## Underlying Rapprochement Factors between Arab League Member Countries to Developed Countries in Achieving the SDGs by 2030

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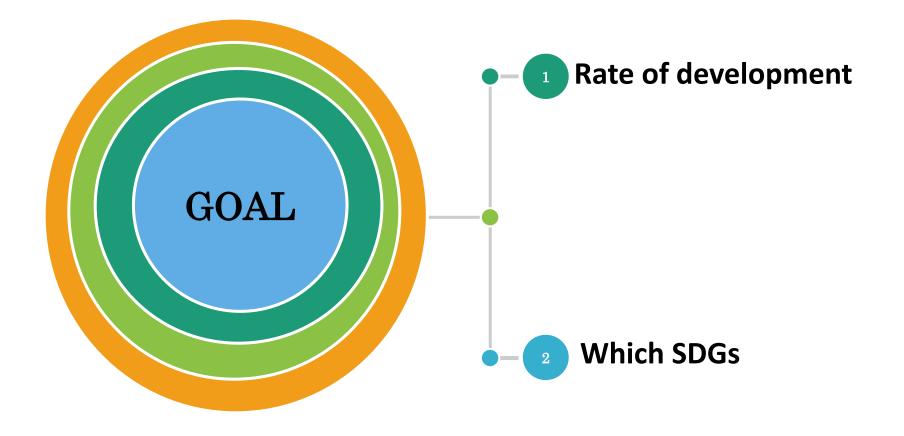
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## **Research Goals**

Identify the underlying factors for achieving sustainable development in the Arab League countries relative to the Developed Countries.







Do the Arab League Countries have significant differences in achieving the SDGs toward the Developed Countries?



Arab league Countries toward Developed Countries have significant differences in achieving the SDGs.

#### Methodology

The 22 members of the Arab League countries and 22 developed countries (with the highest scores on the SDGs index) were considered as a statistical population.



Relevant information on the rate and percentage of selected countries achievement to the SDGs was collected using the UNDP database and related reports from 2017 to 2021.



Due to a large amounts of statistical data from the studied countries, a random sampling method was used to choose a sample from a larger population.



Based on the amount of population in 2021 of each understudied country, divided into three classes and randomly selected a sample from each class.

5

The geometric averages of each SDG's index were calculated.

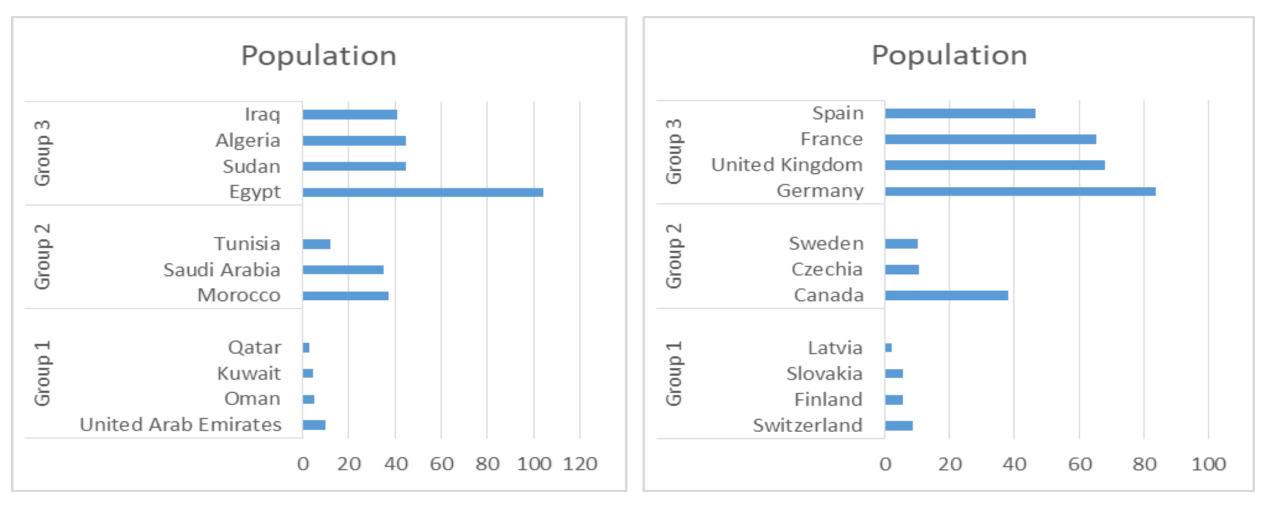


The Levene Test by SPSS software was applied to determine whether the difference of variance between the two groups of countries is equal.

# The statistical table in understudied countries population 2021

Categories of the total population in Millions							
1	0.5 to10						
2	10 to 40						
3	40 to 130						

Developed Countries	Total population in millions 2021	Arab League member Countries	Total population in millions 2021			
Japan	126.1	Egypt	104.3			
Germany	83.9	Sudan	44.9			
United Kingdom	68.2	Algeria	44.6			
France	65.4	Iraq	41.2			
Spain	46.7	Morocco	37.3			
Canada	38.1	Saudi Arabia	35.3			
Poland	37.8	Yemen	30.5			
Netherlands	17.2	Syrian Arab Republic	18.3			
Belgium	11.6	Somalia	16.4			
Czechia	10.7	Tunisia	11.9			
Sweden	10.2	Jordan	10.3			
Austria	9.0	United Arab Emirates	10.0			
Switzerland	8.7	Libya	7.0			
Denmark	5.8	Lebanon	6.8			
Finland	5.5	Oman	5.2			
Norway	5.5	Palestine	5.2			
Slovakia	5.5	Mauritania	4.8			
Ireland	5.0	Kuwait	4.3			
Croatia	4.1	Qatar	2.9			
Slovenia	2.1	Bahrain	1.7			
Latvia	1.9	Djibouti	1.0			
Estonia	1.3	Comoros	0.9			



**Arab League Member Countries** 

**Developed Countries** 

The geometric average of the SDGs index for five years(2017-2021) in two groups of countries.



country	country	SDG1	SDG2	SDG3	SDG4	SDG 5	SDG6	SDG7	SDG8	SDG 9	SDG10	SDG 11	SDG12	SDG13	SDG14	SDG 15	SDG16	SDG17
D	Germany	99.7	72.84	94.09	96.48	79.25	87.6	91.17	86.29	85.44	84.54	91.51	52.88	76.02	49.27	79.37	83	76.11
D	United Kingdom	99.75	69	93.65	99.11	82.47	93.35	91.14	83.71	84.42	72.37	92.51	50.5	70.61	59.95	69.94	84.24	47.1
D	France	99.67	71.47	93.08	95.71	84.92	89.03	95.98	79.95	79.81	83.51	90.3	55.97	79.13	62.54	72.48	74.37	70.86
D	Spain	98.37	60.15	94.18	93.04	83.35	87.37	93.19	76.26	74.53	70.16	90.79	60.03	84.31	52.75	62.21	76.89	58.14
D	Canada	99.4	64.12	94.37	99.46	81.05	83.78	93.59	83.81	78.95	79.29	88.08	51.59	59.7	58.14	56.32	86.7	66.15
D	Czech Republic	99.59	64.4	91.22	95.11	71.8	88.39	90.21	85.02	68.6	94.47	89.74	70.19	78.74	52.4	88.64	77.76	53.9
D	Sweden	99.26	67.33	97.02	97.65	89.22	93.61	98.28	85.56	93.02	96.5	92.78	55.85	76.21	54.76	71.45	83.45	94
D	Switzerland	99.89	68.63	96.98	95.41	82.92	92.73	95.73	82.83	94.79	81.56	97.75	35.97	74.62	52.4	62.23	83.5	49.24
D	Finland	99.86	63.22	95.79	94.88	89.82	94.26	95.18	83.36	88.88	96.99	90.98	52.94	67.18	67.5	77.25	93.25	72.83
D	Slovak Republic	98.53	70.34	87.39	90.51	70.21	87.94	90.75	78.6	54.66	87.44	84.04	64.92	73.52	52.4	84.06	74.4	52.08
D	Latvia	98.88	63.74	83.72	95.24	73.6	90.11	89.44	83.61	51.87	71.79	87.29	67.09	80.6	58.75	87.83	73.2	46.17
А	Egypt, Arab Rep	90.35	56.28	71.11	80.88	46.41	66.05	91.06	56.24	36.84	41.94	57.93	80.67	93.65	54.07	65.73	71.87	59.15
А	Sudan	47.88	20.26	52.03	27.61	38.83	35.48	49.9	41.31	14.91	66.64	41.82	83.32	91.23	60.7	49.98	61.23	53.89
А	Algeria	98.05	53.04	75.79	84.75	50.82	63.1	83.74	63.12	31.5	89.43	66.76	85.1	91.55	46.42	59.67	68.75	82.32
А	Iraq	88.93	41.29	62.87	49.47	38.17	58.39	84.04	52.21	14.06	73.97	60.47	83.06	88.46	33.62	39.39	65.19	63.91
А	Morocco	96.64	55.09	73.86	76.03	41.63	69.72	83.3	60.89	35.18	59.59	75.45	79.97	90.91	53.03	74.78	70.36	69.44
А	Saudi Arabia	99.55	48.34	81.11	92.82	41.21	49.07	87	72.98	58.43	62.48	44.05	60.13	60.7	55.06	46.65	71.79	71.1
А	Tunisia	98.3	52.14	76.82	83.08	52.88	61.08	89.5	56.39	35.36	65.59	66.74	84.24	88.04	58.2	65.95	68.42	76.3
А	United Arab Em	99.66	63.74	86.47	86.21	63.45	49.05	87.98	73.45	66.78	80.56	62	46.36	33.57	61.64	48.4	83.51	70.13
А	Oman	99.24	55.1	84.85	87.86	36.02	42.46	83.74	70.31	48.19	62.48	74.08	67.03	68.1	65.38	47.81	79.17	66.88
А	Kuwait	99.72	64.54	84.07	81.04	53.16	50.3	89.94	66.9	49.41	62.48	43.29	29.07	42.88	41.28	48.32	74.59	75.78
А	Qatar	99.89	61.9	87.67	86.51	54.86	47.87	84.59	72.25	61.26	59.93	37.62	61.76	31.14	49.16	51.98	83.44	49.22

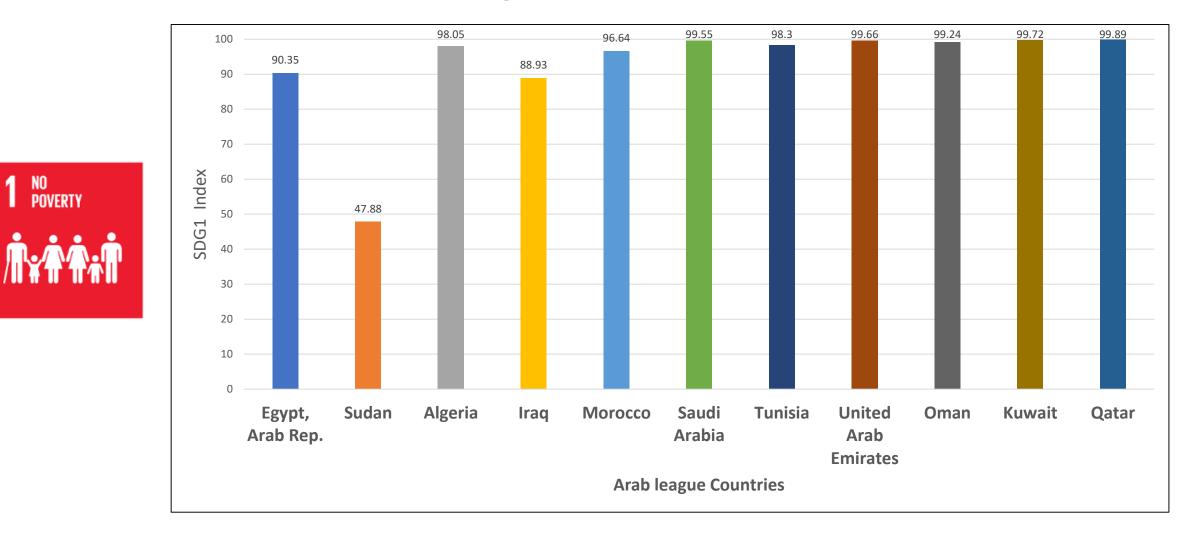






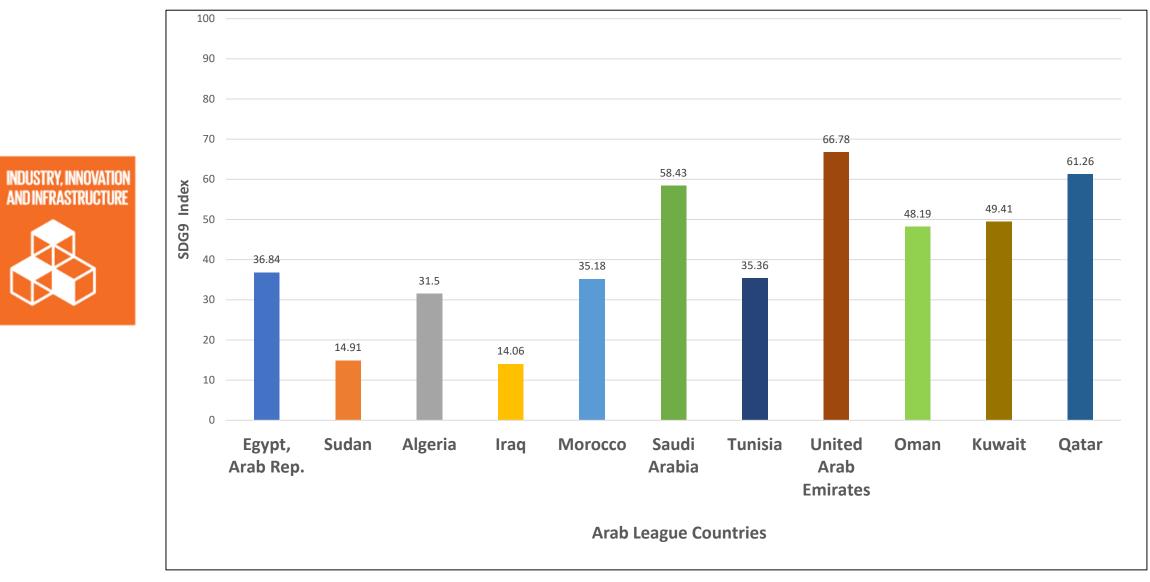


#### **Highest Score**



9

#### **Lowest Score**



# Conclusions

- The government and individuals should radically pursue SDGs targets for the achievement of the general goal by 2030,
- Determining the concepts of sustainable development in each of the specified goals precisely and based on the economic, social, and environmental characteristics of each country,
- Boosting different sections of society through Public-Private Partnership(PPP),cross-sectoral collaboration, and multidimensional approaches and solutions,



## Conclusions

- Increasing the partnership between Arab league countries,
- Accountability to take place in achieving the (SDGs) for stakeholders,
- Optimizing competitive advantage for each country,
- Localizing the methods of achieving these goals,
- Improving the existing infrastructure,
- Preparing an action plan via scientific communities.



# Thank You for Your Attention !