MAJANDUSAASTA ARUANNE

aruandeaasta algus: 01.01.2025
aruandeaasta lõpp: 31.12.2025

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Sisukord

Tegevusaruanne **3**

Raamatupidamise aastaaruanne **8**

Bilanss **8**

Tulemiaruanne **9**

Raamatupidamise aastaaruande lisad **10**

Lisa 1 Arvestuspõhimõtted **10**

Lisa 2 Tööjõukulud **10**

Lisa 3 Seotud osapooled **10**

Aruande allkirjad **11**

Tegevusaruanne

Annual report 2025

QWorld Association

1. General overview

In 2025, QWorld Association continued its work to make quantum computing and quantum technologies more accessible through education, research-oriented activities, community support, and international collaboration.

The Association's activities were carried out mainly through its departments and volunteer network. During the reporting year, QWorld focused on supporting structured quantum education, coordinating research-oriented learning opportunities, maintaining and strengthening the QCousins network, and developing partnerships with international organizations and initiatives.

2. QEducation Department

The QEducation Department continued to play a central role in QWorld's mission by coordinating and supporting educational activities in quantum computing. The department worked on direct educational programs, collaborations with partner organizations, instructor and mentor training, and the maintenance and development of QWorld's learning pathways.

In 2025, QEducation contributed to several international educational activities. A major activity was the ADEQUATE Project, delivered in collaboration with QURECA and funded by the EIT Deep Tech Talent Initiative. The project provided an advanced end-to-end overview of quantum algorithms and computational techniques and reported more than 2,000 diplomas by November 2025.

The department also supported hackathon-related educational programs. The QWorld NYUAD Hackathon Quantum Computing Course prepared participants for the NYUAD International Hackathon for Social Good, covering QBronze and QNickel content. QEducation also delivered certification courses connected to Open Quantum Institute-supported hackathons, helping participants develop the theoretical and applied skills needed for quantum hackathon participation.

In addition, QWorld continued its collaboration with Womanium through the QWorld Womanium Quantum Summer School, which resulted in 603 diplomas awarded. The department also organized QTraining10 for QBronze instructors and mentors, strengthening QWorld's instructor and mentor pipeline and supporting the quality and sustainability of future workshops.

Other 2025 activities included QCobalt8 in collaboration with QPakistan, QBronze176 at the ATIC Congress in Tunisia, and QBronze180 in collaboration with the African Quantum Consortium as part of the Africa Quantum Hackathon 2025.

For 2026, QEducation plans to continue developing structured learning opportunities, including QCourse581-1, a semester-long university-level quantum course. The department also plans to continue QML content development and explore collaborations with partners such as PennyLane, the European Quantum Academy consortium, and Dojo Coding. Updating existing content in response to software changes and assessment refinements will remain an important part of maintaining the quality and relevance of QWorld's educational materials.

3. QResearch Department

The QResearch Department continued to provide research-oriented opportunities for learners, early-career researchers, mentors, and volunteers. Its main activity in 2025 was QIntern 2025, a remote internship program coordinated by Aritra Sarkar and Oskar S■owik.

QIntern 2025 ran from July 1 to August 17. The program selected 16 projects out of 25 proposed projects and involved 94 interns selected from 600 applications. The projects covered areas including theoretical exploration, quantum algorithm development, and community profiling. Twelve projects presented their results during a mini-conference.

The department reported that several administrative processes for QIntern have become more streamlined compared with previous editions, including project voting, emails, and certificate generation. This provides a stronger organizational base for future editions. At the same time, the department identified areas for improvement, including participant engagement, FAQ handling, feedback processes, and the possible inclusion of invited virtual talks before or during the program.

For 2026, QResearch plans to continue QIntern and slightly expand the number of accepted projects, with a target of up to 25 projects. The department also intends to strengthen engagement with quantum computing industry leaders, sponsors, and external organizations. This could help align internship projects with real-world challenges and create stronger opportunities for interns and mentors, including possible follow-up internships and research outputs.

QResearch also plans to contribute to QuantumScienceDays 2026 and to develop a Quantum Collaborator Search initiative. This initiative is envisioned as a way to connect researchers, students, mentors, and potential collaborators globally, supporting study groups, internships, research collaborations, and grant proposal teams.

4. QCousins Department and the QWorld community network

The QCousins Department supports the establishment, development, and coordination of local QCousin communities connected to QWorld's mission. Its role is to provide guidance, maintain communication with local groups, support the creation of new QCousins, monitor the activity of existing QCousins, and encourage collaboration across the wider QWorld network.

The activities of individual QCousins are generally organized by local volunteer communities and should not be understood as direct operational activities of QWorld Association, unless they are explicitly organized, co-organized, or administered by QWorld. Nevertheless, the work reported by QCousins provides an important view of the broader ecosystem that QWorld helps to connect and support.

In 2025, the QCousins Department reviewed the status and activity of the QCousins network. At the end of the reporting year, the network included 17 active QCousins, 6 partially active QCousins, 6 almost inactive QCousins, and 12 inactive or suspended QCousins. This classification helped the department assess where local communities were developing well, where additional support could be useful, and where renewal or restructuring may be needed.

The reports received from QCousins show that many local communities continued to contribute to quantum education, outreach, workshops, seminars, hackathons, and public engagement in their respective regions. These activities demonstrate the vitality of the wider QWorld ecosystem and the continued relevance of QWorld's educational mission. For the Association, the main achievement lies in maintaining, supporting, and strengthening this international community structure.

In 2026, the QCousins Department plans to continue monitoring the activity of existing QCousins, update guidelines where needed, support the establishment of new QCousins, and explore ways to strengthen regional and continental coordination. The department also aims to identify new ways of energizing and empowering local communities beyond their current capacities.

5. Strategic development and subsequent events

In 2025, QWorld was part of the successful proposal for the European Quantum Academy, a major pan-European initiative aimed at strengthening quantum education, training, mobility, and workforce development across Europe. The proposal was selected for funding in December 2025, with project implementation starting in 2026.

QWorld's planned role in the consortium builds on the Association's experience in open quantum education, international learning communities, student mobility, communication, and inclusive access to quantum technologies. Through this participation, QWorld is expected to contribute to the development of accessible learning resources, mobility and community-building activities, dissemination, and broader ecosystem coordination within the European quantum education landscape.

6. Outlook for 2026

In 2026, QWorld intends to continue strengthening its core activities in education, research-oriented learning, and international community support.

The Association's priorities include continuing and improving QIntern, developing new educational courses and materials, supporting instructor and mentor development, strengthening the QCousins network, and contributing to European and international initiatives in quantum education and workforce development.

A recurring theme across the department reports is the need to combine growth with sustainability. QWorld's volunteer-driven model remains a major strength, but it also requires clear coordination, good documentation, reliable communication, and renewed support structures. In 2026, the Association will therefore continue working not only to expand its reach, but also to improve the resilience and continuity of its activities.

7. List of QWorld organised and supported activities in 2025

The following table summarizes QWorld activities and QWorld-supported workshops, courses, trainings, hackathons, and community programs during the reporting year. The table includes activities organized directly by QWorld departments as well as activities organized by local QCousin communities with support from QWorld's educational materials, infrastructure, or wider network.

No.	Activity title	Location / format	Dates	Partners / organizers
1	ADEQUATE Project	Global / online	January–December 2025	QWorld, QURECA; European Institute of Technology Deep Tech Talent Initiative
2	QWorld NYUAD Hackathon Quantum Computing Course 2025	Global / online	17–26 February 2025	QWorld; NYUAD International Hackathon for Social Good
3	QWorld Womanium Quantum Summer School 2025	Global / online	4, 9 and 11 June 2025	QWorld; Womanium
4	QWorld OQI Hackathon Quantum Computing Certification Courses	Global / online; supporting hackathons in Ghana, Thailand, Egypt and Uruguay	19–28 May 2025 and 4–13 August 2025	QWorld; Open Quantum Institute
5	QTraining10 for QBronze	Global / online	15–28 September 2025	QWorld instructor and mentor community
6	QCobalt8	Pakistan / online	29 September–2 October 2025	QWorld; QPakistan
7	QBronze176	Tunisia	18–19 October 2025	QWorld; ATIC Congress; IEEE IIT Student Branch
8	QBronze180	Africa Quantum Hackathon 2025 / online	1–5 December 2025	QWorld; African Quantum Consortium
9	QIntern 2025	Global / online	1 July–17 August 2025	QWorld mentor and intern community
10	QNexus introductory quantum computing course	Algeria	15–17 February 2025	QAlgeria
11	QBronze Quantum Programming Workshop	Czechia / online	23–28 November 2025	QCzech
12	QSilver Quantum Programming Workshop	Czechia / online	Dates not specified	QCzech
13	Prague Quantum Hackathon	Prague, Czechia	18–20 June 2025	QCzech; Czech Technical University in Prague; IBM Quantum
14	Qiskit Fall Fest 2025	Czechia / hybrid	25 October 2025	QCzech; Czech Technical University in Prague
15	QBronze153	Italy / hybrid	February 2025	QItaly; CRS4; Cagliari Digital Lab / DLab
16	QNickel20	Italy / hybrid	March 2025	QItaly; CRS4; Cagliari Digital Lab / DLab
17	QBronze170	Libya	10–13 August 2025	QLibya

18	QSilver30	Libya	17–20 August 2025	QLibya
19	Quantum Computing to Emerging Computing Workshop	Tripoli, Libya	31 August–2 September 2025	QLibya; Computer Engineering Department, University of Tripoli
20	QCoffee Corner Series launch workshop	Libya	4 December 2025	QLibya
21	QSilver28	Nepal / online	Date not specified	QNepal
22	Qiskit Fall Fest at University of Uyo	Uyo, Nigeria	25 September–8 November 2025	QNigeria; University of Uyo
23	Qiskit Fall Fest at University of Ibadan	Ibadan, Nigeria	13 August 2025	QNigeria; University of Ibadan
24	QBronze160	Poland / online	22–24 and 26–27 May 2025	QPoland
25	QBronze166	Poland / online	1–3 and 6–7 October 2025	QPoland
26	Quantum Machine Learning Workshop	Poland / online	12–13 April 2025	QPoland
27	Quantum Machine Learning Workshop	Poland / online	11–12 October 2025	QPoland
28	QPoland Global Quantum Hackathon	Global / online	18–26 October 2025	QPoland
29	QBronze152	Bulgaria / online	15–16 and 22–23 February 2025	QBulgaria; QSlovenia
30	QBronze177	Bulgaria / Canada / online	15–16 and 22–23 November 2025	QBulgaria; QCanada
31	QBronze151	Turkey / online	27 January–1 February 2025	QTurkey
32	QPrep18	Turkey / online	15–17 February 2025	QTurkey
33	QBronze155	Turkey / online	21–23 February 2025	QTurkey
34	QBronze156	Turkey / online	10–14 March 2025	QTurkey
35	QBronze158	Turkey / online	15–27 April 2025	QTurkey
36	QBronze161	Turkey / online	24–27 April 2025	QTurkey
37	QNickel21	Turkey / online	15–25 May 2025	QTurkey
38	QTraining9	Turkey / online	2–14 June 2025	QTurkey
39	QPrep19	Turkey / online	30 June and 1–2 July 2025	QTurkey
40	QBronze162	Turkey / online	7–11 July 2025	QTurkey
41	QSilver27	Turkey / online	21–25 July 2025	QTurkey
42	QCobalt7	Turkey / online	4–7 August 2025	QTurkey
43	QNickel23	Turkey / online	18–22 August 2025	QTurkey
44	QMercury4	Turkey / online	September 2025	QTurkey
45	QZinc3	Turkey / online	September 2025	QTurkey
46	QTitanium2	Turkey / online	September 2025	QTurkey
47	QBronze171	Turkey / online	25–27 September 2025	QTurkey
48	NITheCS Winter Internship Programme: Introduction to Quantum Computing	Stellenbosch, South Africa	July 2025	QSouthAfrica; NITheCS; Stellenbosch University

49	NITheCS Mini-school: An Introduction to Quantum Biology	South Africa	May 2025	QSouthAfrica; NITheCS
50	NITheCS Mini-school: Hands-On Introduction to Quantum Computing with PennyLane	South Africa	August 2025	QSouthAfrica; NITheCS
51	QPrep20	Iran	7–9 October 2025	QIran; Isfahan Physics House
52	QBronze172	Iran	12–30 October 2025	QIran; Isfahan Physics House
53	QBronze178	Iran	26–27 November, 3–4 December and 10–11 December 2025	QIran; Iran University of Science and Technology
54	QBronze167	India / online	Date not specified	QIndia
55	QSilver28	India / online	Date not specified	QIndia
56	Quantum Technologies master's course	Almaty, Kazakhstan	Semester-long in 2025	QBosnia; International Information Technology University
57	QBronze157	Bangladesh / online	19, 20, 26 and 27 April 2025	QBangladesh
58	QSilver31	Bangladesh / online	18, 19, 25 and 26 October 2025	QBangladesh
59	QBronze148	Brazil / online	Date not specified	QBrasil
60	QBronze168	Lebanon / online	September 2025	QLebanon
61	QBronze175	Tunisia / online	Date not specified	QTunisia
62	QPrep21	Saudi Arabia / online	31 October–1 November 2025	QSaudi Arabia
63	QBronze174	Saudi Arabia / online	7–8 and 14–15 November 2025	QSaudi Arabia
64	QBronze169	Hong Kong / online	30 September–1 October and 6–7 October 2025	QHongKong
65	QBronze159	Egypt	1–3 and 9–10 May 2025	QEgypt
66	QCourse110-1	Egypt	July–September 2025	QEgypt; AIU; AleQCG
67	Winter School on Quantum Computing and Information	Hurghada, Egypt	9–13 February 2025	QEgypt; Hurghada University
68	Alexandria Quantum Hackathon	Alexandria, Egypt	3–5 September 2025	QEgypt; Bibliotheca Alexandrina
69	Quantum Computing workshops at ASRT and Electronics Research Institute	Egypt	Dates not specified	QEgypt; ASRT; Electronics Research Institute
70	Quantum Computing Courses under the Latvian Quantum Initiative	Latvia	Throughout 2025	QLatvia; University of Latvia; Latvian Quantum Initiative
71	"My Photonic Ship" workshops	Latvia	Throughout 2025	QLatvia

Raamatupidamise aastaaruanne

Bilanss
(eurodes)

	31.12.2025	31.12.2024
Varad		
Käibevarad		
Raha	14 714	42 160
Nõuded ja ettemaksed	53 137	0
Varud	17	0
Kokku käibevarad	**67 868**	**42 160**
Kokku varad	**67 868**	**42 160**
Kohustised ja netovara		
Kohustised		
Pikaajalised kohustised		
Laenukohustised	1 300	0
Võlad ja ettemaksed	552	78
Kokku pikaajalised kohustised	**1 852**	**78**
Kokku kohustised	**1 852**	**78**
Netovara		
Eelmiste perioodide akumuleeritud tulem	42 082	5 963
Aruandeaasta tulem	23 934	36 119
Kokku netovara	**66 016**	**42 082**
Kokku kohustised ja netovara	**67 868**	**42 160**

Tulemiaruanne

(eurodes)

	2025	2024
Tulud		
Annetused ja toetused	104 115	31 469
Kokku tulud	**104 115**	**31 469**
Kulud		
Sihtotstarbeliselt finantseeritud projektide otsesed kulud	-4 013	0
Mitmesugused tegevuskulud	-33 931	-2 211
Tööjõukulud	-42 229	0
Muud kulud	-8	0
Kokku kulud	**-80 181**	**-2 211**
Põhitegevuse tulem	**23 934**	**29 258**
Muud finantstulud ja -kulud	0	6 861
Aruandeaasta tulem	**23 934**	**36 119**

Raamatupidamise aastaaruande lisad

Lisa 1 Arvestuspõhimõtted

Käesolev aruanne on Eesti finantsaruandluse standardist lähtuv mikroettevõtja lühendatud raamatupidamise aastaaruanne, mille eesmärk on anda aruande kasutajale raamatupidamise seaduses nõutud informatsiooni aruandekohustuslase finantsseisundi ja -tulemuse kohta.

Ettevõte on jätkuvalt tegutsev: Jah

Lisa 2 Tööjõukulud

(eurodes)

	2025	2024
Palgakulu	42 229	0
Kokku tööjõukulud	**42 229**	**0**

Lisa 3 Seotud osapooled

(eurodes)

Liikmete arv majandusaasta lõpu seisuga		
	31.12.2025	**31.12.2024**
Füüsilisest isikust liikmete arv	3	3

Aruande elektroonilised kinnitused

Aruande lõpetamise kuupäev on: 30.06.2026

QWorld Association (registrikood: 80588591) 01.01.2025 - 31.12.2025 majandusaasta aruande andmete õigsust on elektrooniliselt kinnitanud:

Kinnitaja nimi	Kinnitaja roll	Kinnituse andmise aeg
Aurél Gábor Gábris	Management board member	30.06.2026
Resolutsioon:	The Annual Report has been approved by the General Meeting of the Association on 29. 06. 2025.	

Aruande üldkoosoleku kinnitamise staatus

Üldkoosoleku poolt kinnitatud

Tegevusalad

Tegevusala	EMTAK kood	EMTAK versioon	Põhitegevusala
Muu mujal liigitamata õpe	**85599**	**EMTAK 2025**	**Yes**