



Global
Entrepreneurship
Monitor

The State of Entrepreneurship Education





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SPEAKERS



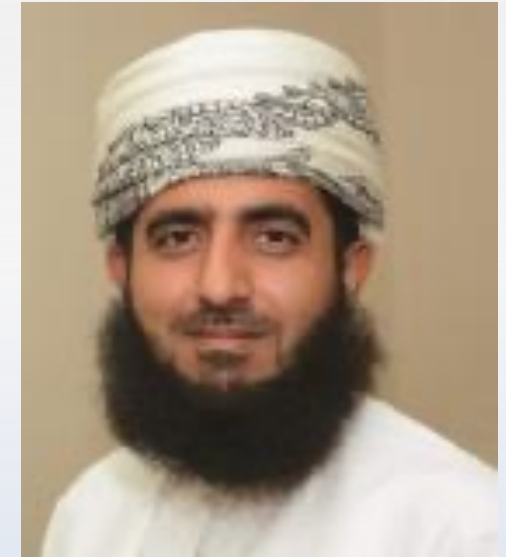
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Entrepreneurship Education: Evidence from GEM

- almost 4 million interviews
- 50,000 experts surveyed
- 75 countries for 5 years +
- sustained contribution to knowledge

25 years
of GEM

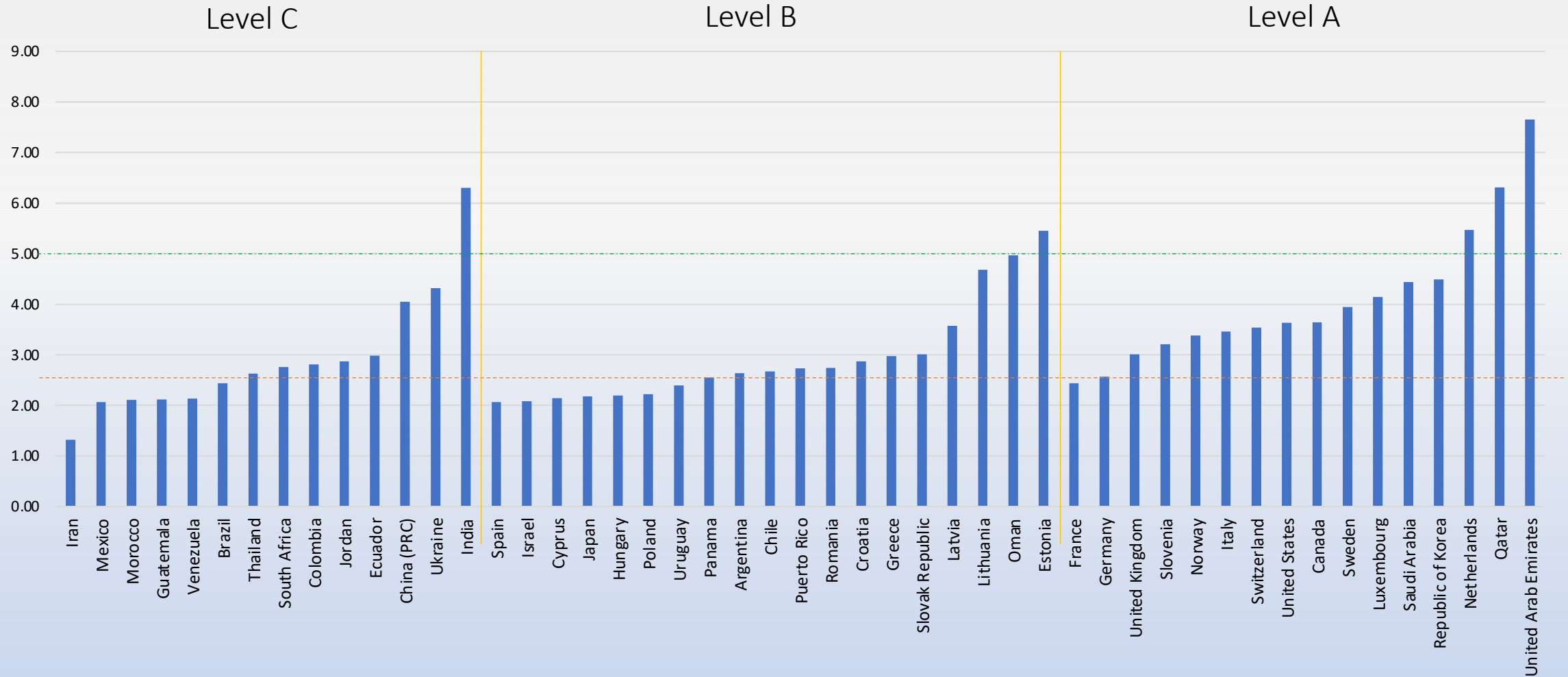


Methodology: the GEM National Expert Survey

Topic D: Education & Training In my country...		CF					NFNT					CT
D01	teaching in primary and secondary education encourages creativity, self-sufficiency, and personal initiative	0	1	2	3	4	5	6	7	8	9	10
D02	teaching in primary and secondary education provides adequate instruction in market economic principles	0	1	2	3	4	5	6	7	8	9	10
D03	teaching in primary and secondary education provides adequate attention to entrepreneurship and new firm creation	0	1	2	3	4	5	6	7	8	9	10
D04	colleges and universities provide adequate preparation for starting up and growing new firms	0	1	2	3	4	5	6	7	8	9	10
D05	the quality of practical business and management education provide adequate preparation for starting up and growing a new business	0	1	2	3	4	5	6	7	8	9	10
D06	the vocational, professional, and continuing education systems provide adequate preparation for starting up and growing new firms	0	1	2	3	4	5	6	7	8	9	10

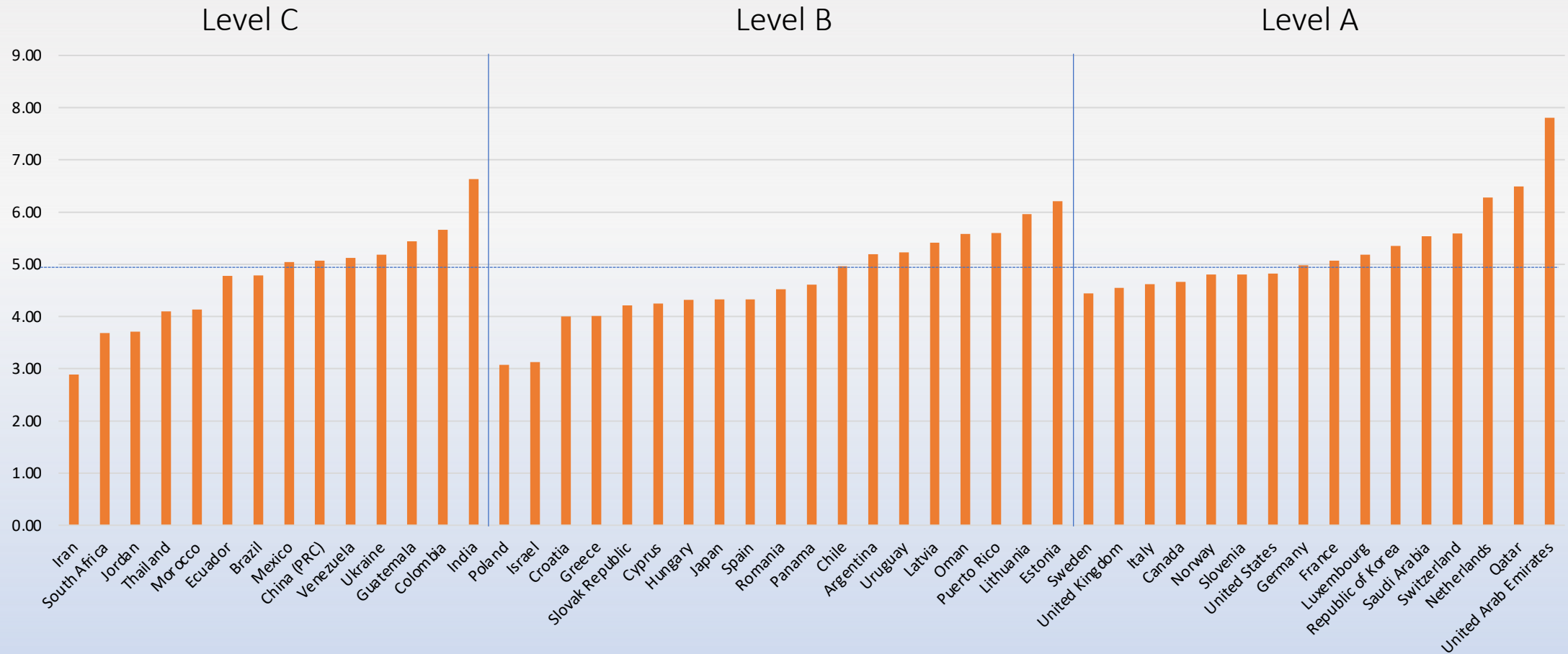


Expert Ratings: Entrepreneurial Education at School 2023-2024





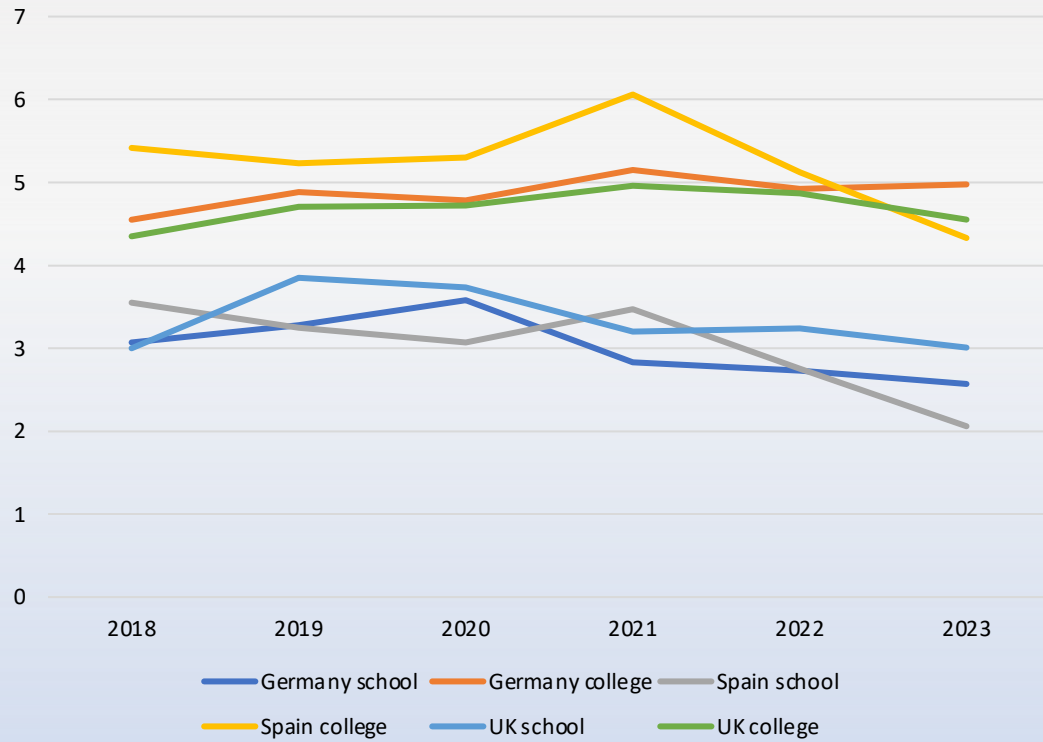
Expert Ratings: Entrepreneurial Education at College & University 2023-2024



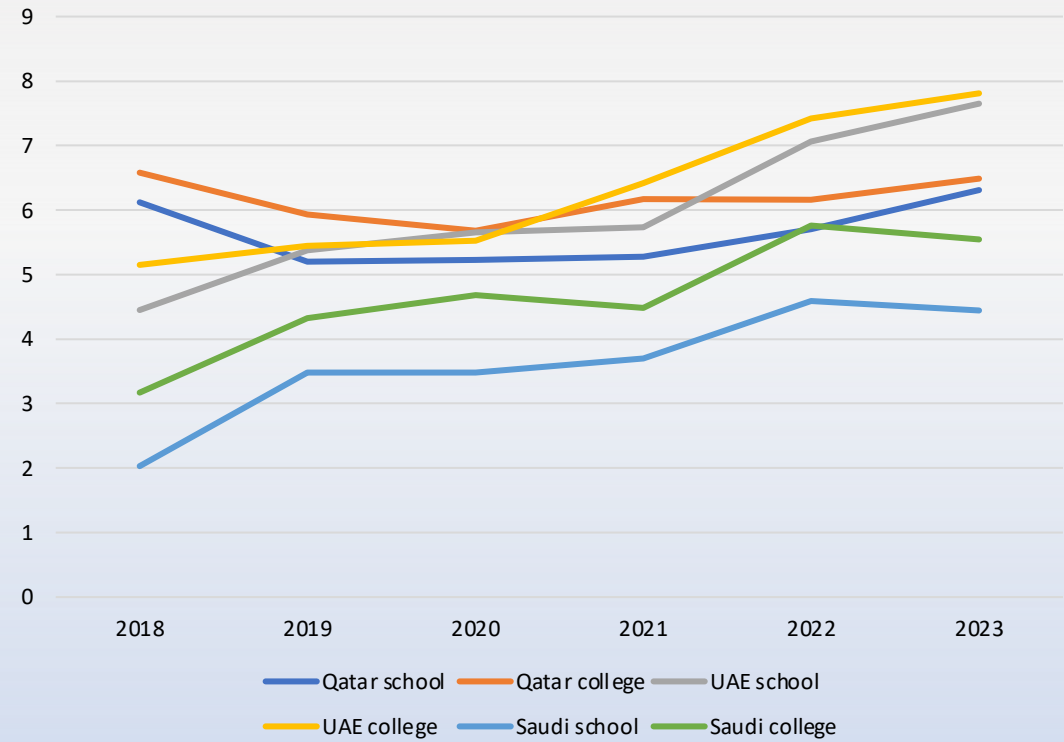


Expert Scores since 2018 - *selected examples*

“Old” Europe



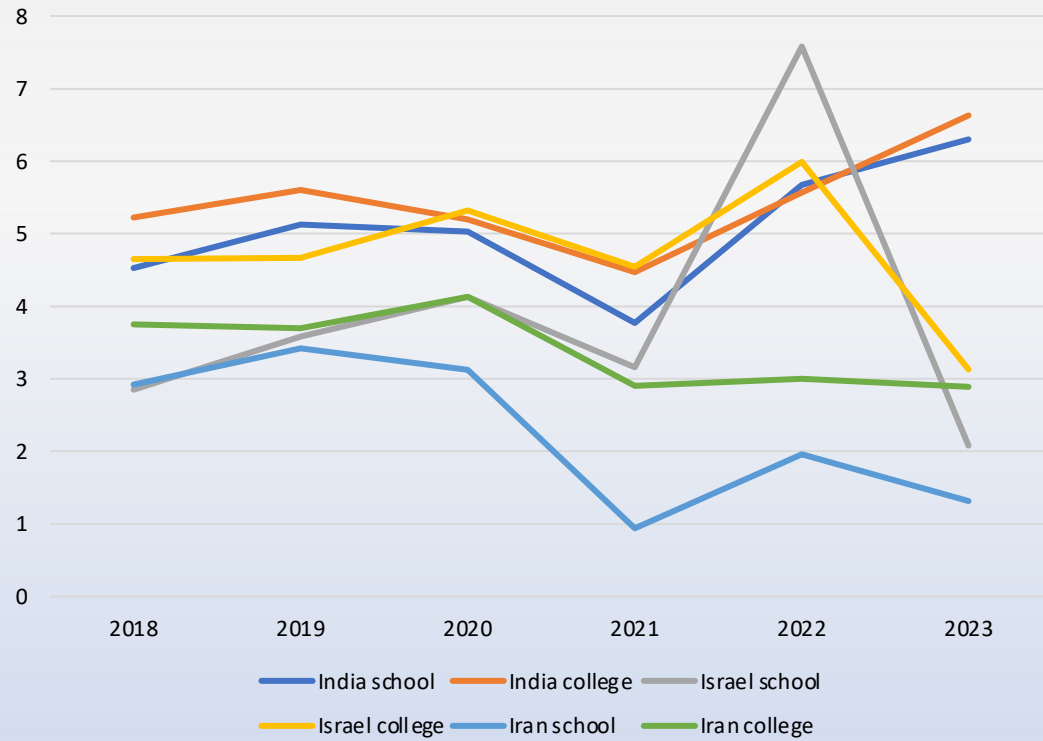
Gulf States



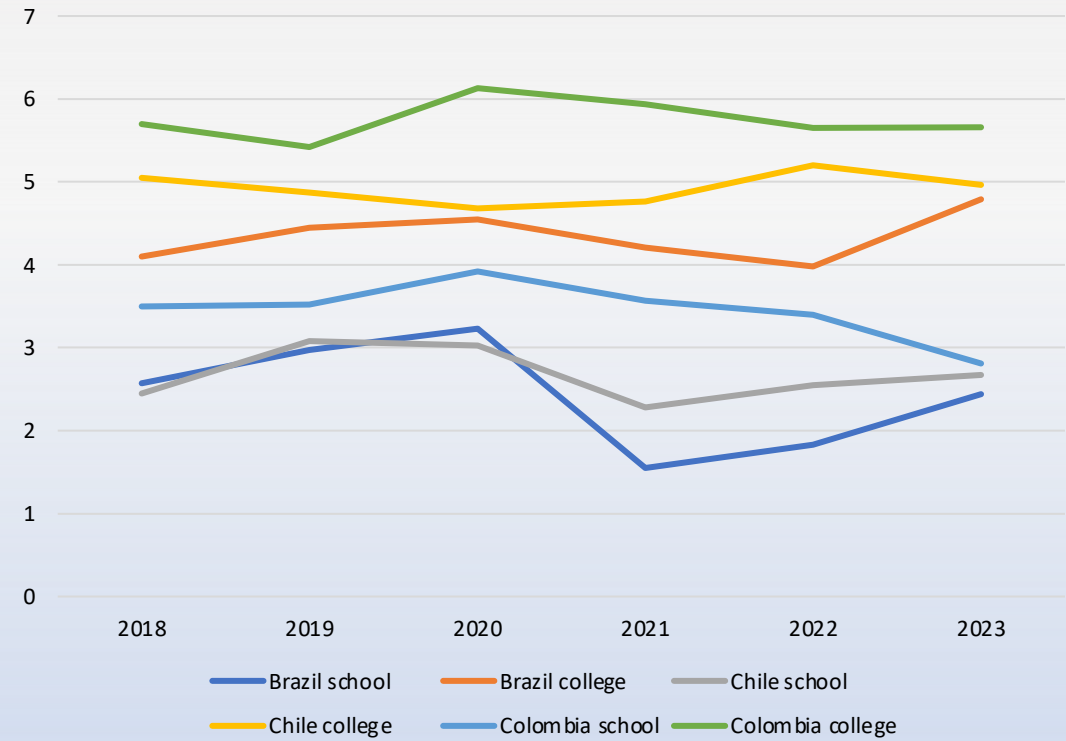


Expert Scores since 2018 - *selected examples*

Asia

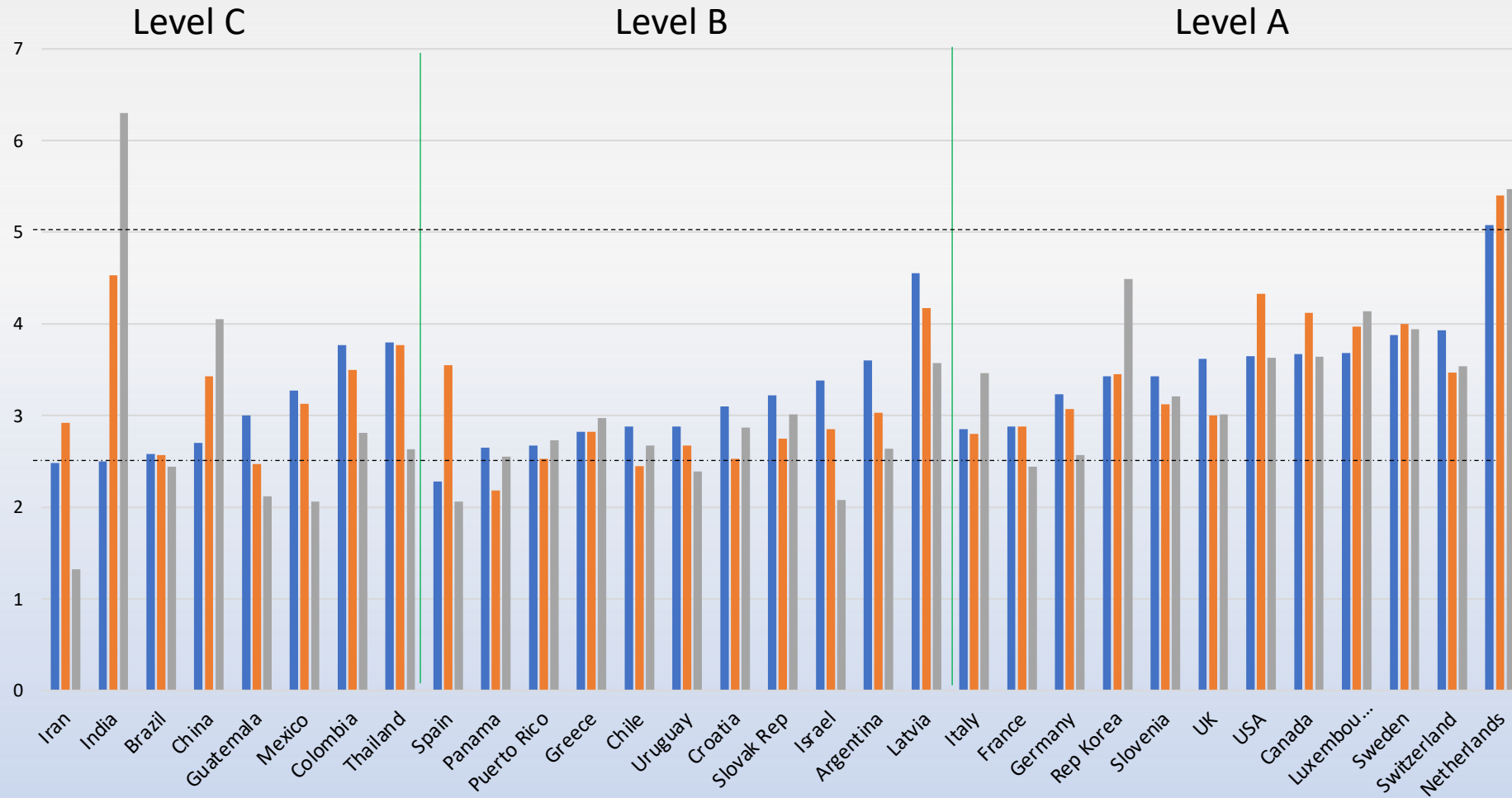


Latin America



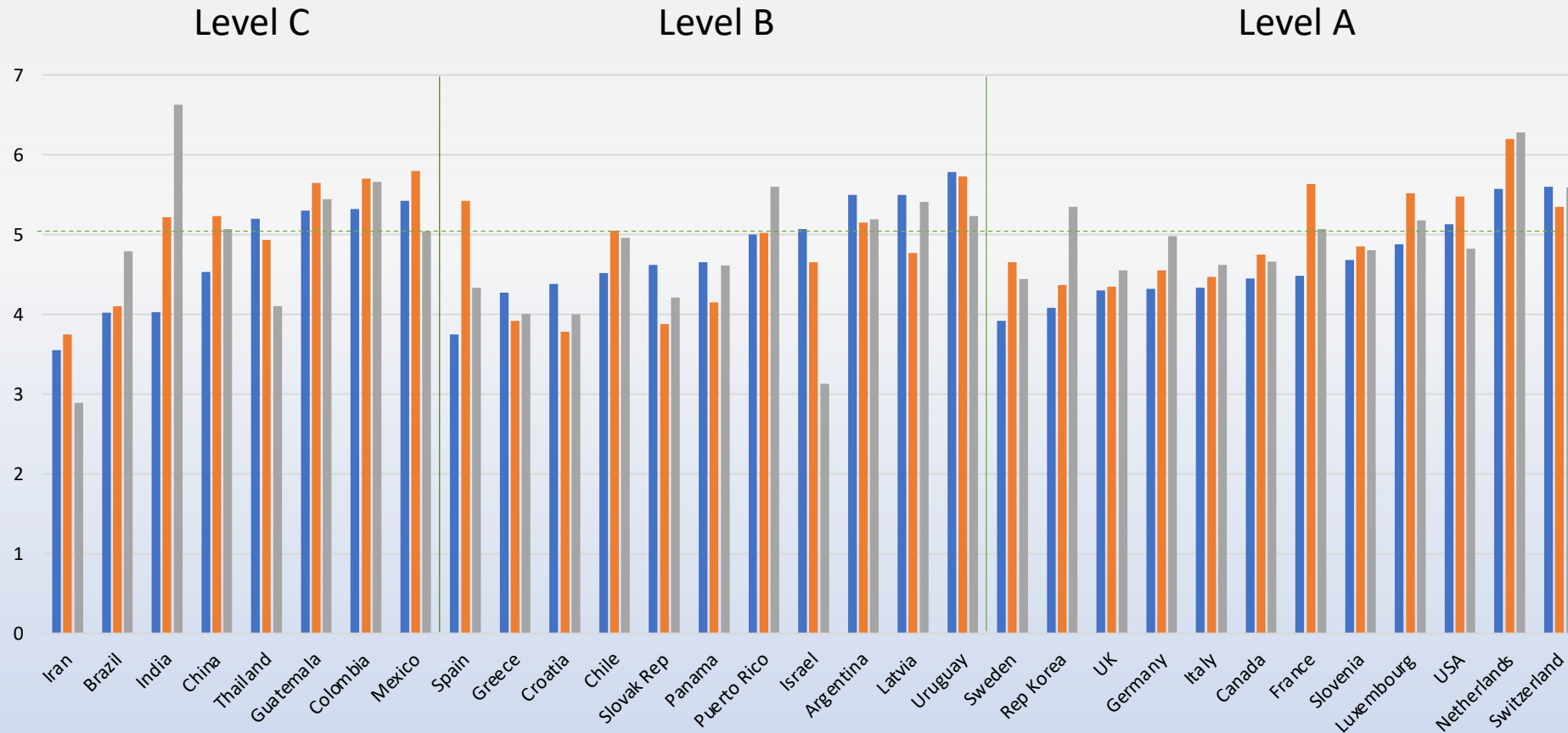


Expert Ratings: Entrepreneurial Education at School past decade 2013, 2018 & 2023





Expert Ratings: Entrepreneurial Education at College & University past decade 2013, 2018 & 2023





Expert Ratings: Entrepreneurial Education at School 2013, 2018 & 2023

Ratings	Number of Economies			% Economies		
	2013	2018	2023	2013	2018	2023
< 3.0	16	26	27	23.2	48.1	55.1
< 4.0	60	44	37	87.0	81.5	75.5
< 5.0	67	51	44	97.1	94.4	89.8
N	69	54	49	100.0	100.0	100.0
> 5.0	2	3	5	2.9	5.6	10.2



Expert Ratings: Entrepreneurial Education at College & University 2013, 2018 & 2023

Ratings	Number of Economies			% of Economies		
	2013	2018	2023	2013	2018	2023
< 3.0	0	1	1	0	1.9	2.0
< 4.0	7	9	5	10.1	16.7	10.2
< 5.0	42	29	27	60.9	53.7	55.1
N	69	54	49	100	100	100
> 5.0	27	25	22	39.1	46.3	44.9



Entrepreneurial Education at School 2013-2018 & 2018-2023



Score increased

India

China

Korean Republic

Netherlands

Luxembourg



Score decreased

Germany

Colombia

Latvia

Mexico

Argentina

Guatemala

Uruguay

Brazil

Israel

Thailand

So in five of eight level C economies, the experts score for Entrepreneurial Education at School fell both periods.



Entrepreneurial Education at College & University

2013-2018 & 2018-2023



Score increased

India

Korean Republic

United Kingdom

Italy

Brazil

Netherlands

Germany



Score decreased

Uruguay

Brazil

Israel

Thailand

So expert scores for both educational EFC's increased in each period in India and the Netherlands, and both decreased in each period in Thailand, Uruguay and Israel.

In Brazil and Germany, the score for Entrepreneurial Education decreased in each period, while the score for Colleges increased each period.



2023 - Winners & Losers



- In 30 out of 49 GEM participating economies, Entrepreneurial Education in School ranked bottom of all 13 Entrepreneurial Framework Conditions. In every participating economy in 2013, 2018 and 2023, Entrepreneurial Education at College and University scored higher than Entrepreneurial Education at School.
- In 3 economies with an otherwise good entrepreneurial environment, Entrepreneurial Education at School was the only Framework Condition rated as unsatisfactory (Lithuania, Republic of Korea and Saudi Arabia).
- In recent years Gulf States (Oman, Qatar, United Arab Emirates, & Saudi Arabia) have generally improved their educational EFC scores. So too have India and China.
- Some European and some Asian countries have seen their educational EFC scores decline, especially at school level (Germany, UK, Spain and Iran, Israel).



Actions to improve

- Children need to be introduced to creative thinking, opportunity recognition and risk assessment at an early age.
- Local entrepreneurs should be invited into schools to talk about what they do.
- By early teens, young people should have an understanding of how markets work.
- All college students should have at least one module on running a business - but who trains the teachers?
- Students need to be encouraged to run “micro” businesses, mentored by staff and local entrepreneurs.



- Established in the Sultanate of Oman in 2004 as a faculty governed not-for-profit private university
- Total students: 6,500
- 45 diverse bachelor programs, 28 masters programs and 2 PhD programs
- Ranked 1st nationally by Nature Index 2022; among the top 80 in all sciences in the MENA Region.



المواقف والانتماءات المجتمعية، 2022-2023 Attitudes and perceptions, 2022-2023

2022

2023

*مقارنة ب 49 دولة
**مقارنة ب 46 دولة



%56.8
**16

%56.5
*18



سهولة بدء عمل تجاري

Ease to start a business



%66
**1

%44.3
*9



النوايا الريادية

Entrepreneurial Intentions



%72.9
**11

%57.6
*25



تصورات القدرات

Capability Perceptions

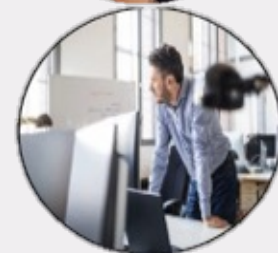


إدراك الفرص

Opportunity Perceptions

%75.7
*6

%68.7
**9



الخوف من الفشل

Fear of Failure

%33.3
*46

%38.1
**36



Entrepreneurship Education Curriculum

- The four systematic components of entrepreneurship education: the know-why (attitudes, values, motivations), the know-how (abilities), the know-who (short and long-term social skills), and the know-what (knowledge).
- Higher Education Institutions in Oman have made entrepreneurship a compulsory subject in the curriculum of all programs since the 2014/2015 academic year in order to promote entrepreneurship in the country.

UoN Requirement Course: Entrepreneurship: Creativity and Innovation

Main Content:

- Introduction to Entrepreneurship
- Contemporary Trends in Entrepreneurship
- Recognizing Opportunities and Generating Ideas
- Creativity and Innovation: Keys to Entrepreneurial Success
- Feasibility Analysis
- Writing Business Plan

Total Credit Hours

Dimension	Credit Hours	Weekly Teaching Hours	Contact Hours
Theoretical	2	2	30
Practical	1	2	18
Total	3	4	48

Business Students Major Course: Entrepreneurship

- 3 Credit hours
 - 48 contact hours
 - This course is designed to provide students the practice and theory of entrepreneurship. It examines successful strategies business models, frameworks, funding, barriers, and risks faced by entrepreneurs.
- Main contents:-
 - Entrepreneurship: The social and business revolution
 - The economics of entrepreneurship and public policy
 - The entrepreneurial mindset
 - Recognizing business opportunities
 - Lean methodologies and business model frameworks
 - Support for Entrepreneurship Development in Oman

New Program

- **Minor in Entrepreneurship**
- **Minor Requirements = 15 Credits**
 - Social Entrepreneurship
 - Digital and Social Media Marketing
 - Entrepreneurial Finance
 - Contemporary Issues in Entrepreneurship
 - Managing Venture Growth and Transition

Entrepreneurial Mindset

A way of thinking that enables individuals to identify opportunities, take calculated risks, and create value through innovation and problem-solving. Key characteristics of an entrepreneurial mindset include:



Opportunity recognition



Risk-taking



Adaptability



Resourcefulness



Creativity and innovation



Leadership



Proactivity: Resilience

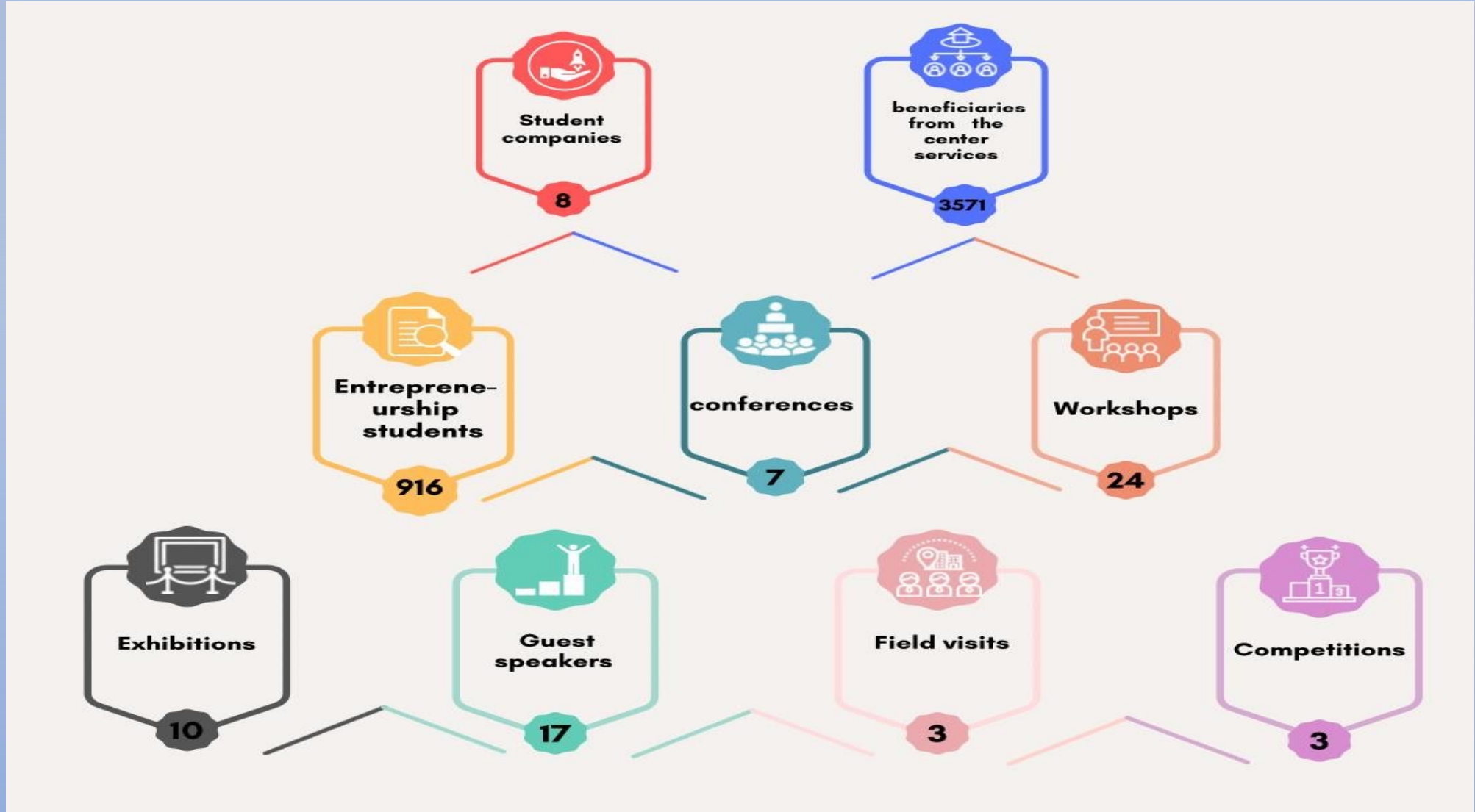


Growth mindset





Stats



Incubators

Business incubators at the University of Nizwa...



- It consists of 7 incubators.

- It provides marketing, management, guidance, and training with experts and specialists of entrepreneurship.

- Consistent with the visions and directions of the government in supporting entrepreneurship and promoting small and medium enterprises.

- Incubators are part of the University of Nizwa's approach to empowering young people and to make their projects part of the market to maximize the returns.

- 5 students are members and more projects of quality to attract.

- Incubators are well equipped with communication and connection tools and it opens spaces for entrepreneurs and student entrepreneurs to hold meetings and events.





جامعة نizwa
University of Nizwa

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مكتبة جامعة نizwa في نizwa... *مكتبة جامعة نizwa في نizwa*



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Global Entrepreneurship Week 2023

Scientific incubator programs

Upgrade –A program that transforms graduation projects into Start-ups

A background image showing a group of people at a startup event. A woman in the foreground is pointing at a whiteboard covered in papers. Other people are visible in the background, some looking at the whiteboard. There are purple balloons hanging from the ceiling.

Techstars Startup Weekend

Startup Weekend is a three-day program where aspiring entrepreneurs can experience startup life. In hundreds of cities around the world.

7K+
Programs held

19K+
Community
Leaders

150+
Countries

428K+
Total participants



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- Week-long immersion into the world entrepreneurship for teenagers
- Sponsor – The Fribourg Canton Chamber of Commerce
- Students meet with entrepreneurs, visit different companies (including Google’s offices in Zurich), take part in various interactive activities related to entrepreneurship, such as brainstorming and creativity sessions.
- They work on creating a prototype for a business and designing a basic website to introduce their new ideas.
- “It's great to carry out a project and get help and guidance from entrepreneurs and professionals.” - Marie, a former participant
- “It was fun, varied but also educational. As an entrepreneur you have a lot of freedom but you also have to think about a lot of things.” - Timon, a former participant



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Thank You



Partnership on the Sustainable Development





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