

**Faculty of Economics and Political Science.**

**Strategic urban planning project for Aswan Governorate.**

Team Members

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## 1. Summary of the project :

Vision	1_Turning Aswan into Africa's cultural and Economic capital. 2_Improving the Environmental quality. 3_Social Justice.
Vision pillars	1-Health sector. 2-Education sector. 3-Investment sector. 4-High Dam. 5-Infrastructure 6-The right of returning after displacement problem. 7-Getting ride from poverty.

General Strategies	<ol style="list-style-type: none"> <li>1. Economic development strategy.</li> <li>2. Social and urban development strategy.</li> <li>3. Educational Strategy and Cultural Awareness.</li> </ol>
Sectoral programs	<ol style="list-style-type: none"> <li>1-focusing on and developing the agriculture products.</li> <li>2-coordinating between the planning Ministry and the Ministry of youth in order to hire a large number of Aswan sons with providing a trained and skilled workforce.</li> <li>3-improving the tourism sector to be as an international tourist center.</li> <li>4-Solidating Aswan infrastructure.</li> </ol>

## 2. Back ground

Aswan is Governorate of the southern governorates of Egypt. Its capital is Aswan. Aswan is located in the south of the Arab Republic of Egypt. It is bordered to the north

by Luxor, to the east by the Red Sea, to the west by the New Valley, and to the south by Sudan at 22 ° north of the cancer orbit. Aswan is the gateway to Egypt from the south, Represents a point of contact between Egypt and southern African countries as it is the last province of Upper Egypt. The area of Aswan Governorate is 62,726 km

(Approximately 14.9million feddans) representing about 30.4% of the total area of the region. the governorate is divided into five administrative centers: Aswan, Edfu, Kom Ombo, Nasr al-Nuba and Daraw. Two of these centers were added after the displacement of the people of Nubia, Nasr Nubia and Drau. The governorate has 10 cities in addition

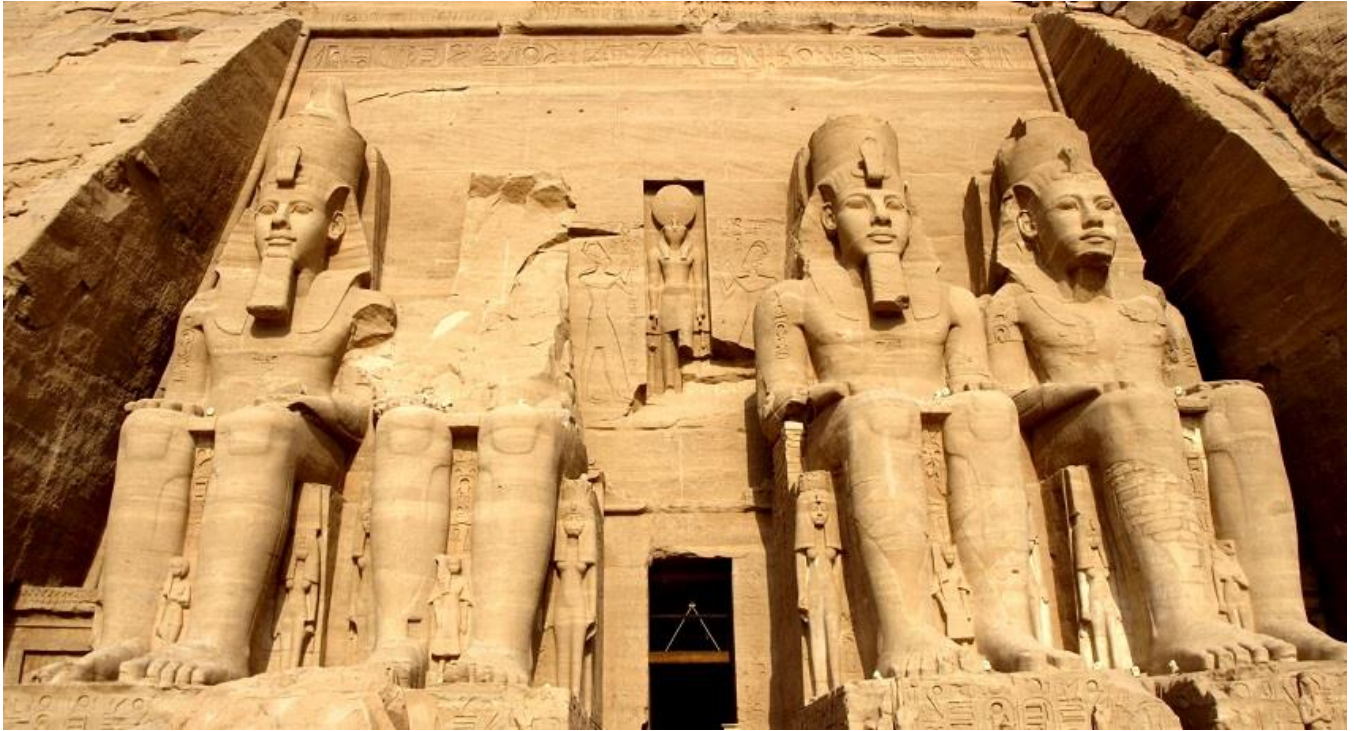
To the new city of Aswan, 30 local village units, 97 villages, 464 Ezbet, Kafr Naga, and Aswan city. The historical importance of Aswan began in the era of the ancient state as it was the southern border of the country. It was also the center of the gathering of armies in the middle Ages. In the Ptolemaic era, the island of Phyllis, home of the worship of Isis, received much attention and completed its great temple. In the Roman era temples were built in the ancient Egyptian style .The population of Aswan is divided into three main categories first: Aboriginal people are Nubians, and they are divided into two tribes (the treasures) and the (Fajikat). The number of Nubians in Aswan is approximately 30% Second: The Arabs who came with the Islamic conquest of Egypt, the number of Arabs is 50% Third: the rest of the population is displaced Egyptians living in Aswan to earn a living in a timely and permanent. : The population of Aswan Governorate is 0.974million in 1996. And at 1.151 million according to the population estimate in 2005.The size of the population of the governorate in 2005 is estimated at about 13.7% of the population of the Southern Upper Egypt region and about 1. 5 % of the size of the population of the Republic. For the urban / rural structure, the urban

population of the governorate was 495.5thousand and the number of rural population is about 655.53million in 2005 by 43, 57%, respectively

There are many active economic sectors in the governorate: Agricultural activity in Aswan Governorate is considered an important activity, as it still absorbs 28.5% of the total number of workers in the Governorate. Wheat, sugar cane and palm are among the most important crops cultivated in the governorate. The cultivated area of the governorate amounted to 146886 acres.

Fishery is one of the most important activities for Aswan both in terms of fish production and in fish the number of workers, due to the availability of water bodies as the province includes Lake Nasser, in addition to the availability of flats For the passage of the Nile River

Tourism is a very important economic activity in Aswan Governorate. The hotel occupancy rate in the province was 34% in 2010. Aswan Governorate is rich in archaeological and historical wealth this regard to its important archaeological sites that have passed through different ages Pharaonic, Roman, Christian and Islamic. The most important tourist attractions are Abu Simbel Temple, Nubia Museum and The Shrine of Aga Khan.



Abu Simbel Temple in Aswan



The Nubian Museum in Aswan

Aswan is famous for many handicrafts and arts such as pottery and the environmental products, which are the original Aswania style famous over the years, most notably the Nubian dish and muffins of palm fronds and wicker that decorate the houses, as well as the manufacture of accessories, ornaments and antiques and souvenirs of various shapes and types

### 3. Mission:

In Aswan, the plan aims at providing public services with high quality, providing job opportunities, achieving high living conditions, improving the tourism sector, solving the problem of displacement and the right of returning, managing the Aswan Dam environmental impact effectively.

The plan aims at increasing the number of tourists by 25%, increasing the number of jobs available by 10%, increasing the industrial activities by 12%, reducing the harmful environmental impacts by 5%, reducing poverty by 5%, reducing illiteracy by 5%.

### 4. Sense of Urgency:

The governorate of Aswan suffers from several problems:

The first problem is poverty faced by the residents of the governorate. The poverty ratio reaches approximately 39%.

The second one is the deterioration of education. based on the number of population in the governorate( 10 years or above) 23% are illiterate, 11.9% who can read and

write, 23.7% below intermediate, 31.5% intermediate, 2.6% above intermediate 2.6%, and 6.2% university education.

The third one is the unemployment faced by the residents. As the unemployment rate reaches 12.9% of the total unemployment rate in all governorates, 11.5% for males and 34.5% for females.

The fourth one is the decline in tourism in the last 10 years. As the occupancy percentage of hotels is 13% in 2009. Although the occupancy percentage of hotels reaches 35% in 2017 but it still low compare to other governorate.

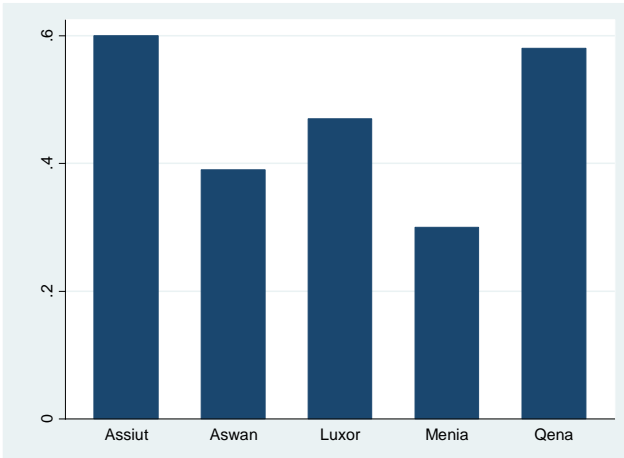
The fifth problem is the deterioration of the health sector. As the health units per 100000 people is 2.8, doctors per 10000 people is 5.4, and nurses per 10000 people is 19.

The sixth problem is the polluted water. As the average of dissolved oxygen (DO) is 6, the average of biochemical oxygen demand (BOD) is 5.3, and the average of the chemical oxygen demand (COD) is 9.9.

**Poverty:**

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. summarize percentageofpoverty
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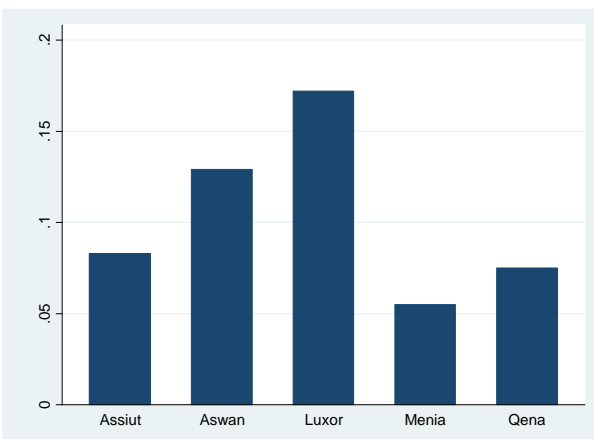
Variable	Obs	Mean	Std. Dev.	Min	Max
percentage~y	5	.468	.1267675	.3	.6



From the graph Aswan has a 39% of poverty according to data in 2010 but still Aswan is not the worst compared to Assiut that has 60% poverty.

### Unemployment:

Variable	Obs	Mean	Std. Dev.	Min	Max
unemployme~e	5	.1028	.0472356	.055	.172



The graph shows that Aswan has the second highest unemployment rate (13%) after Luxor.

## Education:

Variable	Obs	Mean	Std. Dev.	Min	Max
illiterate~p	5	.332	.0768407	.23	.413

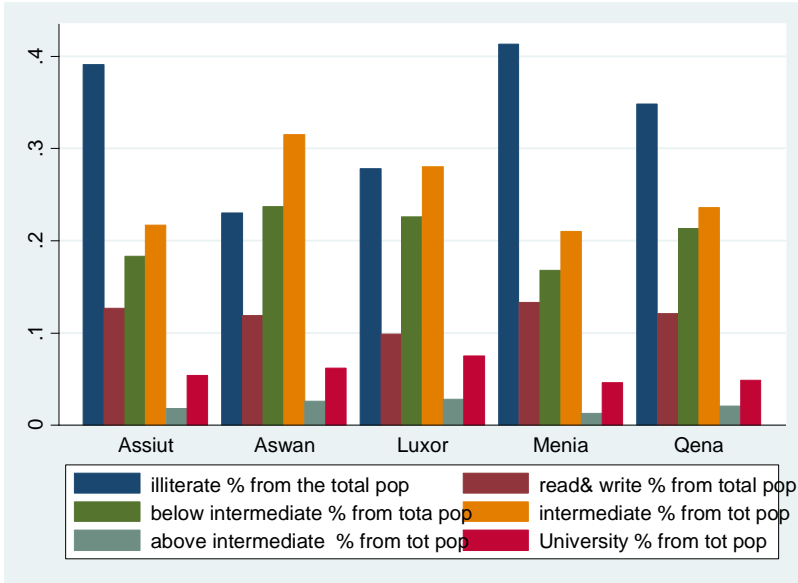
Variable	Obs	Mean	Std. Dev.	Min	Max
readwritef~p	5	.1198	.012853	.099	.133

Variable	Obs	Mean	Std. Dev.	Min	Max
belowinter~p	5	.2054	.029074	.168	.237

Variable	Obs	Mean	Std. Dev.	Min	Max
intermedia~p	5	.2516	.0447135	.21	.315

Variable	Obs	Mean	Std. Dev.	Min	Max
aboveinter~p	5	.0212	.0060581	.013	.028

Variable	Obs	Mean	Std. Dev.	Min	Max
University~p	5	.0572	.011649	.046	.075



According to the graph Aswan has lowest % of illiterate, intermediate and below intermediate. The second place in % of above intermediate and university. And the fourth place in % of read and write.

## Tourism:

-> governorate = Alex

Variable	Obs	Mean	Std. Dev.	Min	Max
occupancyp~s	6	.269	.0606168	.21	.347

-> governorate = Aswan

Variable	Obs	Mean	Std. Dev.	Min	Max
occupancyp~s	6	.1483333	.0986421	.07	.34

-> governorate = Cairo

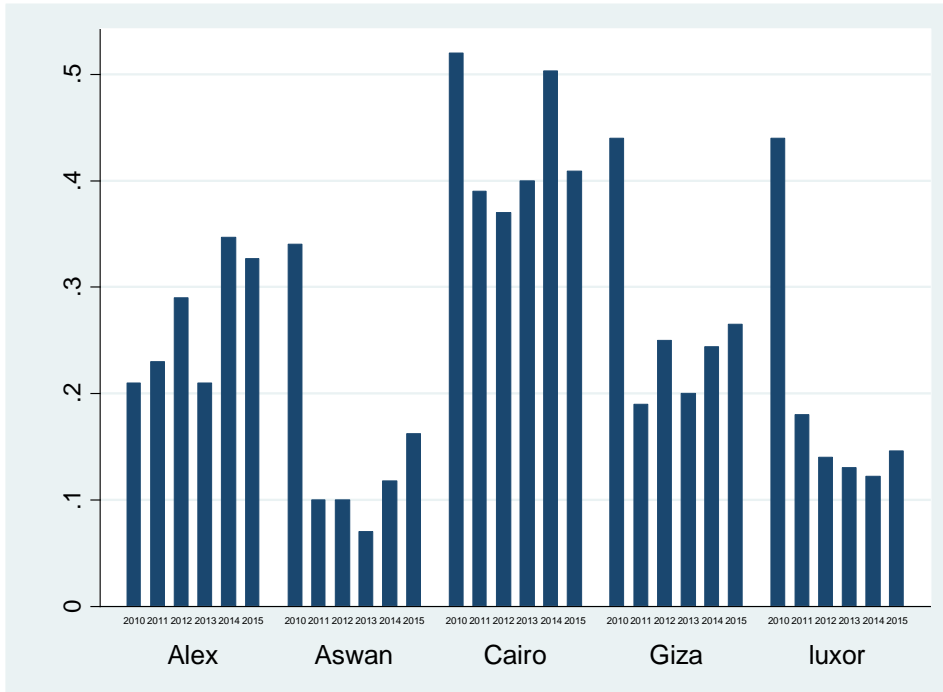
Variable	Obs	Mean	Std. Dev.	Min	Max
occupancyp~s	6	.432	.0631601	.37	.52

-> governorate = Giza

Variable	Obs	Mean	Std. Dev.	Min	Max
occupancyp~s	6	.2648333	.0907092	.19	.44

-> governorate = luxor

Variable	Obs	Mean	Std. Dev.	Min	Max
occupancyp~s	6	.193	.1226426	.122	.44



According to the two way graph Aswan has the highest value in 2010 but then it decreases sharply until 2013 and then starts to increase again. The reason of this decrease is the 25<sup>th</sup> revolution and the event that followed it.

## The environment:

-> governorate = Assiut

Variable	Obs	Mean	Std. Dev.	Min	Max
theannuala~0	6	7.666667	.0816497	7.6	7.8

-> governorate = Aswan

Variable	Obs	Mean	Std. Dev.	Min	Max
theannuala~0	6	5.916667	.0752773	5.8	6

-> governorate = Luxor

Variable	Obs	Mean	Std. Dev.	Min	Max
theannuala~0	6	6.816667	.3060501	6.3	7.1

-> governorate = Menia

Variable	Obs	Mean	Std. Dev.	Min	Max
theannuala~0	6	8.266667	.0516398	8.2	8.3

-> governorate = Qena

Variable	Obs	Mean	Std. Dev.	Min	Max
theannuala~0	3	6.866667	.3511885	6.5	7.2

-> governorate = Assiut

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-BOD	6	2.466667	.3076795	2.2	2.9

-> governorate = Aswan

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-BOD	6	5.066667	1.207753	2.7	6

-> governorate = Luxor

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-BOD	6	3.2	1.073313	2.2	5.2

-> governorate = Menia

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-BOD	6	3.716667	.6675827	3.2	5

-> governorate = Qena

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-BOD	3	5.8	4.775982	2.7	11.3

-> governorate = Assiut

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-COD	6	6.3	.3794733	5.7	6.7

-> governorate = Aswan

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-COD	6	9.366667	.332666	9	9.9

-> governorate = Luxor

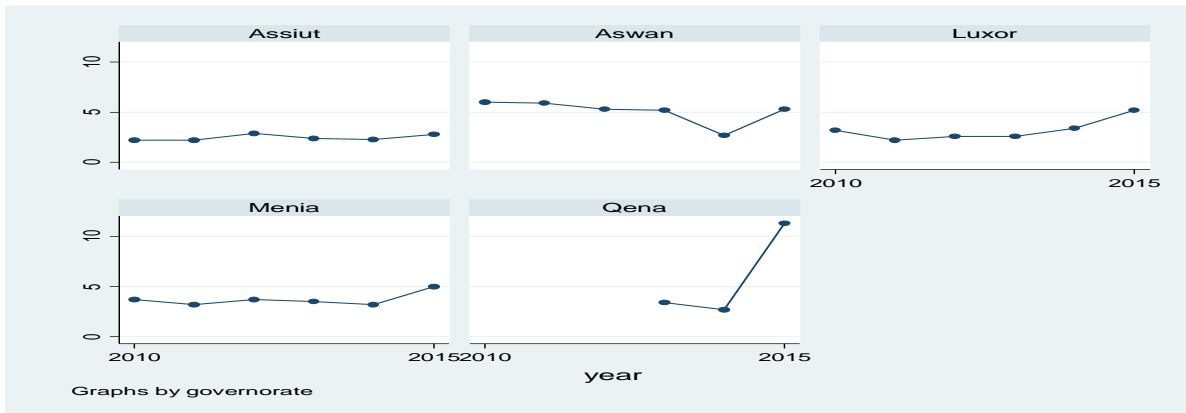
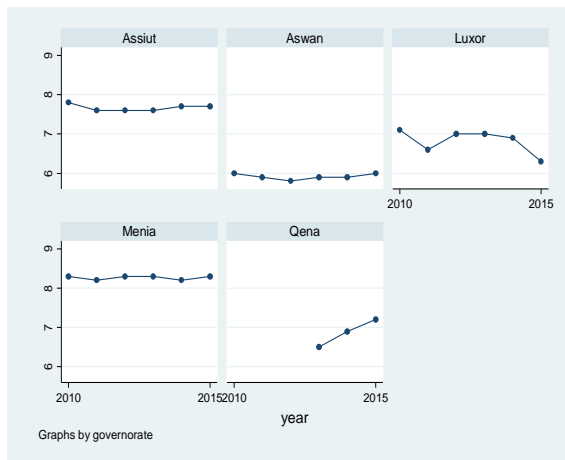
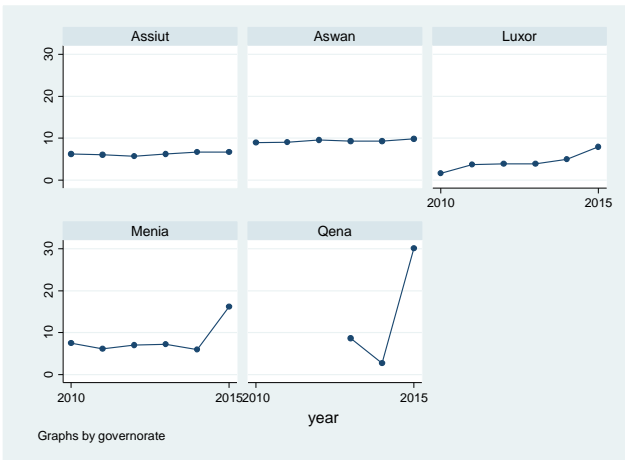
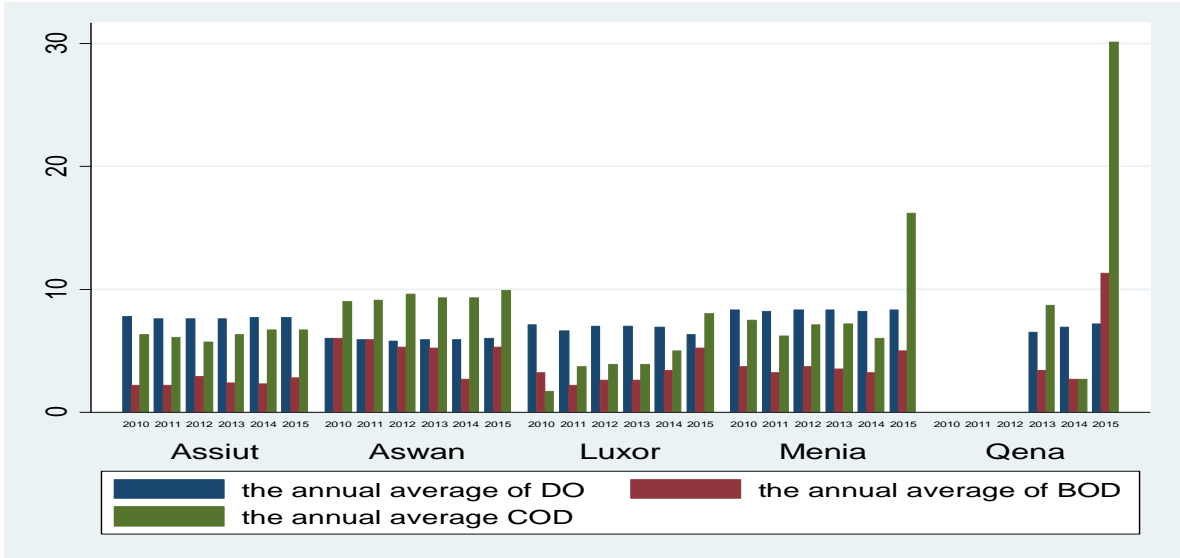
Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-COD	6	4.366667	2.07814	1.7	8

-> governorate = Menia

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-COD	6	8.366667	3.882611	6	16.2

-> governorate = Qena

Variable	Obs	Mean	Std. Dev.	Min	Max
theannua-COD	3	13.83333	14.40324	2.7	30.1



According to the graph Aswan approximately has the same average for DO over the six years. And the same applied for COD. But for BOD it reaches the lowest value in 2014 compared with other governorates.

**Health:**

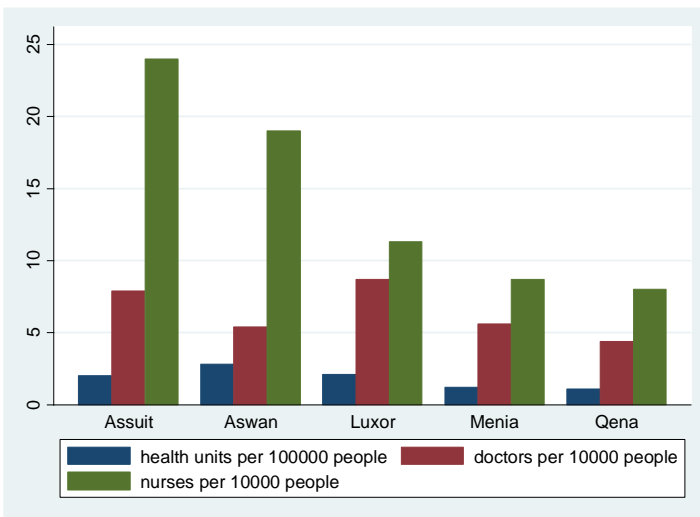
Variable	Obs	Mean	Std. Dev.	Min	Max
healthunit~e	5	1.84	.7021396	1.1	2.8

. summarize doctorsper10000people

Variable	Obs	Mean	Std. Dev.	Min	Max
doctorsper~e	5	6.4	1.815213	4.4	8.7

. summarize nursesper10000people

Variable	Obs	Mean	Std. Dev.	Min	Max
nursesper1~e	5	14.2	7.003214	8	24



According to the graph Aswan has the highest value in health units, the second highest value in nurses per 10000 people and the second lowest value in doctors per 10000 people.

## 5. Vision :

Each Governorate has its own problems and here in our strategic Urban planning we try to improve its status . We determined here the vision and its pillars such as :

1\_ Turning Aswan into Africa's cultural and Economic capital .

Its pillars : Tourism sector .

Health sector.

Education sector.

Investment

2\_ Improving the Environmental quality .Its pillars :

High Dam.

Infrastructure.

### 3\_Social Justice, its pillars :

The right of returning after displacement problem.

Getting ride from poverty.

### 6. Action plan:

Applying a strategic plan for the governorate to achieve its vision:

Making Aswan Africa's cultural and economic capital:

Tourism pillar:

- showing Aswan as a place that embraces different and distinctive cultures and other spiritual, emotional features from different societies or social groups.

- Allowing different cultural expressions for tourists and giving space for self-acknowledgment for other countries.

- Forming intercultural dialogue with different nationalities leading to peace and formation of sustainable development.

- Organizing events for art shows and galleries and theatrical performances from around the world on regular basis.

- Using worldwide advertisements that Aswan is a safe place for all the people and giving others the freedom of self-expression without harm and acknowledging the high morals of people in Aswan.

- Displaying archaeological sites and the Egyptian heritage landmarks that surrounds Aswan and getting them to be known worldwide to make the tourists eager to see it.

#### Economic pillar:

- Holding annual economic conferences for the rest of the world.

- creating exhibitions for new technological and economic innovations.

- providing goods and services world-wide to contribute to the national economy especially that the governorate shares borders with another country.

#### Education pillar:

- Reconstructing schools on international standards.

- Training teachers on using smart techniques for teaching like computers , laptops and tablets.

- Working on the gap between the teaching methods in universities and schools so the student won't face any shock at his first year.

#### For health pillar:

- Providing a full health insurance for Citizens in need.

- Supplying free medicine for people who suffer chronic diseases or having cardiac arrests especially that these medicines are too expensive.

- Spreading hospitals of at least 30 minutes between each one for urgency states and road accidents.

Improving environmental quality:

- Restriction of buildings and constructions near any archaeological sites or historic interests.

- Keeping archaeological sites and museums under constant surveillance for preventing any vandalism.

- Generating clean solar energy since Aswan is sunny all year around.

- creating a smart waste system that separates different materials for better recycling process.

For achieving social justice:

- Solving the problem of poverty mainly by retaining tourism again back in the governorate.

- Reach out every citizen through the context of land use, transportation, health and environmental services to achieve more equitable and sustainable urban life.

- Creating backup jobs for citizens there instead of completely relying on tourism.

- Retaining citizens back in El Nouba since the construction of the high dam and retaining back their social rights and citizenship and to make it up on them with financial aid.

-Free education right to every citizen.

Previous developmental points require implementing these following projects:

(a) A radio and a TV channel for broadcasting of news and updates on Aswan only.

(b) An annual calendar for the upcoming social and entertaining events and keeping it updated and widely published like Dubai events calendar.

(C) Solar power stations across the city.

The time framework for the whole vision can be achieved within ten year.

## 7. The values:

Our values are based on

\_ Objectivity in decision Making that are made, Demand driven decisions because sometimes we need to know the opinions of residents and something we resort to the supply driven policies " depend upon the situation and what will be suitable for our plan to achieve best results" . Transparency and credibility, they are considered as crucial points for any plan to be trusted. Following participatory development with inclusion all citizens in the process of decision making . and finally adopting the democratic values and principles .

## 8. SWOT Analysis :

<b>Strength</b>	<b>Opportunities</b>
<ul style="list-style-type: none"> <li>- Diversity in remains serves the tourism sector.</li> <li>- Majdi Yaqui Hospital provides the opportunity for doctors, serves the medical education in Aswan .</li> <li>- small number of students in schools and distribution of them has become easier, that serves educational attainment</li> </ul>	<ul style="list-style-type: none"> <li>- Its opportunity to transform into an African economic capital because of its location .</li> <li>- The culture of the Nubian people, which is characterized by cooperation may contribute to the creation of a commercial market</li> <li>- opportunity to set up an aluminum factory provides opportunities for business in Aswan</li> </ul>
<b>Weakness</b>	<b>Threats</b>
<ul style="list-style-type: none"> <li>- Governorate was flooded with sewage, unpaved roads.</li> <li>- Lack of skilled labor and of airports and ports to receive tourists</li> <li>- Adopting one type of tourism and non-diversity between other types</li> <li>- The distribution of schools is weak</li> <li>- The presence of one university in Aswan</li> <li>- infrastructure is weak and not distributed well.</li> </ul>	<ul style="list-style-type: none"> <li>- the absence of nurses since that work is considered shameful for the population .</li> <li>- The lack of approval of parents on the education of girls, effects on the educational statistics in Aswan.</li> <li>- the high dam in that area trapped a quantity of fertile silt behind .</li> </ul>

## Tasks of team members.

Name:	Task:
XXXX	Swot analysis.
XXXX	Action plan Urgency
XXXX	Mission. Urgency
XXXX	Back ground.
XXXX	Values. Vision. Summary.