

# QTEM ANNUAL REPORT 2021-22

QUANTITATIVE  
TECHNIQUES  
FOR ECONOMICS  
& MANAGEMENT



QTEM

**INTERNATIONAL  
EXCHANGES  
TOP UNIVERSITIES  
NETWORK  
EXPERTISE  
INTERNSHIP  
ECONOMICS  
MANAGEMENT**

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## WELCOME FROM THE QTEM CHAIR OF THE BOARD



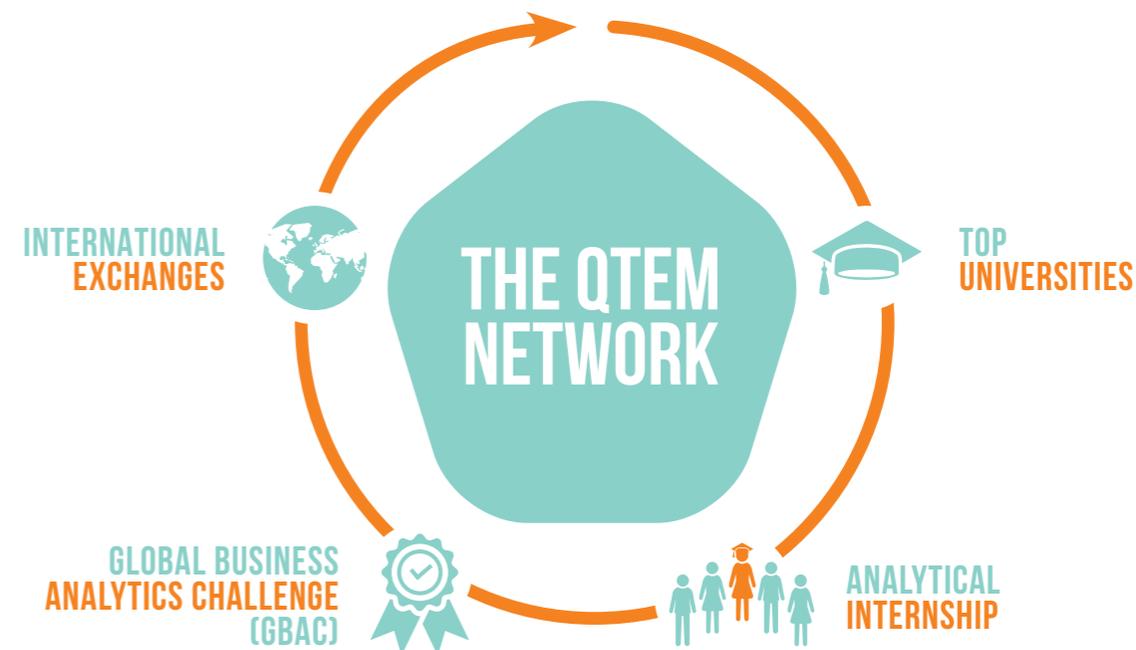
**Michaela Rankin**  
QTEM Chair of the Board  
Monash Business School

It has been my privilege to serve this past year as Chair of the QTEM Board. As we conclude our ninth year, we have much to celebrate and much more to look forward to. And that is in no small part due to the dedication and enthusiasm of our Academic and Corporate Partners, students, alumni, and stakeholders. On behalf of the Board, thank you for your enduring support!

This past year—even with the challenges of Covid—has seen steady student enrolment; the addition of two new QTEaM members; Amazon, Cartier, and Reacfin joining as our newest Corporate Partners and The British Red Cross joining as our newest Social Partner. Welcome to all! When considering this continued interest, coupled with the remarkable participation of our Corporate Partners in the QTEM Data Challenge (QDC), and the fact that 90% of QTEM graduates are employed within three months of graduating, the case for QTEM is clear. Data is driving business and our graduates have the skills and experience to step into their careers and future. As we prepare to embark on our next decade, the question will be: how do we educate our graduates to meet the challenges of using data analytics to create a better world?

While the Covid pandemic presented no shortage of obstacles, it also presented us the opportunity to look internally and formulate the next steps in QTEM's development and growth. We look forward to facing the challenge of continuously providing our students an exceptional educational experience that befits the rapidly changing times. And, more importantly, we look forward to sharing how the QTEM community rises to the challenge of using analytics to create a better world.

## ABOUT US



As businesses increasingly rely on data driven decisions in a globally connected world, the QTEM network provides a singular education. QTEM students have access to **top universities** for analytics, management and economics; professional experience from an **analytical internship**; group and digital learning from the **Global Business Analytics Challenge (GBAC)**; and international experience from at least one **exchange** at partner universities.

There is a high degree of academic freedom as students can chart their academic path during exchanges, but a cohort learning effect from the online GBAC. There is simply nothing else like the QTEM program—a remarkable experience for remarkable students!



**Marco Cortese**

QTEM  
Student Association President  
Politecnico di Milano

# QTEM

Student Association (QSA)

Thanks to the dedication and efforts of the outgoing QSA Board, the fifth year of the QTEM Student Association (QSA) was a success! The QSA helped the network support and guide all students in this large family to get the most from the QTEM program. The QSA has continued to grow following the core principles of sharing, respect, and diversity – the cornerstones of the network’s culture.

Last year, the QSA organised around 40 activities with more than 300 participants globally, most of them offline, taking advantage of the easing of some pandemic restrictions. Remarkably, there was a high level of interest for an online alumni networking event, as well as a visit to Amazon headquarters in Munich where several QTEM alumni were also present. With alumni at both corporate and networking events, the QSA goal of helping maintain ties between new students and alumni is achieved.

Several initiatives were launched this past year, such as the presentation of Academic Partners via an Instagram takeover and the Tips and Tricks guide. Both will support QTEMers in the coming years with detailed information about the different universities gathered from students who have been on exchange there.

As the new President of the QSA Executive Board, I am looking forward to working closely with the local representatives and building strong connections with every one of them. My main goal is to strengthen the network of brilliant QTEM students worldwide, supporting them during the academic year and pushing all of us beyond our limits to grow as humans and professionals.

## QTEM STUDENTS AROUND THE GLOBE

Together at last! As Covid restrictions eased around the world, QTEM had the pleasure to host an abridged version of the Annual Event and Graduation in Paris. While attendance restrictions were still necessary, it was a joy to see and celebrate the 2020 Alan Turing and the 2021 Nikola Tesla cohorts! We look forward to more of the good times and experiences together that make the QTEM journey one that informs and inspires.

### MEET THE 2020 ALAN TURING COHORT

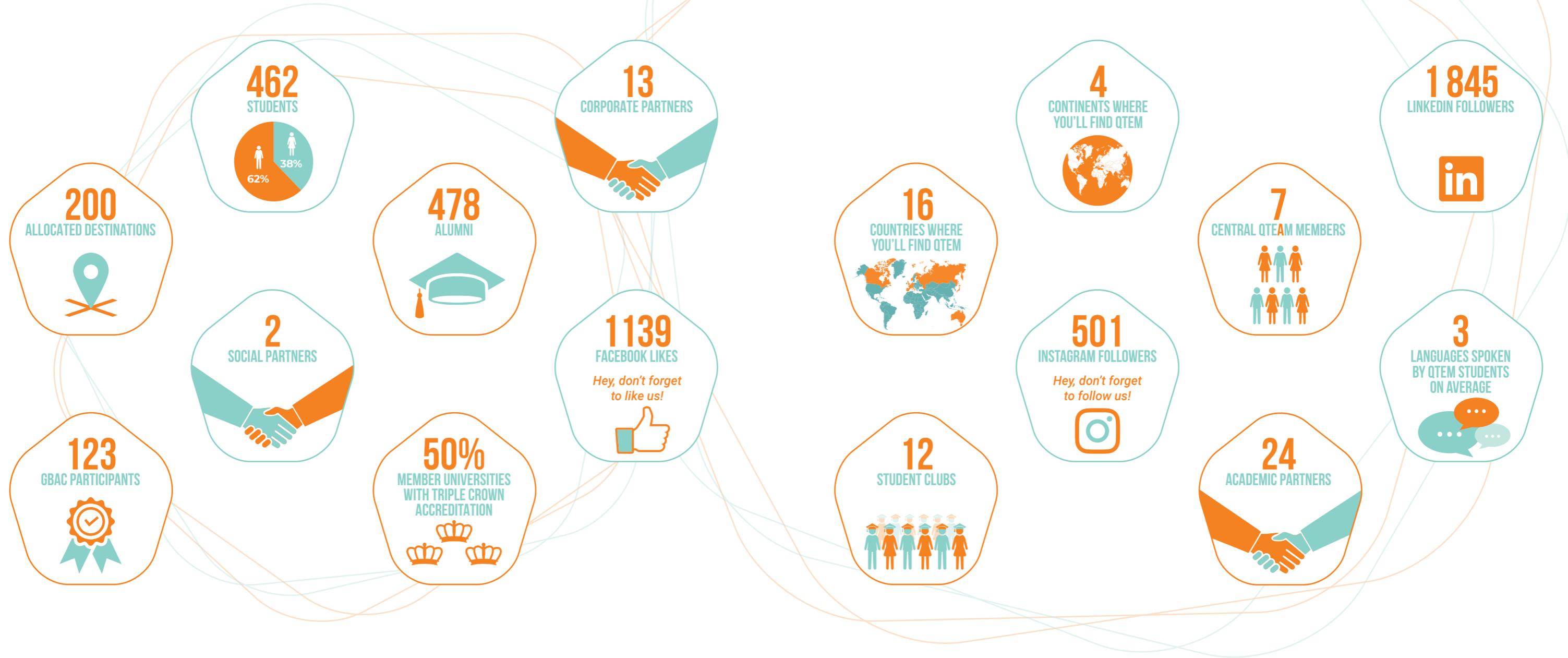


### AND THE 2021 NIKOLA TESLA COHORT!



- OSLO** (Norway flag): Photo of three male students in blue QTEM shirts.
- BRUSSELS** (Belgium flag): Photo of a group of students posing outdoors.
- MÜNICH** (Germany flag): Photo of a group of students sitting around a table in a restaurant.
- PORTO** (Portugal flag): Photo of a group of students holding a banner that says "QTEM PORTO CLUB".
- ROME** (Italy flag): Photo of a group of students dining at an outdoor cafe.
- LAUSANNE** (Switzerland flag): Photo of a group of students standing together outdoors.

# QTEM 2021-2022 BY THE NUMBERS

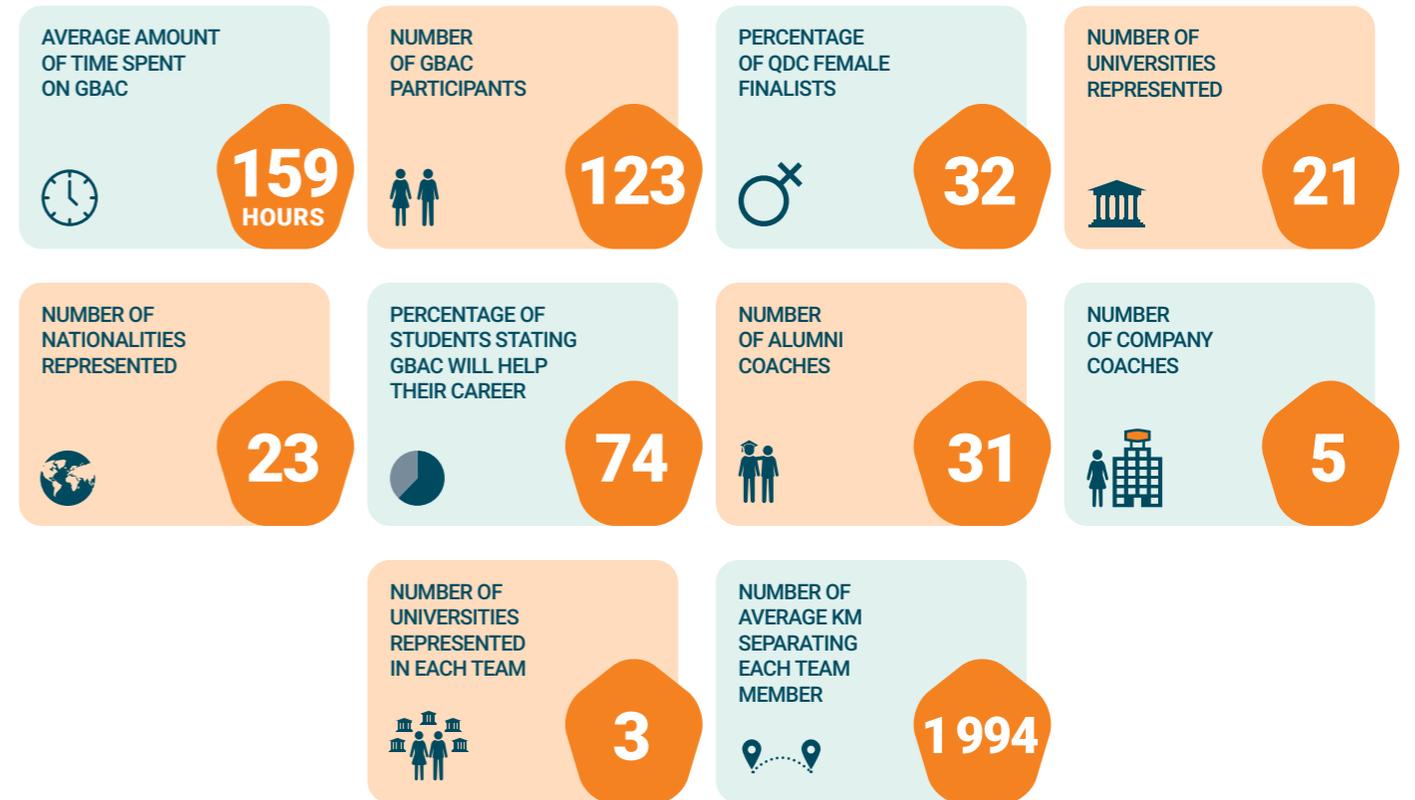


# THE GLOBAL BUSINESS ANALYTICS CHALLENGE (GBAC)

## GBAC BY THE NUMBERS

The Global Business Analytics Challenge (GBAC) is a cornerstone of the QTEM program. During the GBAC, students complete two online trainings given by academic and industry experts to impart and enhance analytical, communication and collaboration skills. GBAC courses focus on Data Science and Digital Leadership. These online courses are also crucial for students to develop a shared knowledge base and learn digital tools— an applicability further underscored by the Covid pandemic.

After completing the online courses, students are then assigned to international teams for the QTEM Data Challenge (QDC). Learning in a global, collaborative environment, students use their classroom and GBAC trainings to solve real world business problems on actual anonymized data sets. It is these types of realistic business experiences that make the GBAC a critical part of the QTEM education—and one that prepares our students to assume leadership positions and solve business problems based on strong data analytical skillsets.



# THE QTEM DATA CHALLENGE

## QDC WINNERS

Congratulations to the **Millennium Challenge** and the **Cracking Covid: Using Analytics to Cope with the Pandemic** finalists and winners! Four teams composed of three students from around the globe presented their insights and solutions to a panel of academic and industry experts at the Annual Event in Paris. It was a thrill to see everyone together again! A huge thank you to all judges, coaches, finalists and participants!



**WINNING TEAM:**  
RunTime Terror



Ha Dao  
TUM



Maxime Jacquier  
HEC Lausanne



Andrea Mario Campagnola  
Politecnico di Milano



COACHED BY:



Korentin Ninane  
In memoriam, SBS-EM alumnus



**2<sup>ND</sup> PLACE TEAM:**  
QT8



Federico Piazza  
UPF-BSM



Rares Andei Triscau  
Politecnico di Milano



Wuxin Huang  
Goethe

COACHED BY:



Kashmeel Bisseru  
BI alumnus



**3<sup>RD</sup> PLACE TEAM:**  
Ignite



Nikita Brunner  
HEC Lausanne



Benjamin Le Gourriérec  
HEC Lausanne



Prateek Dudeja  
Monash Business School

COACHED BY:



Santiago Veintimilla  
Politecnico di Milano alumnus



**3<sup>RD</sup> PLACE TEAM:**  
PortoBel



Severine Nolf  
SBS-EM



Tânia Costa  
FEP-U.Porto



Therese de Brouwer  
SBS-EM

COACHED BY:



Loïk-Maël Nys  
SBS-EM alumnus

## QDC ALUMNI COACHES



**Kashmeel Bisseru**  
BI alumnus

This past year 31 alumni and 5 Corporate Partner representatives volunteered to coach QDC teams! This is exactly what makes the QDC experience exceptional: the dedication and expertise from our Corporate Partners and our growing alumni network. Both of these stakeholders are well-placed to aid students in their personal, professional and QTEM development. Real-world learning looks like this, and we are grateful for the enthusiastic participation of these coaches. In particular, this past year, we would like to recognize Kashmeel Bisseru, a BI Norwegian Business School alumnus. In 2020, Kashmeel's team reached the finals and placed third, while he himself won the Best Presenter award. He returned in 2021 and 2022 as an alumni coach, guiding the second place team, QT8. So, who better to comment on the special relationship of alumni coaches and the QDC, than one of our own!

**Qtem**  
What was it about the QDC that made you want to return and coach?

**Kashmeel Bisseru**  
I basically enjoy the experience of interacting with students from different disciplines. That is one attractive characteristic of the QDC. Then I also like the exercise of giving feedback after gauging my group's progress.

**Qtem**  
What traits do you think contribute to a winning team?

**Kashmeel Bisseru**  
A team that collaborates effectively by dividing duties based on expertise and interest is a must. Secondly, the time taken at the outset to clearly grasp the problem (and its nuances) helps to guide the research process and thereafter the solution creation. Lastly, a solid presentation allows the group to convey their work convincingly to the audience.

**Qtem**  
How has the GBAC and QDC added value to your current career?

**Kashmeel Bisseru**  
I am currently a Technology Consultant in Norway. When I was a participant, the QDC helped me to practice presenting with confidence. Being on the opposite side, as a coach, taught me to brush aside my preconceptions. With an open mind, I was able to provide more relatable feedback to my team members.

**Qtem**  
Thank you Kashmeel and all coaches!



# USING ANALYTICS TO CREATE A BETTER WORLD



# CORPORATE PARTNERS EVENTS

## QTEM STUDENTS + ANALYTICS + CORPORATE & SOCIAL PARTNERS = SUCCESS

Corporate and Social Partners are a foundation of the QTEM network. While partners have access to top talent and the chance to partake in the QDC, students have the chance to gain insights from leading companies and organizations. From *Crack the Case* with McKinsey & Company in Porto and Brussels; to visiting Amazon's headquarters in Munich; to events with Cartier at The Louvre and a private tour of the Watches & Wonders exposition in Switzerland, students experience Partners' working cultures and how data and analytics inform business decisions across sectors.

This year also saw the addition of online trainings from Hays recruiters. Here, students master career tools such as interviewing skills as well as CV and cover letter creation with global recruiting experts. Another aspect of the QTEM experience that prepares students for their careers and futures.



Crack the Case with McKinsey in Brussels

**DEC 16**  
18 hrs CET

How to prepare for a **DIGITAL JOB INTERVIEW**

- Planning for the interview
- Anticipating questions
- Positive communication

**HAYS** Recruiting experts worldwide



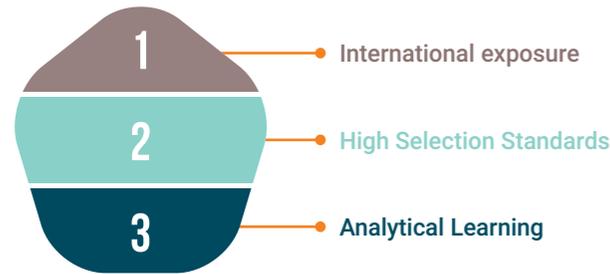
QTEM students visiting Amazon HQ in Munich



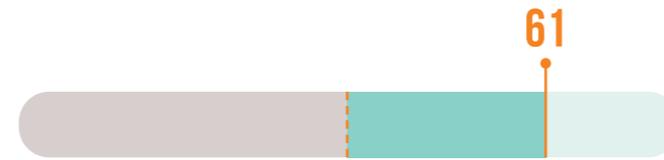
Cartier Art Dialogues at Louvre Museum in Paris

# QTEM ALUMNI

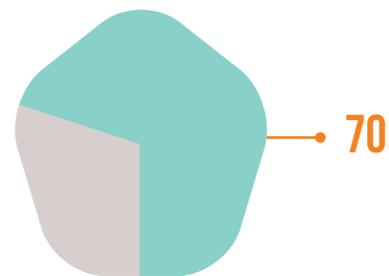
## TOP REASONS FOR CHOOSING QTEM



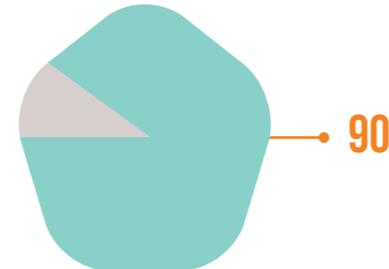
## POSITIVE NET PROMOTER SCORE



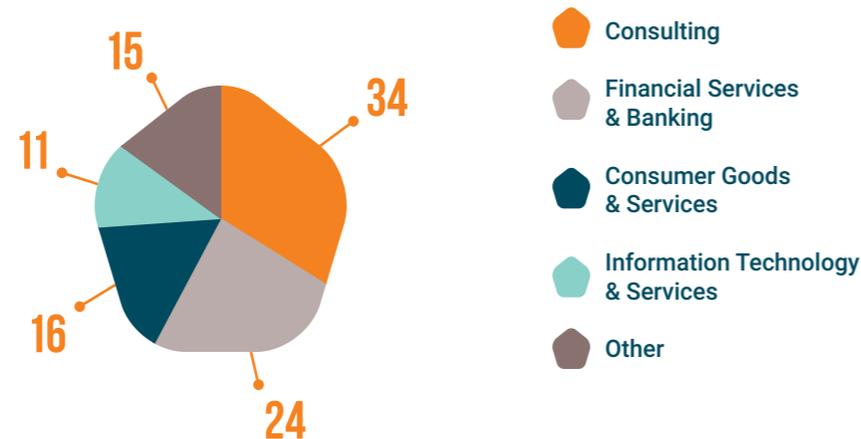
## % ALUMNI WHO FOUND JOB BEFORE GRADUATING



## % ALUMNI WHO FOUND JOB WITHIN 3 MONTHS OF GRADUATION



## % ALUMNI PER INDUSTRY:



## FROM THE CORPORATE PARTNER ADVISORY COUNCIL PRESIDENT



**Giulia Longo**  
Senior Consultant, Technology-Enabled Transformation Team, EY Consulting  
Luiss '17

Even though 2020 and 2021 were two challenging years for the Network, they provided many opportunities for QTEM to improve in the current academic year.

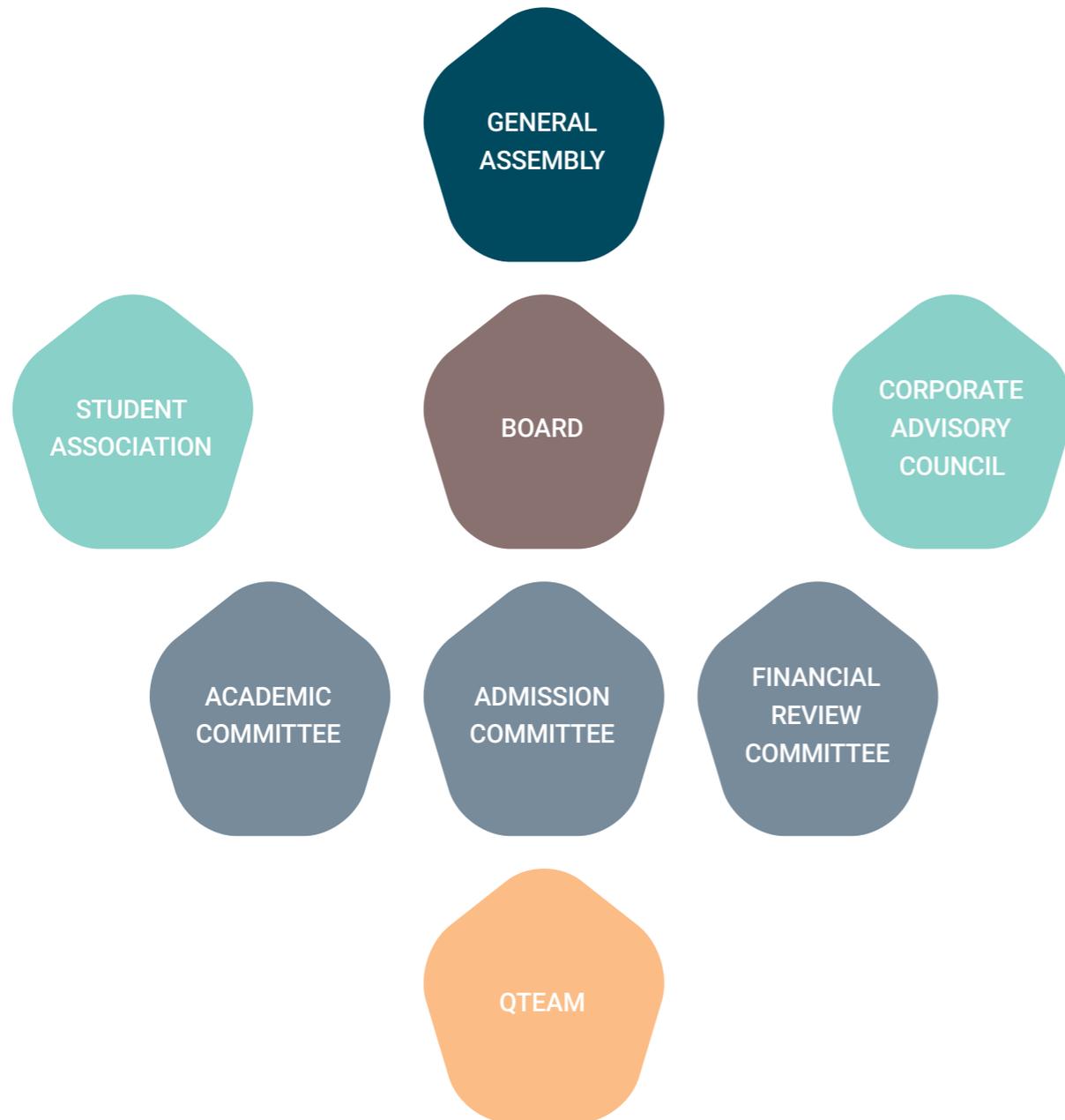
Making the most of all the learnings, on one hand QTEM again promoted many in-person events, which was a very welcome change for students and Corporate Partners. This not only provided new recruiting prospects, but also the possibility to organize occasions to foster connection and interaction between the professional and academic worlds. Continuing along this path, QTEM is fully committed and looking forward to an in-person Annual Event in Porto in October 2022, organizing a bigger job fair with more Corporate Partner representation.

On the other hand, the Network was able to retain the advantages coming from all the digital tools and opportunities introduced during the years of travel restrictions, keeping up with the new digitalized processes in terms of communication, recruiting, and QTEM-specific learning modules for students. This includes the GBAC challenge, which is a perfect example of how students from all over the world can collaborate despite distance, thanks to the initiatives and tools provided by the Network. In this respect, we observed an increasing roll of CPs in the GBAC: recent challenges used anonymized data from Corporate Partner Q8 and the Social Partner British Red Cross, while the upcoming GBAC will use anonymized data from Cartier. This is certainly a positive signifier to the importance of data in business and the relevancy of the QTEM program.

As every year, I renew the commitment of all the member firms in the Corporate Advisory Council to foster the growth of the QTEM Master's Network and to contribute actively to make it happen, working collaboratively with academics and students.



# HOW WE WORK



## ACADEMIC PARTNERS



## CORPORATE & SOCIAL PARTNERS





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Belgium

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