



THE SISTER CITY PROGRAM OF THE CITY OF NEW YORK

Summit Titled

"Transforming Government through Technology"

JUNE 24 -25, 2004

Sister City Program Technology Summit White Papers

June 24-25, 2004

Copyright©2004 by The Sister City Program of the City of New York



Work Paper of Cairo Governorate

Future Strategy for Execution
Work Management through Work Programs

Practical Study

Cairo Governorate 2004



A Representative of Cairo governor
Name: Eng. Abd EL-Fattah Mohamed Abd EL-Fattah
Assistant Chairman of Utility Data Center
Cairo Governorate

B. S. C in Engineering Electric Engineering of Aircraft 1971 from military
Technical College

Retired from Military Service 1992

Joining work at Greater Cairo Utility Data Center Since 1993 till Now.

Sister City Program Technology Summit White Papers

June 24-25, 2004

Copyright©2004 by The Sister City Program of the City of New York

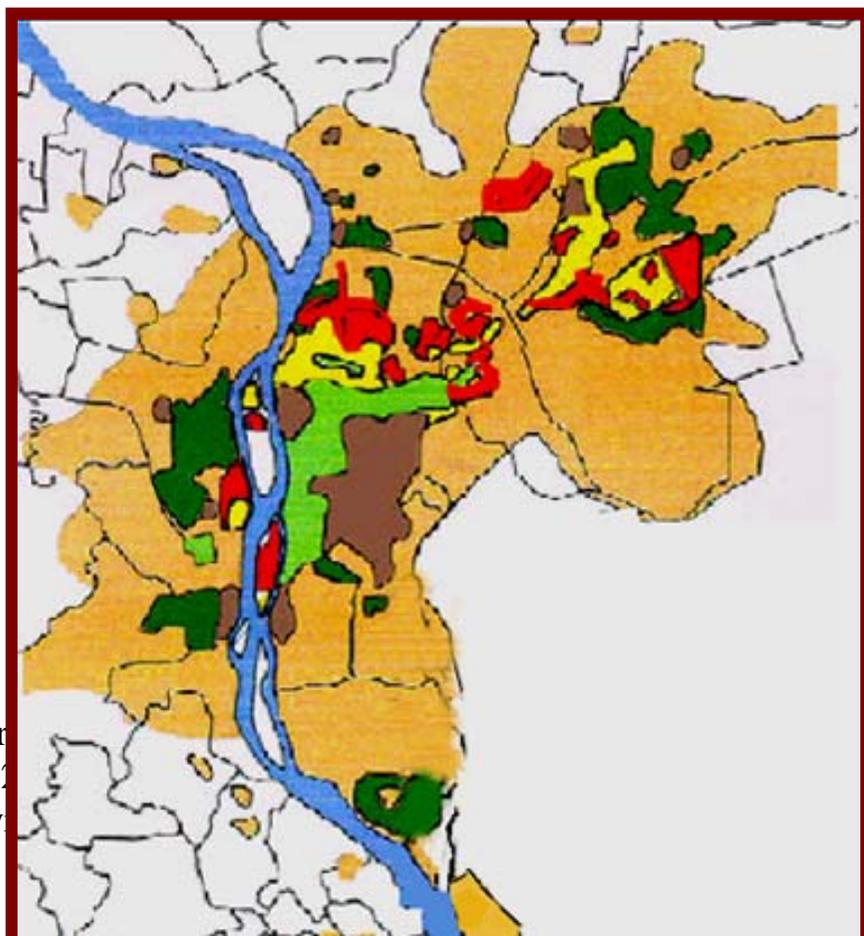


Cairo governorate boundaries





Geographical Development



YEAR	Area/km ²
1800	9
1917	35
1927	68
1947	320
1970	410



1980	800
2004	1466

Cai ro Popul ati on Si nce 1800

Year	Popul ati on	Area
1800-1850	270, 000	9 KM ²
1850-1880	800, 000	45 KM ²



1880-1950	2, 000, 000	160 KM ²
1950-1965	3, 500, 000	320 KM ²
1965-1980	6, 000, 000	410 KM ²
1980-2004	8, 000, 000	1466 KM ²

1- General :

A- The City of Cairo is one of the greatest and oldest city of the world, with its heritage, culture and history.



Therefore, it was the target of all citizens from different governorates and cities of Egypt, willing for better education , better social life , searching for better opportunity for work or medical treatment.

The invariable population increasing problem which leads to the need of housing, work, utilities, services as well as means of transportation, also extends to the historic areas which considered as a dangerous threat on the environment.

[THE Strategy of Cai ro Governorate](#)



All current and future giving and the city problems have been studied and revised, as a result of that a complete integrated strategy was established to develop Cairo and achieve an exhaustive development plan. This can be achieved through Nine Work Programs including all authorities, department, districts and all activities of Cairo Governorate.

These nine programs are working together in a parallel way so as to rebuild the capital on a scientific base in order to reach its perch according to its heritage, culture and civilization

Each program has a chairman and a high committee.

To identify the main target, periodical targets, annual and long-range plan.

The committee held a monthly meeting to estimate the plan and following up its quality.

They prepare a quarterly report represented to the Ministerial council and people leaderships.

Each program has a booklet which was issued annually including a complete estimation of the program and the achieved targets as well as the annual plan for the next year.

Using Geographic information System for each program and establishing data base for them.



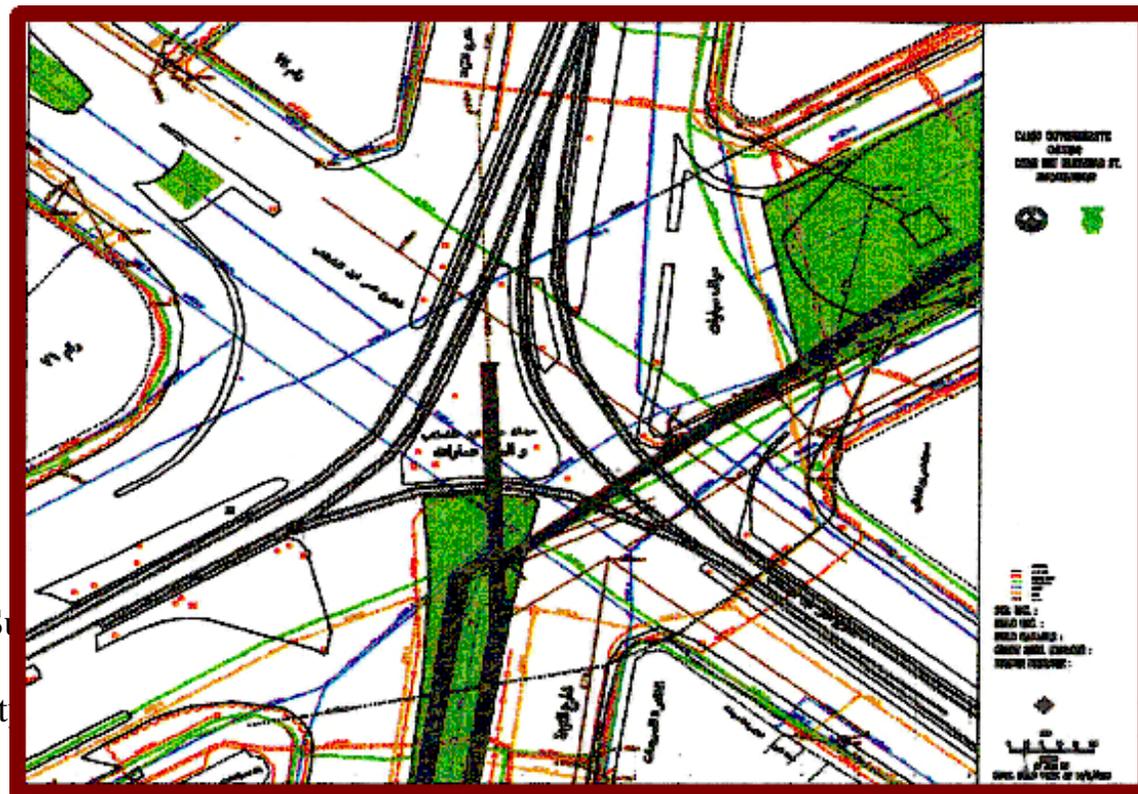
It combines between different Management Systems.

It combines between the programs targets and the plan Management System, as each program has a long-term plan divided into five-year plans, which in its turn divided into annual-plan.

On the other side, the conclusion Management System, as each program is estimated through following up works and co-ordination on the level of the Ministerial council, and how it corresponds with the plan, achieved results, and to what extent it is diffractive from the targets and how to handle this diffractive.



This Database has been used in reproducing maps, show the utilities proportional locations, and how to get benefit of it in digging works especially mechanic digging in order to prevent any damages of utilities.





The administrative and Geographic technical operation in Cairo Governorate is using the quality Management System which leads to:

1- Happy Clients.

2- Employers able to handle any problem.



3- Income increasing.

4- Cost decreasing.

2- THE Programs of Strategy for Cairo Governorate

1- Infrastructure

2- Environmental Recovery

3- Nile Protection and preservation

4- Historic Cairo protection and revival

5- Urban development

Sister City Program Technology Summit White Papers

June 24-25, 2004

Copyright©2004 by The Sister City Program of the City of New York



6- Engineering & traffic planning

7- Human development

8- Investment

9- Housing

INFRASTRUCTURE

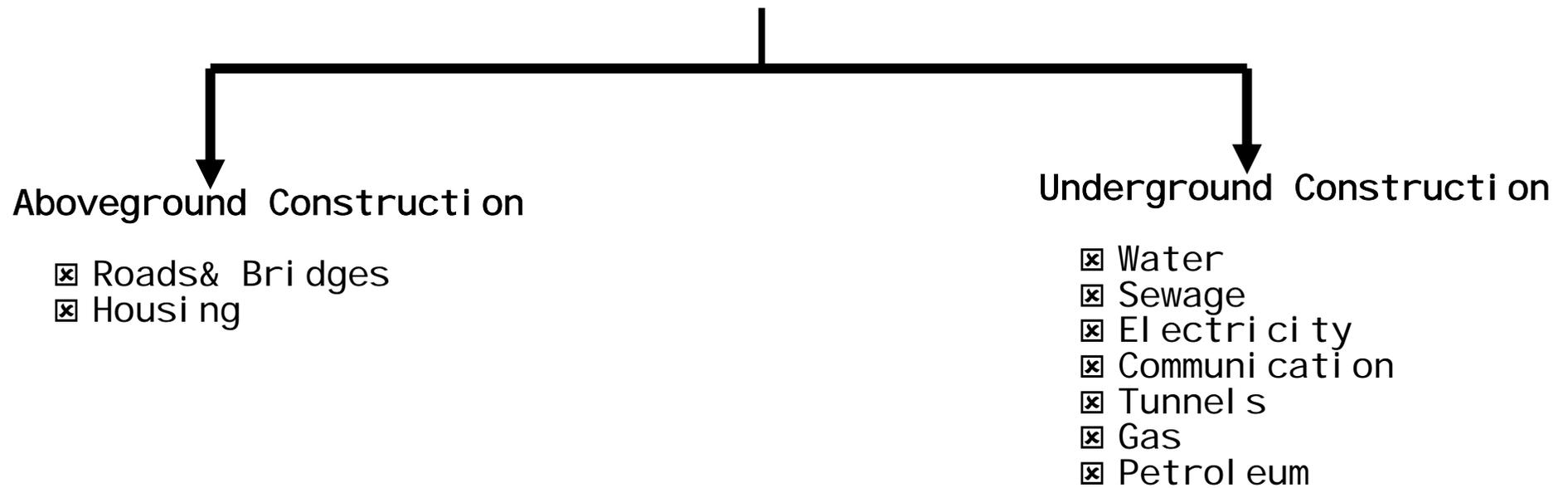
TARGET

Accurate Planning for any construction under or aboveground projects, and the suitability of any projects regarding to the utilities services in this area, and connecting utilities to all Cairo citizens.

Sister City Program Technology Summit White Paper
June 24-25, 2004

Copyright©2004 by The Sister City Program of the City of New York

Infrastructure Includes



Total Expenditure on Utilities Up to 1-6-2004



UTILITY	COST IN MILLION
Tape Water	3537
Sewage	12607
El ectri ci ty	8054
Tel ephone	5790
GAS	1754
Roads, Bri dges, Pavement	20477
Fore stati on	2023
Total	54242

Total Investment on Infrastructure

Sister City Program Technology Summit White Papers

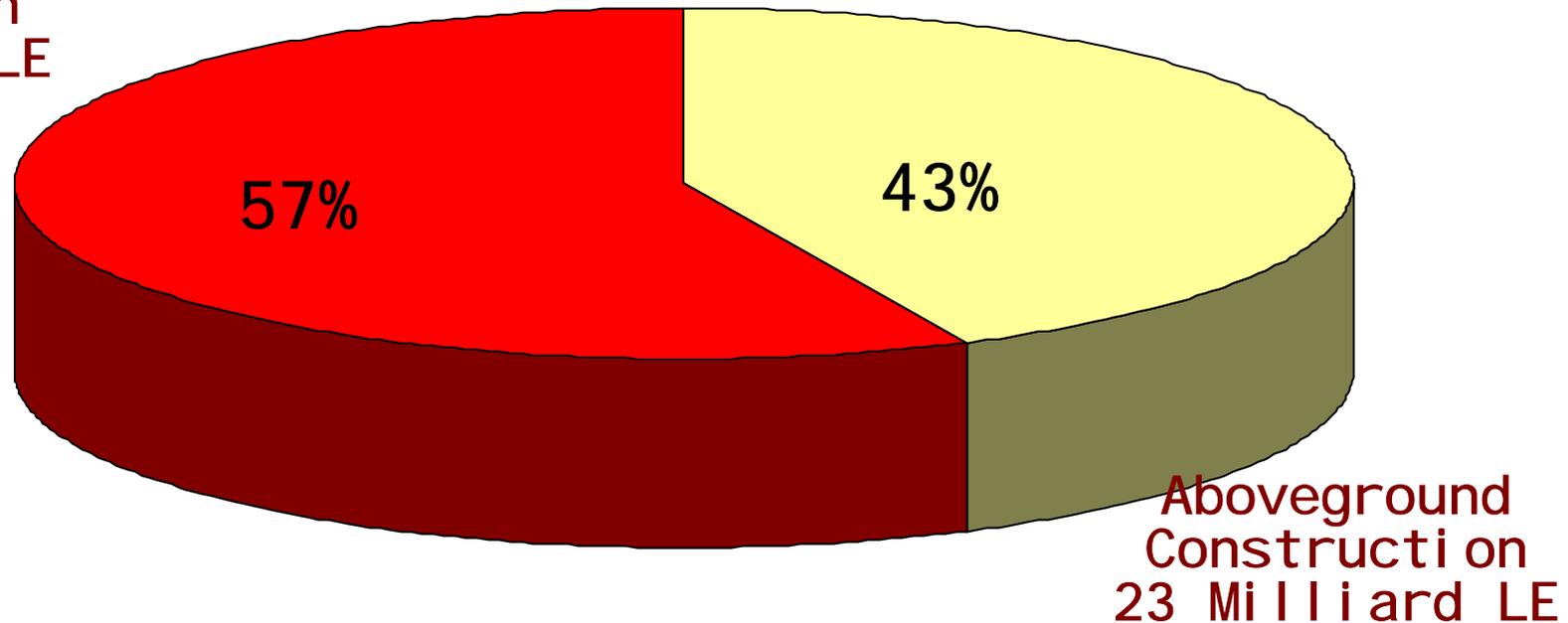
June 24-25, 2004

Copyright©2004 by The Sister City Program of the City of New York



Total expenditure on infrastructure
Within the five year plan
(four plan from 82 to 2004)
54 milliard LE

Underground
Construction
31 Milliard LE



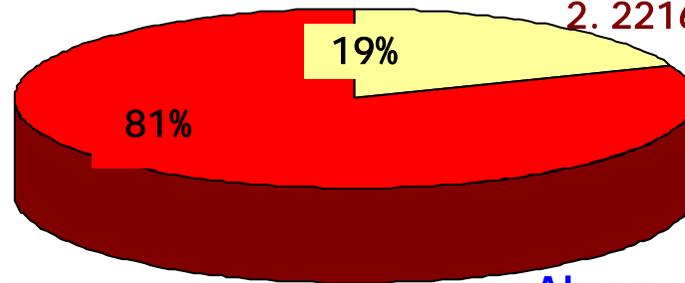


Total planned expenditure on infrastructure 2002/2007

11.3123 Billion LE

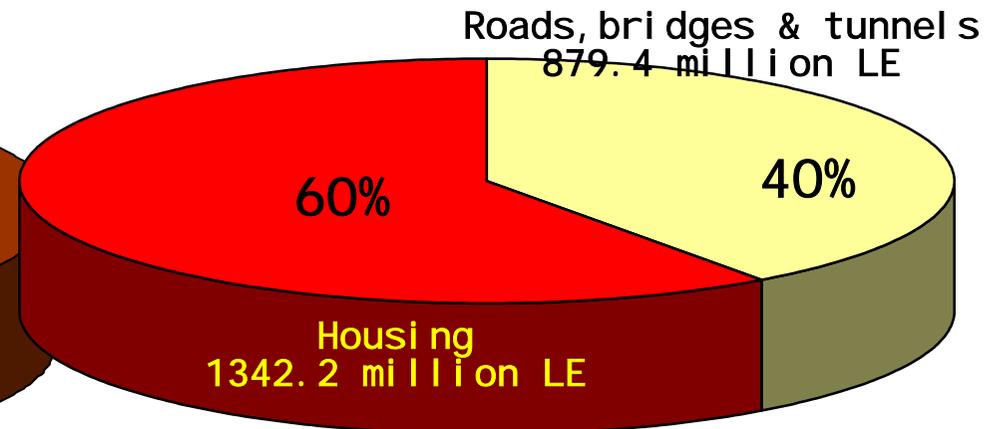
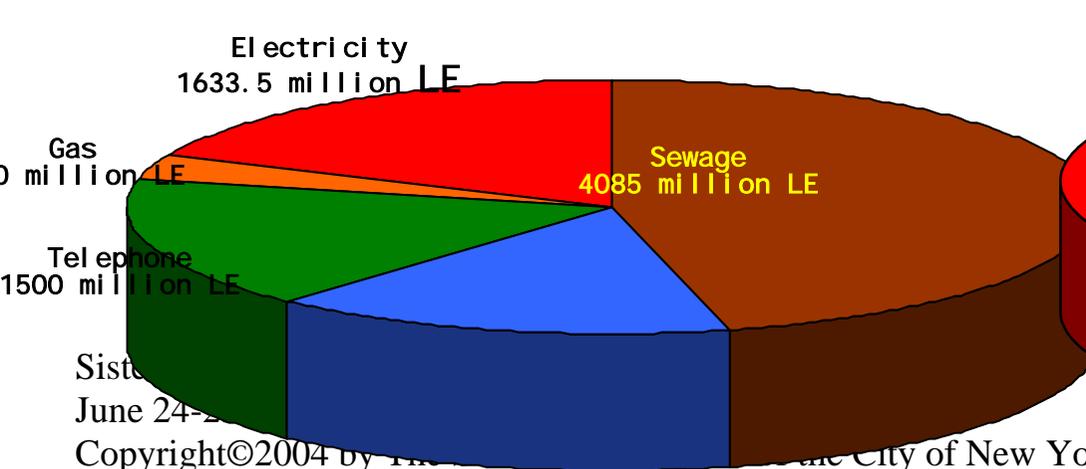
Underground
9090.7 million LE

Aboveground
2.2216 billion LE



Underground Construction

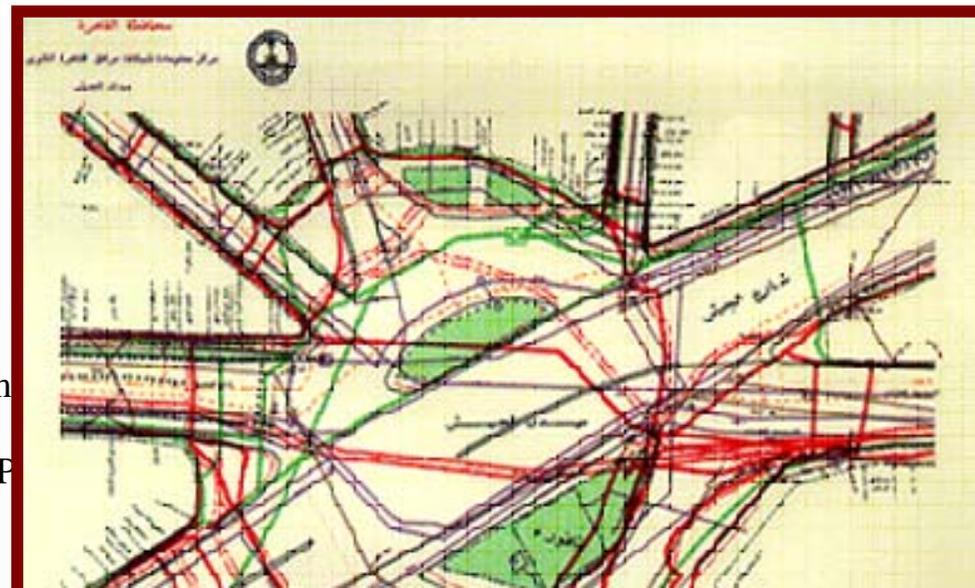
Aboveground Construction





Water
1387 million LE

One of the most successful fields in which Geographic Information System is applied is the field of utilities, as there is a complete database of all underground utilities and updating it regularly.





Urban Development

TARGET

It aims at preplanning and how to use perfectly the regions which are very deteriorated and those which are civilizationally declined as well as promoting the regions that can be developed through correct urban development and settling the polluted industries outside the residential area.

Work Strategy

Sister City Program Technology Summit White Papers

June 24-25, 2004

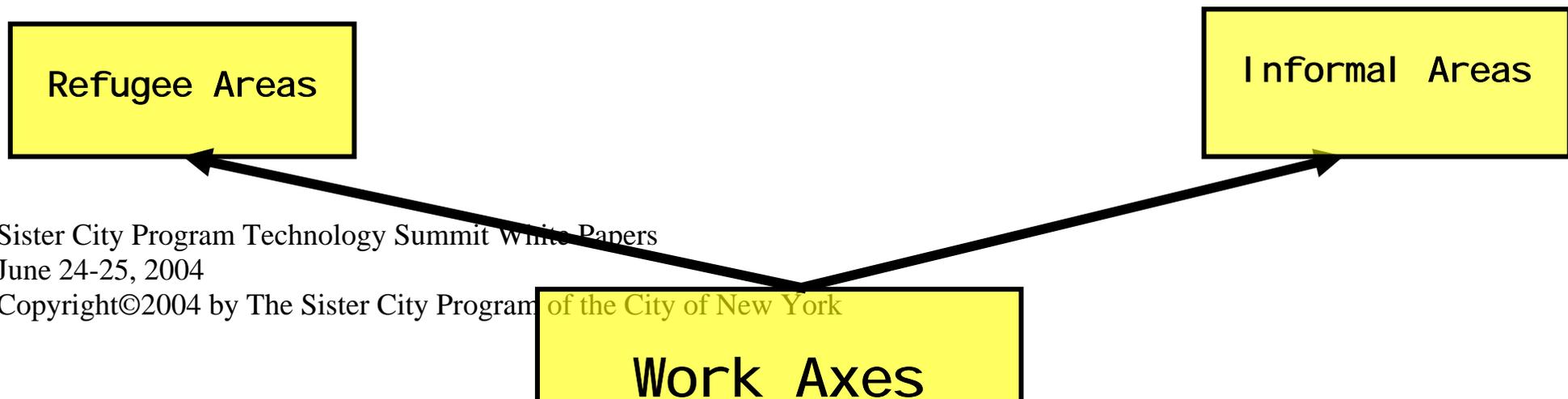
Copyright©2004 by The Sister City Program of the City of New York



1- Removal of all pouting activities outside the residential area and developing them by using Gas and Electricity.

2- Allocated area to transform pouting Activities:

- *- Badr City has 533 Fadden to transform activities of Leather sellers and its industry. Establishing a station of sewage treatment.
- *-North of Qatamia (Industrial area) to be as wood storage and wood seller.
- *-In Qatamia investment area which is allocated for workshops and queasy activities and storage.





Informal area(Zeinhom)
After Development





Sister City Program Technology Summit White Papers
June 24-25, 2004
Copyright©2004 by The Sister City Program of the City of New York



These efforts have been done
by Cairo Governorate
including these nine
programs but as we mentioned



before we're only illustrate
two programs.