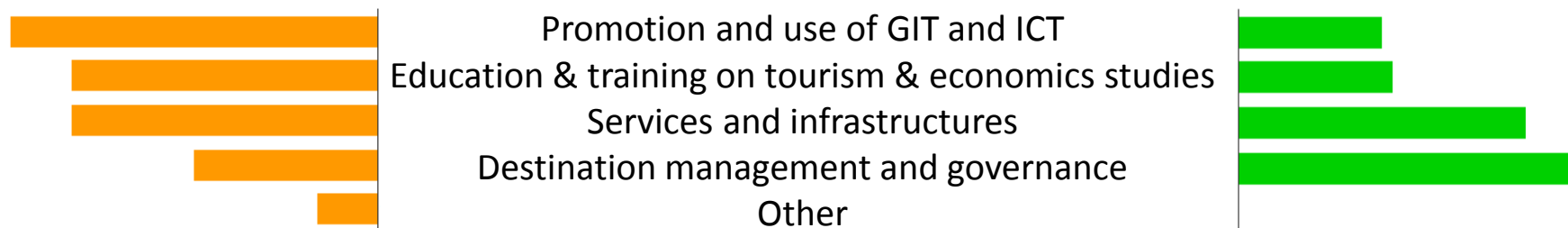




## Tourism Stakeholders



If Yes, what are the main issues that need to be renovated?

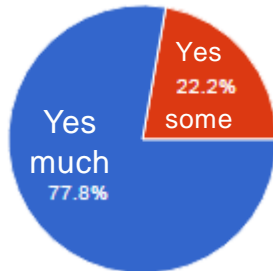




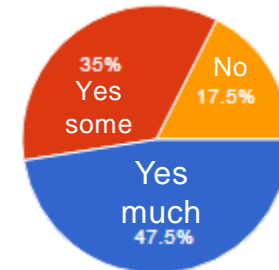
## Tourism Stakeholders



Do you think that GIT can help in the renovation of the national Tourism sector?



Yes, much  
Yes, some  
No

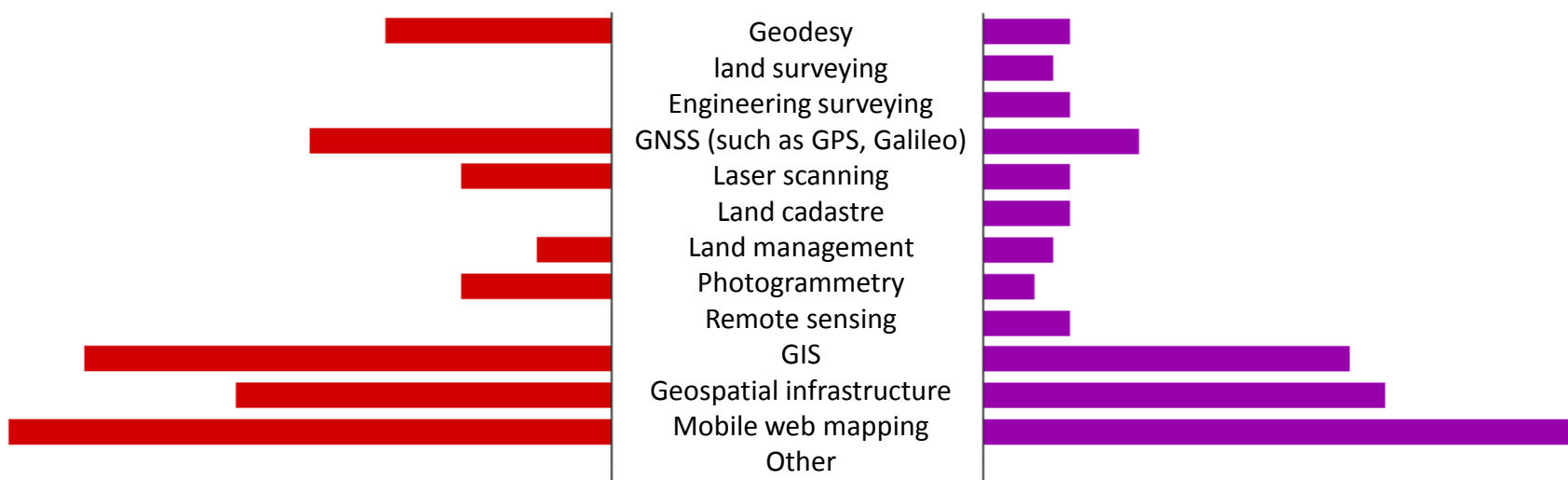




## Tourism Stakeholders



If Yes, which GIT sectors do you think are the most important?



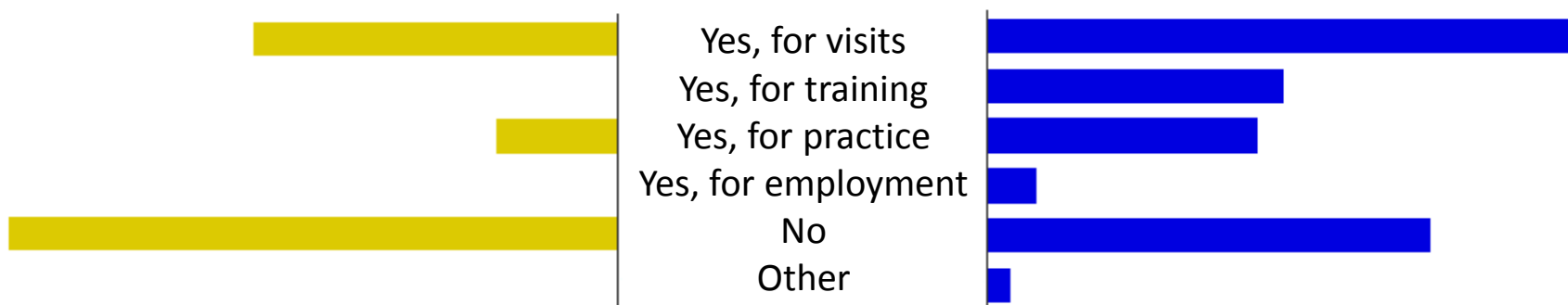




## Tourism Stakeholders



# Can your organization receive GIT students?

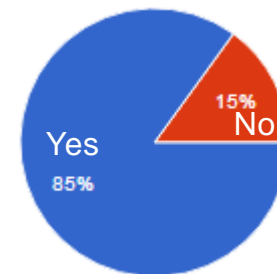




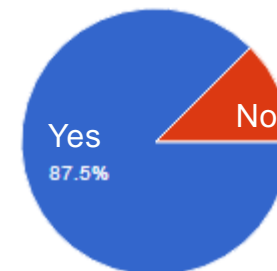
## Tourism Stakeholders



Do you think GIT can play an important role in visualization and promotion of cultural heritage and tourism?



Do you think GIT can play an important role in promotion of cultural tourism?

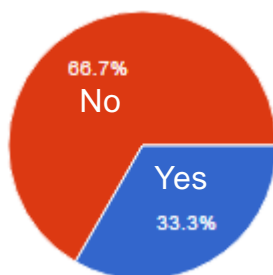




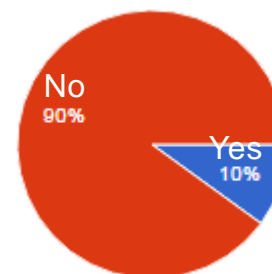
## Tourism Stakeholders



Do your organization/department has some experiences regarding the use of GIT in cultural heritage or tourism?



Yes  
No



If Yes, please briefly describe these experiences

- ვაგროვებთ ინფორმაციას, ვაელებქტორნულეზთ კულტურული მემკვიდრეობის ძეგლების შესახებ ინფორმაციას და ვუწევთ პოპულარიზაციას ვებ-გვერდის, სოციალური ქსელების საშუალებით.
- N/A
- ჩვენ ვამზადებთ მობილურ აპლიკაციას Android-ის სისტემის ბაზაზე, guriatourizm, ასევე google map-ზე დავიტანეთ, გურიის ტურისტული პოტენციალის მონაცემთა ბაზა

- Tracking GPS data of hiking trails and then updating to OpenStreetMap



## Tourism Stakeholders



### Other comments on tourism education, as well as GIT education needs in your Country

- ზოგადად ძალიან მცირეა ტექნოლოგიური პროექტები საქართველოში, ასევე რთულია ფინანსებთან წვდომა, შესაბამისათუ იქნება დაფინანსების შესაძლებლობები მეტი, მით მეტად განვითარდება ტექნოლოგიური და ნოვაციური ტურიზმი. ტურიზმის სფეროს მიმართ ბევრი შენიშვნა გვაქვს, დაწყებული კანონმდებლობიდან, დამთავრებული ინფრასტრუქტურით და სერვისებით.
- აუცილებელია ამ მიმართულებით სწავლების გაძლიერება
- Armenia needs a comprehensive ecotourism map of all attractions, businesses, and stakeholders. We will help by adding hiking trails to such a map.

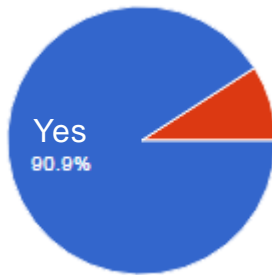


## Stakeholders GEO: 33

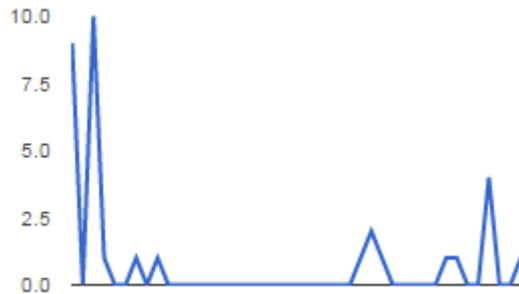
## Stakeholders ARM: 43



I agree to public use of my responses by HERITAG study



## Number of daily responses



# Final steps

- GEO partners apply efforts in April to increase response rates using direct contact with stakeholders and students' "active semester"
- ARM partners to try the same, but particularly needed to involve wider range of stakeholders
- GeoG to draft report by early May
- Aim to finalise task 1.2 report in May 2017
- Repeating at project end might be interesting

# THANK YOU

Presenter: Mamuka GVILAVA

GeoGraphic, Georgia