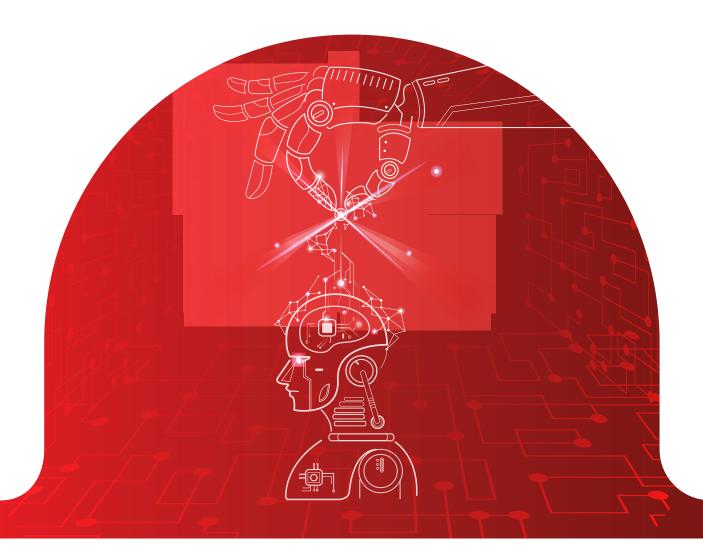


# The International Fair and Forum for Technical, Dual System Education, and Vocational Training.

## From 18-17 April 2024









# Index

- Official Ministries Auspices
- EduTech Organizing Committee
- EduTech Event Background
- Exhibition
- Jobs and Career path
- Exhibition Gallery
- EduTech Forum
- Forum Program
- VIP and Forum Gallery
- Recommendations
- Interactive Theater
- Side Events
- 🛑 Floor Plan



#### Under the auspices of the following ministers:

- • Prof. Reda Hegazy Minister of Education and Technical Education
- • Prof. Mohamed Ayman Ashour Minister of Higher Education and Scientific Research
- Prof. Hala Elsaid Minister of Planning and Economic Development
- Mr. Hassan Shehata Minister of Labour
- Dr. Amr Talaat Minister of Communications and Information Technology.
- Eng. Ahmed Samir Minister of trade and industry
- Eng. Mohamad Salah Minister of Military Production
- Ambassador Soha Gendy Minister of Emigration and Egyption Expatriates Affairs
- Eng. Tarek El Molla Minister of Petroleum & Mineral Resources.

#### And the attendance of representatives of the ministers:

- Dr. Reda Hegazy Minister of Education & Technical Education
- Mr. Hassan Shehata Minister of Labor
- **Dr. Hesham Farouk -** on behalf of the Miniter of Communication and Information Technology **Dr. Amr Talaat.**
- **Dr. Hanan Nazir** on behalf of Dr. Hala El-Saeed Minister of Planning and Economic Development
- • Prof. Ahmed Elsabbagh Minister advisor for technical and technological education
- --• Ms. Margaret Sancho Deputy USAID Mission Director





#### **Edutech Fair and Forum Insights**

This groundbreaking event promises to be an epic convergence of minds



is set to ignite your imagination and inspire innovation.







#### **Background**:

EDUGATE successfully launched the first edition of the annual exhibition and technical forum for TVET "EduTech" in March 2022 then the second edition in February 2023. Both events brought together experts and partners and linked many international and national development institutions working on TVET reform in Egypt.

The third edition in April 2024 included representatives of the GoE, led by the Egyptian Ministry of Education and Technical Education with the "Applied Technology Schools" project, the Ministry of Planning and Economic Development, the Ministry of Higher Education & Scientific Research with "new technological universities", the Ministry of Labor with the "Mehany 2030" project, Ministry of Communications and Information Technology, Training sector of Ministry of Military Production, the Production Efficiency Department of the Ministry of Industry and Trade, the Federation of Egyptian Industries (FEI), German-Arab Chamber of Industry and Commerce (AHK Egypt) and National initiative for industrial development "Ebda"



Partners of EduTech 2024 presented through the "Workforce Egypt" project funded by the US Agency for International Development (USAID), Gesellschaft für Internationale Zusammenarbeit (GIZ), The Delegation of the European Union to Egypt, We Applied Technology Schools, the National Academy for Science &Skills – NASS, the Arab Academy for Science, Technology, Maritime Transport, and sponsors presented by Egypt Saxony University, Idea Space, Ghabbour Foundation for Development El - Sewedy Technical Education, Ta'heal for VET Excellence Skills, BEDO Innovation education company, and National technical science schools - NTSS.

Industry partners in applied schools and others interested in different types of technical education.





#### EduTech Exhibition 2024 :

Several distinguished technical education schools participated in the exhibition, and several pioneering TVET schools representing the different forms (such as dual technical education schools, applied technology schools, etc.), supporting bodies and institutions, investor unions, the Federation of Egyptian Industries and the Department of Productive Efficiency participated in the exhibition.

Partnering with the German Agency for International Cooperation (GIZ) Representing models of dual technical education, USAID's Workforce Egypt Project represents models of International Applied Technology Schools (IATS).

TEREEE Project Representing Technical Education for Renewable, Efficiency, and Energy, EU-MEPEP Representing a multi-educational programme for employment promotion in migration-affected areas.



The exhibition lasted for two days, during which it was visited by more than 4,000 preparatory and secondary school students, their parents, officials, and those interested in technical and technological education.

A full program of student meetings and activities was organized at the exhibition, in which many meetings and dialogues on technical education, vocational and technological training took place on the stage accompanying the exhibition over the two days. (The two-day program is attached)



Technological universities also participated in the exhibition. The new and technological areas affiliated with the Education Development Fund, as well as academies that represent international experiences We Applied Technology Schools, the National Academy for Science & Skills – NASS, the Arab Academy for Science, Technology, Maritime Transport, and sponsors presented by Egypt Saxony University, Idea Space, Ghabbour Foundation for Development El - Sewedy Technical Education, Ta'heal for VET Excellence Skills, and National technical science schools - NTSS.





# Gallery

- Exhibition



















#### **Jobs and Career Paths:**

The 3rd edition of EduTech provides graduates of applied technology dual system education schools with the perfect platform where employers from various industries come together to showcase their companies and available positions.

To give students chances to meet with recruiters, submit resumes, and even participate in on-the-spot interviews.



#### EduTech Forum :

More than 50 renowned experts and officials from Egypt and from around the world participated in 6 panel discussions over two days on many topics and themes that can be summarized as follows:



- 1. Opening Session: Policy direction for TVET with National Economic Development
- 2. Update on the latest development of the TVET sector in Egypt
- 3. Labor Mobility / Mobilization/ International Collaboration and Partnerships

4. Role of TVET in the Transition to a Green Economy (Sustainable Development and Smart/Green Skills)

- 5. ebranding of TVET in Egypt
- 6. Experience Sharing Session by TVET Graduates and Students
- 7. Pathway to Higher Education: Bridging the Gap





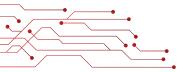
### Speakers :















































#### Forum Program

DAY ONE 17 April 2024		
09:30 -10:00	Arrival & Networking	
10:00- 10:30	EXHIBITION OPENING & TOUR	
	Session One: Opening Session: Policy direction for TVET with National Economic Development	
	Dr. Ali Shams El Din	Chairman of the Organizing Committee of EDUGATE & EDUTECH.
	Eng. Abd El Rahman Zobaa	Director of Training, Research and Development Sector - Ebda Initiative.
	Mr. Andreas Adrian	Technical Education and Labour Market Cluster Coordinator - GIZ Egypt
10.30 -11.30	Ms. Margaret Sancho	Deputy USAID Mission Director
10100 11100	Ms. Anne Schouw	Deputy Head of the EU Delegation to Egypt.
	Mr. Hassan Shehata	Minister of Labor
	Dr. Reda Hegazy	Minister of Education & Technical Education
	Dr. Hanan Nazir	Advisor to the National Council for Wages at the Ministry of Planning and Economic Development
	Dr. Hesham Farouk	Technology Development Advisor. Ministry of Communications and Information Technology (MCIT)



https://youtu.be/uuJYWoV4ThE?si=pgzma4qcxAPPQayP





Session Two Moderator Dr. Ahmed El-Ashmawi, Senior International TVET Consultant		
Panelists		
Dr. Amr Bosila	Head of the Central Department of Developing Technical Education & Director of The	
	Operation and Management Unit of Applied Technology School.	
Eng. Abd El Rahman Zobaa	Director of Training, Research and Development Sector - Ebda Initiative.	
Mr. Andreas Adrian	Technical Education and Labour Market Cluster Coordinator - GIZ Egypt	
Dr. Khaled Abdel Azim	Executive Director, Federation of Egyptian Industries (FEI).	
Mr. Mohamed Fawzy	Acting Chief of Party, USAID Workforce Egypt	
Eng. Naglaa Nosseir	Telecom Egypt (WE) CSR Director.	
Dr. Hanan Nazir	Advisor to the National Council for Wages at the Ministry of Planning and Economic	
	Development.	
Dr. Dalia Ibrahim	CEO, Nahdet Misr Publishing.	
Mrs. Hanan El Rehany	Board Member of Elsewedy Electric Foundation & CEO of (STA)	
Dr. David Nabil	CEO of NASS Academy.	



https://youtu.be/RtLSmXES1Z8?si=UASo1Dw00fbYRb-p



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	Session Three:	national Collaboration and	
	Labor Mobility / Mobilization/ International Collaboration and Partnerships		
	Tentative areas of discussion:		
	• Meeting international demands (requirements for cross border collaboration, knowledge sharing and pa		
		and global partnerships (THAMM- EU Talent- Italian cooperation)	
	Promoting best practices for formal n	nigration (Saudi agreement, Italian cooperation) and mobility	
	Session Three Moderator		
	Dr. Ghada Bassioni, Erasmus+, Nati	ional Erasmus+ Office Coordinator in Egypt.	
1:45 – 2:15	Panelists		
1110 2110	Ms. Rasha Abd El Baset	Head of the Central Department of Foreign Relations at the Ministry of Labor	
	Dr. Saber Soliman	Assistant Minister of Immigration for Institutional Development & Supervisor of the Minister's office.	
	Dr. Martino Melli	Head of AICS Cairo- MEPEP.	
	Ms. Aleya Serag El Din	Executive director, Ghabbour Foundation for Development.	
	Mr. Mohamed AmrProject management manager at Global Innovation & Entreprend Company (in collaboration with IdeaSpace)Ms Mona AyoubDirector of Vocational Education and Training Department at th		
Chamber of Industry and Commerce (AHK)		Chamber of Industry and Commerce (AHK)	
	Mr. Pasqualino Mare	Senior Human Capital Development Expert, European Training Foundation	



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	Session Four: Role of TVET in the Transition to a Green Economy (Sustainable Development and Smart/Green Skills) Objective of Session:		
	This session will explore the critical role workforce to address the challenges and green, resource-efficient economy. It w efforts to contribute to Egypt's transitio and Technical Education (MoETE), de	of Technical and Vocational Education and Training (TVET) in preparing a skilled opportunities of a sustainable future and an economy that is transforming into a ould shed light on the current progress achieved in TVET, particularly ongoing n to a green economy, including efforts undertaken by the Ministry of Education evelopment partners, and the private sector to integrate energy-efficiency and ctices across the five pillars of the TE Reform 2.0. This session aims to look at:	
	<ul> <li>The integration of sustainability and green economy principles into TVET curricula, capacity developm awareness raising activities for teachers and students, and rehabilitation of facilities to be more environm sustainable.</li> </ul>		
	• Best practices of transitioning to green economy through eco-friendly technologies, renewable energy sources like green hydrogen, sustainable waste management practices, and sustainable agriculture techniques.		
	<ul> <li>The anticipated impact of this transition on the labour market including the most demanded comp world transitioning to green economy and how TVET should proactively address this.</li> <li>The role of Centers of Competence (CoCs) in renewable energy and energy efficiency and how t would equip its students with the necessary competences to navigate the twin transition (green transition).</li> </ul>		
	• Egypt's Smart and Green International Applied Technology Schools as a model for fostering sustainad development skills and their relevance in preparing the IATSs' students for a green economy.		
	• The Role of Digitalization in Supporting the Green Economy and TVET.		
	Session Four Moderator Ms. Radwa Abdel-Raouf, Head of Labor-market-oriented Technical Education for Transition to Green Economy, Deputy Head of Project, GIZ Employment Promotion Project		
2:15 -3:45	Panelists Dr. Mohamed Moussa Emara	Head of the Central Administration for Technical Education Schools.	
	Mr. Mohammed Shallan	Lead product owners - Watan First Digital (Ebda Partner).	
	Ms. Cora Goetemann	Head of the Employment Promotion Project – GIZ Egypt.	
	Dr. Mahmoud Deab	Deputy Team Leader, Promotion of TVET in Renewable Energy, EU/KFW Blending Operation, (TEREEE).	
Mr. Stephan Thomas		Senior Human Capital Development Expert - European Training Foundation (ETF).	
	Dr. Amr Soliman	IATS Senior Advisor - USAID Workforce Egypt.	
	Dr. Nicola Tucci	Programme Manager of EU MEPEP, AICS Cairo.	



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DAY TWO 18 April 2024		
10:00	Arrival & Networking	
	Session Five:	
	Rebranding of TVET in Egypt	
	Tentative areas of discussion:	
	• National strategy for improving the so	cial image of TVET.
	• The private sector's role in changing the	
	Competitions and Awards in TVET-World Skills Competition.	
	UNDP's Global Knowledge Index.	
	Session Five Moderator Dr. Naka Babia Dublia Driveta Darte arching Sanian Advisor, USAID Worldfords Fourt	
	Dr. Noha Rabie, Public Private Partnerships Senior Advisor, USAID Workforce Egypt	
	Panelists	
10:30 -12:00	10:30 -12:00 Dr. Ahmed Sadek Shoier Manager of Technical and Vocational Institute - Arab Academy	
		Science & Transportation & Maritime.
	Dr.El-Menshawy Abd El-Halim	Head of Operations (NASS Academy).
	Stephanie Boustany         Programme Analyst at UNDP.	
		Hard of Deal Grader for Cross Francesco Company (FDD CI7
	Eng. Shireen Farag	Head of Dual System for Green Economy Component- EPP-GIZ.
	Mr. Moezbellah Al Shareef Director of Marketing and Business Development, Idea Space.	
	Eng. Mohamed Sami	CEO, BEDO.
	Dr. Sobhy Nasr	Head of the National Center for Technological Dual Education
	Dr. Shady Shalaby Ministry of Labor- "Mehany" 2030	
	Mr. Ahmad Koriem	Business developer, Private sector engagement expert



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	Session Six:		
	Experience Sharing Session by TVET Graduates and Students		
	Tentative areas of discussion:		
	<ul> <li>Ask the TVET students and graduates about Experiences and success stories Sharing Session</li> </ul>		
	• On girls in TVET and gender equality (including some female students)		
	Success stories in Private Sector Partnerships in TVET		
	Role models in TVET- Innovative Technician		
	Session Six Moderator:		
12:00-1:30	Dr. Ghada El Nashar, Executive Director · Education For Life Fund "Hayah"		
	Participants: Students Telling Success Stories.		



https://youtu.be/zSq7dQ-AC\_s?si=OKcE2pGcsKNowdSa





	Session Seven:		
	Pathway to Higher Education: Bridging	ng the Gap	
	Tentative areas of discussion:		
	Bridging the gap between vocational school education and technical universities specialization -Synchronization between specialization		
	• Internationalization of the vocational educational system in Egypt		
	Enhancing the vocational sector institutionalized to match the labor market needs		
	Vocational education graduates and labor market competency gap		
	• Exchanging experiences of different ve	ocational educational systems	
	Session Seven Moderator		
1 20 2 00	Dr. Khaled El-Kilany, Dean of Indust	try Service Complex, Arab Academy for Science, Technology, and Maritime Transport	
1:30 -3:00	Dr. Amr Bosila	Head of the Central Department of Developing Technical Education & Director of The	
		Operation and Management Unit of Applied Technology School	
	Dr. Ahmed El Sabbagh	Minister advisor for technical and technological education	
	Dr. Ghada Bassioni	President of Saxony Egypt University for Applied Science and Technology	
	Dr. Ahmed Saad	Dean of the College of Technology in Assiut	
	Mr. Mohamad Fawzy	Acting Chief of Party, USAID Workforce Egypt	
	Dr. Denis Darpy	Président de l'Université Française d'Égypte, UFE, Patrner of IUT in Egypt.	
	Mr. Moshir Ali	National TVET Expert, Promotion of TVET in Renewable Energy,	
		EU/KFW Blending Operation, (TEREEE).	
	Dr. Ahmed Nabil	Operation Director of Elsewedy Technical Academy (STA)	



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	Closing Session: -Wrap up and Way Forward - Recommendations	·
	Dr. Ali Shams El Din	Chairman of the Organizing Committee of EDUGATE & EDUTECH.
	Dr. Amr Bosila	Head of the Central Department of Developing Technical Education & Director of The Operation and Management Unit of Applied Technology School
	Abd El Rahman Zobaa	Director of Training, Research and Development Sector - Ebda Initiative.
	Dr. Khaled El-Kilany	Dean of Industry Service Complex, Arab Academy for Science, Technology, and Maritime Transport
	Dr. Ahmed El-Ashmawi	Senior International TVET Consultant
3:00 - 4:00	Dr. Noha Rabie	Public Private Partnerships Senior Advisor, USAID Workforce Egypt
	Dr. Ahlam Farouk	Programme Manager at European Union Delegation in Egypt
	Mr. Mohamad Fawzy	Acting Chief of Party, USAID Workforce Egypt
	Ms. Cora Goetemann	Head of The Employment Promotion Project, GIZ
	Dr. David Nabil	CEO of NASS Academy

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#### Gallery - VIP



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## Gallery

- Forum









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#### Forum Pictures :















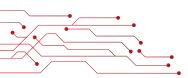














#### **Recommendations :**

- Activate ETQAAN as soon as possible after the law's promulgation.
- Develop a financial sustainability structure that does not rely solely on philanthropists and huge corporations. This included school autonomy in generating revenue.
- A unified vision for TVET that could lead to a coordination and regulations body.
- Strategic partnerships between Egyptian and European schools for Labour mobility
- Activation of the Sector skills councils and this is not only the responsibility of the government but the private sector should take the lead in establishing these bodies after the government has set the guidelines and will provide initial funding.
- Clear and flexible pathways to higher education.
- The Ministry of Educatuon and Technical Educatuon to contribute in its efforts in the 5 pillars of the TE 2.0 strategy.
- Flexibility in studying and moving to different stages of education.
- Provides a framework for studying using the credit hour system, to facilitate the transition from one stage of education to another
- Providing technological universities in technical specializations that are not limited to industrial specializations only, nor traditional industrial specializations.
- Bridging the gap between pre-university and university education in terms of specializations currently available in technical and industrial schools





- The importance of the alliance with the Ministry of Trade and Industry to emphasize the importance of bridging the gap between technical education graduates and the needs of the labor market.
- Set a Labor legislation for technicians to ensure that career advancement opportunities are available in industrial institutions without any restrictions
- Establishing a higher council for technical education to unify efforts made in the fields of technical education
- Increasing the number of applied technology schools to cover all governorates of the Republic (the number of technical schools affiliated with the Ministry of Education is 2,500 technical schools, only 70 have been developed)
- Linking schools to exchange experiences
- Providing boarding accommodation for expatriate students
- Developing dual technical education curricula to keep pace with labor market requirements, similar to applied technology
- Working to improve the mental image of technical education in society through awareness campaigns
- Inviting middle schools to the Edutech Expo in the coming years because they are the target audience
- Organizing seminars for parents through the Edutech Forum to introduce them, respond to inquiries, and encourage them to enroll their children in technical schools.
- Linking the specializations of technological universities with the specializations of technical schools so that students can complete the university educational path in the same specialization





Providing job opportunities for graduates of technical education at home or abroad by organizing employment forums or job offices or creating an electronic platform for this purpose.

The necessity of providing and directing the necessary funding to implement integrated and sustainable solutions to qualify young students and graduates in accordance with the competencies and requirements of the labor markets at home and abroad, with the participation of accreditation bodies according to specialization from the target countries, business owners, and local and international partners in all stages of planning, preparation, implementation, follow-up and evaluation.

In the end, the attendees agreed, in general, that supporting and developing TVET and facing the gap in the local, regional, and international labor market, requires planning for future jobs. Improving the quality of educational processes, emphasizing interactive educational curricula, involving representatives of the private sector in the process of developing curricula, and creating a stimulating educational environment linked to the real needs of the labor market.

This is to be guided by and follow the example of successful international models that allow building the capabilities of Egyptian labour and qualifying them according to international standards to compete in the local, regional, and international labour market. The attendees agreed that the real guarantee of changing social concepts and the mental image of TVET education and showing the opportunities this education holds for its graduates and the country depends primarily on the progress and quality of this type of education, the efficiency and effectiveness of its graduates, and the job opportunities available to them at the local and international levels.





### Interactive theatre program :

# **DAY ONE**

slot time	university
11:00 - 11:30	GIZ
11:30 - 12:00	BEDO
12:00 - 12:30	Elsewedy Technical Academy (STA)
12:30 - 01:00	IATS team (Workforce Egypt)
01:00 - 01:30	Ghabbour Foundation
01:30 - 02:00	WE Schools for Applied Technology
02:00 - 02:30	Nass Academy
02:30 - 03:00	Taheal Company
03:00 - 03:30	Climate Change Awareness Panel
03:30 - 04:00	Climate Change Awareness Panel
04:00 - 04:30	المركز الوطني للتعليم المزدوج التكنولوجي
04:30 - 05:00	Ebdaa





### Interactive theatre program :

# DAY TWO

slot time	university
10:30 - 11:00	المركز الوطني للتعليم المزدوج التكنولوجي
11:00 - 11:30	Student Ebrahim Abdelwahab
11:30 - 12:00	TVI at AASTMT
12:00 - 12:30	EU SESSION
12:30 - 01:00	IATS team (Workforce Egypt)
01:00 - 01:30	Nass Academy
01:30 - 02:00	WE Schools for Applied Technology
02:00 - 02:30	GIZ
02:30 - 03:00	Ebdaa
03:00 - 03:30	Ideaspace
03:30 - 04:30	Universities of technology
04:30 - 05:00	SEU Saxony Egypt University





#### Interactive theatre :







#### Interactive theatre :







Side Events :

1- Signing an agreement between the Presidential Start Initiative and the Egypt Workforce Project, funded by American aid







# 2- Hosting Climate Change Awareness Campaign in Egypt. Panel:

Dr. Ayman Ayad, Programme Manager – Water Section, Delegation of the European Union to Egypt

• Hossam Emam, EU Jeel Connector & amp; CEO of Act Sustainable

Moderator: Tawfik Elkheshen, Country Coordinator



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# 3 - Honoring the first graduates of technical education of all kinds

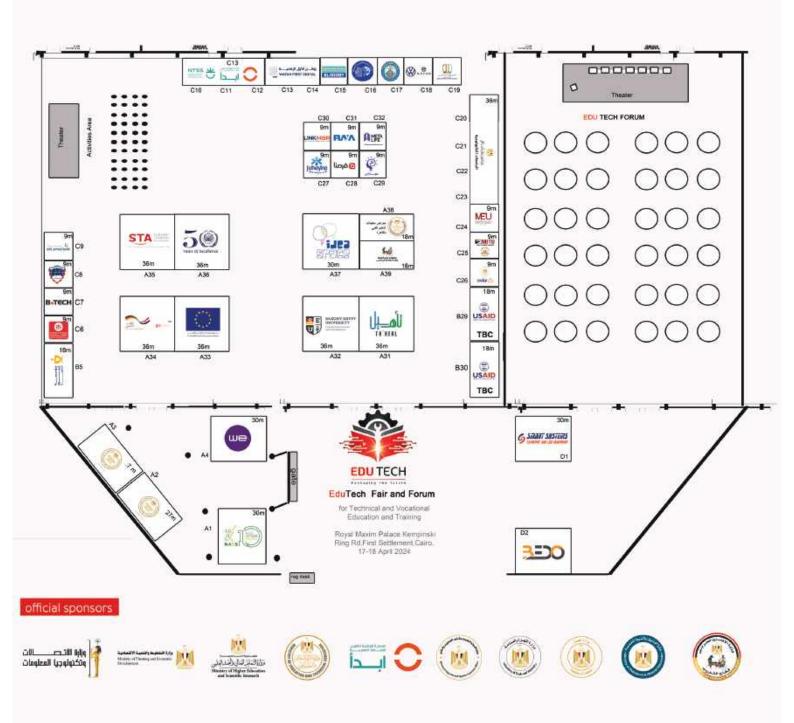
The top 25 ranking students in all technical education schools across Egypt were honored and awarded certificates of appreciation along with various gifts and financial rewards. In addition, if they get any certificates or scholarships?





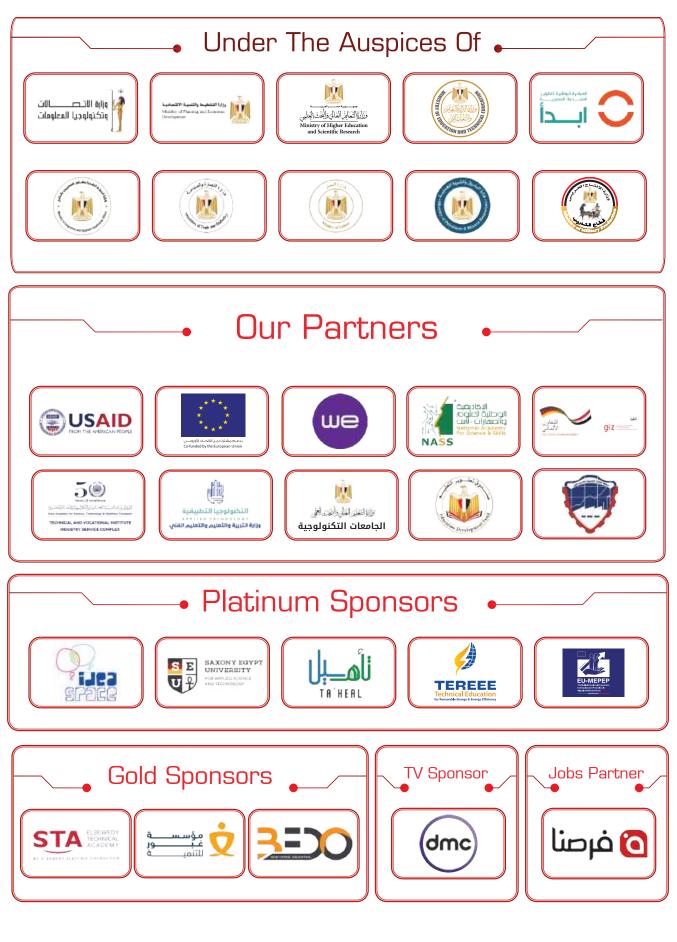


Floor Plan :













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