

The Study of MRTA Performance

Enhancement Strategy

Dr. Agachai Sumalee Associate Professor Department of Civil and Environmental Engineering The Hong Kong Polytechnic University



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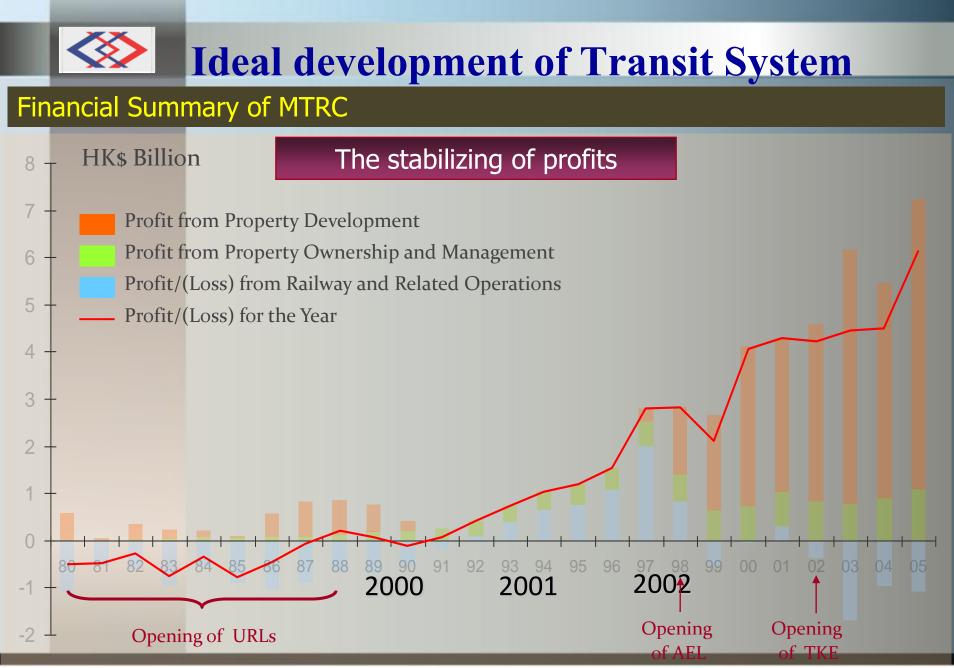


Minister cabinet agreement

"requested MRTA to evaluate their strategies to reduce the public debt and increase the efficiency of the organization"

MRTA set up a study and issued a contract to carry out the investigation entitle "The Study of MRTA Performance Enhancement Strategy"

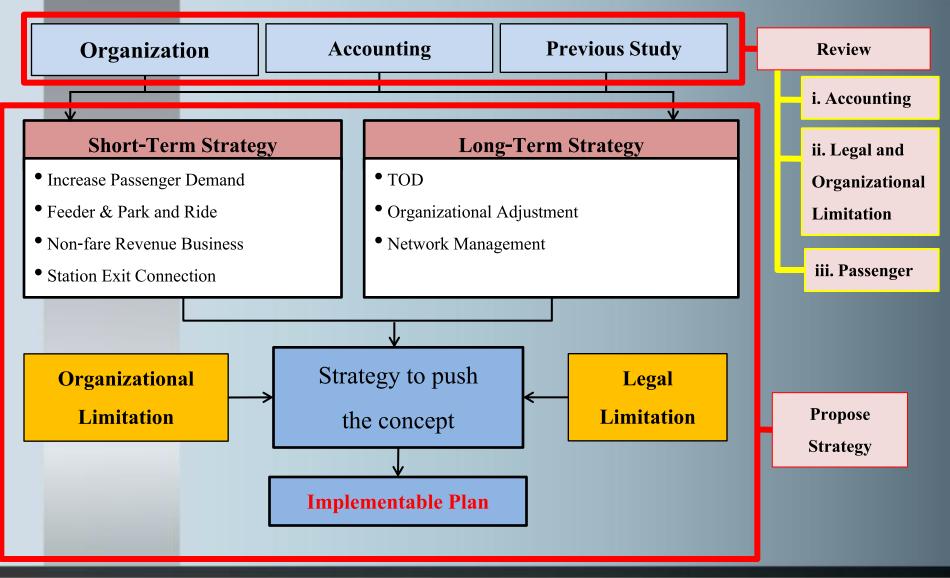
The project took around 6 months to complete and comprised of experts from KMITL, Hong Kong Polytechnic University, TDRI, Chulalongkorn University, and Ubon Ratchatani University





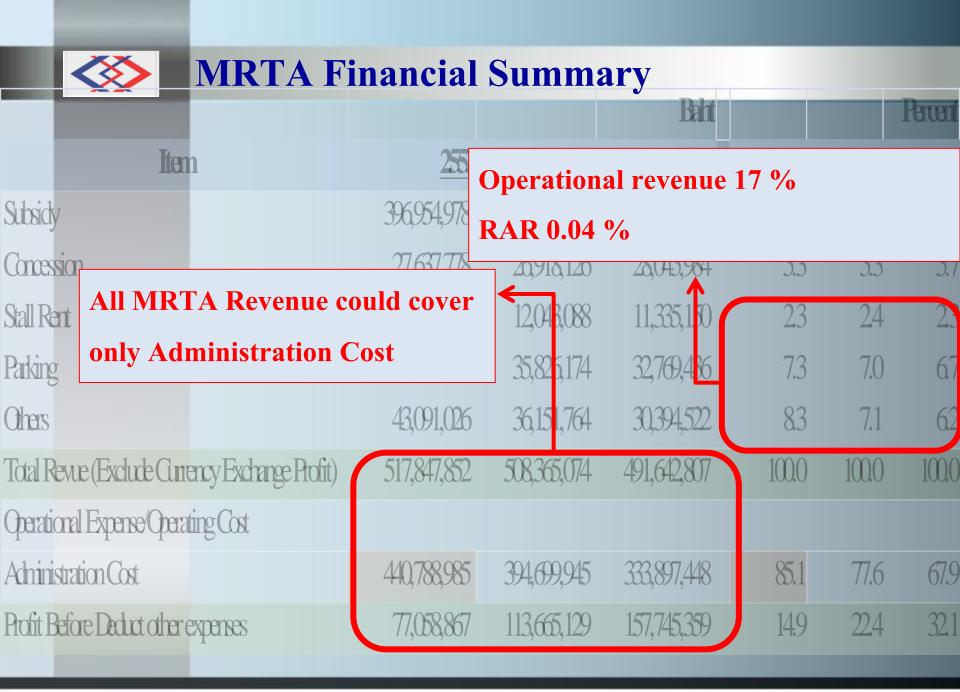


Structure of The Study



II. MRTA Review

i. Financial Review and Business Opportunity



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MRTA Financial Summary (cont.)											
			(urit: Baht)		(uni	: Percent					
Item	2553	<u>2552</u>	<u>2551</u>	2553	2552	2551					
Subsidu	<u>396954</u> 978	397,425,922	389,097,714	76.7	78.2	79.1					
All revenue could not cove	r 778	26,918,126	28,045,984	5.3	5.3	5.7					
$\mathbf{S}_{\mathbf{Z}}$ depreciation and other exp	bense 455	12,043,088	11,335,150	2.3	2.4	23					
Parking	37,998,617	35,826,174	32,769,436	7.3	7.0	67					
Others	43,091,026	36,151,764	30,394,522	83	7.1	62					
Total Revue (Exclude Currency Exchange Profit)	517,847,852	508,365,074	491,642,807	100.0	100.0	100.0					
Operational Expense/Operating Cost											
Depreciation	1,898,161,861	1,899,780,848	1,896,678,480	366.5	373.7	385.8					
Profit	- 1,380,314,009	- 1,391,415,775	- 1,405,085,673	-266.5	-273.7	-285.8					



- All MRTA Revenue could cover only Administration Cost. This results from unbalancing between income generating and expense. Also, the investment structure of MRTA mainly focuses on investment of infrastructure of MRT.
- Contract Limitation and Uncertain Subsidy impede revenue acquisition. Thus, the new strategy on income generating would be a promisingly solution for MRTA.
- The profit from every new solution should significantly increase MRTA revenue. And this should be taken into account in all short-term, mid-term, and long-term plan.

II. MRTA Review

ii. Legal and Organizational Limitation

Legal and Organizational Limitation Analysis

Legal Limitation

- > The expropriated land cannot be used for commercial proposed.
- New MRT projects would become MRTA debts.
- MRTA must gain more profit/revenue from MRTA property by applying Business-based concept at the beginning of the project and increasing property utilization.
- **Organizational Limitation**
- Inadequate policy development and personnel in business development as well as network management.

II. MRTA Review

iii. Passenger



Public Transport Passengers

Trip Propose

	MRT	BTS	Bus	A/C Bus	Passenger Van	Boat	Express Boat	Commuter Train	Car
Home-Based Work (HBW)	61%	39%	44%	44%	52%	34%	45%	47%	53%
Home-Based School (HBS)	11%	11%	14%	16%	12%	27%	17%	20%	3%
Home-Based Others (HBO)	15%	27%	32%	31%	27%	19%	23%	29%	24%
Non Home-Based (NHB)	13%	23%	10%	9%	8%	20%	15%	3%	21%



Public Transport Passengers (cont.)

Reason

	MRT	BTS	Bus	A/C Bus	Passenger Van	Boat	Express Boat	Commuter Train	Car
Number of choices	6%	0%	14%	25%	2%	1%	0%	0%	19%
Expense	6%	11%	74%	38%	14%	2%	12%	62%	10%
Security	13%	3%	2%	16%	1%	0%	1%	3%	15%
Easy to use	61%	59%	55%	74%	75%	38%	71%	90%	90%
Time Saving	95%	95%	9%	29%	81%	90%	97%	25%	70%

Source - OTP, 2010

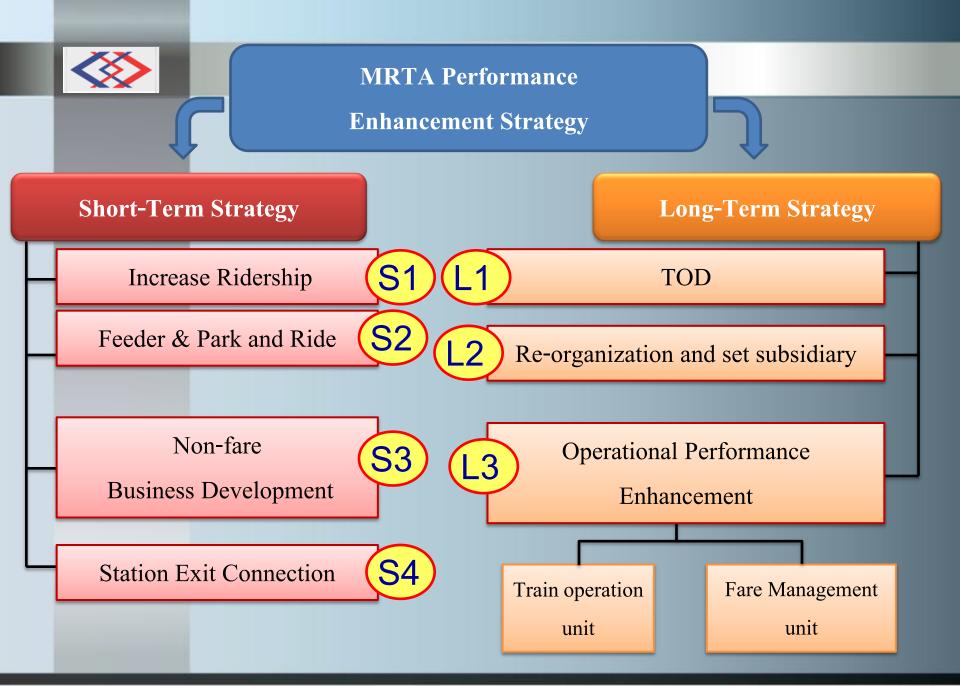


- Passenger Service
 - Morning and Evening Peak but Passenger Rate is not achieve the set goal (avg. 3.4%, goal 5%)
 - The Best Advantage of MRT is Time Saving but not easy to access and transfer to other modes.
- Ridership Forecast
 - **75%** Over estimate
- Ridership Increasing Strategies
 - Network expansion
 - TOD concept
 - Accessibility

- Connectivity
- Thicket and fare structure
- Intermodal transfer sustainability

III. MRTA Performance

Enhancement Strategy











Home plus Plus to your life

Outdoor ad in the subway station for HomePlus supermarket

The Task:

Publicize the grand opening of the HomePlus Supermarket branch in Chamsil district. This particular branch was connected directly to the Chamsil subwey station. Since LotteMarti, a rival supermarket chain, already had a

store close to this subway stalon, agressive and effective campaign was neccesary to put the grand opening of the HomePlus Chamsil branch in the spotlight.

The Idea:

Stickers were applied to the subway station pillars in order to make them lock like life-size HormiPlus supermarket stands. The intended effect was to make the people entering the subway station feel like they were stepping into the HomePlus supermarket.

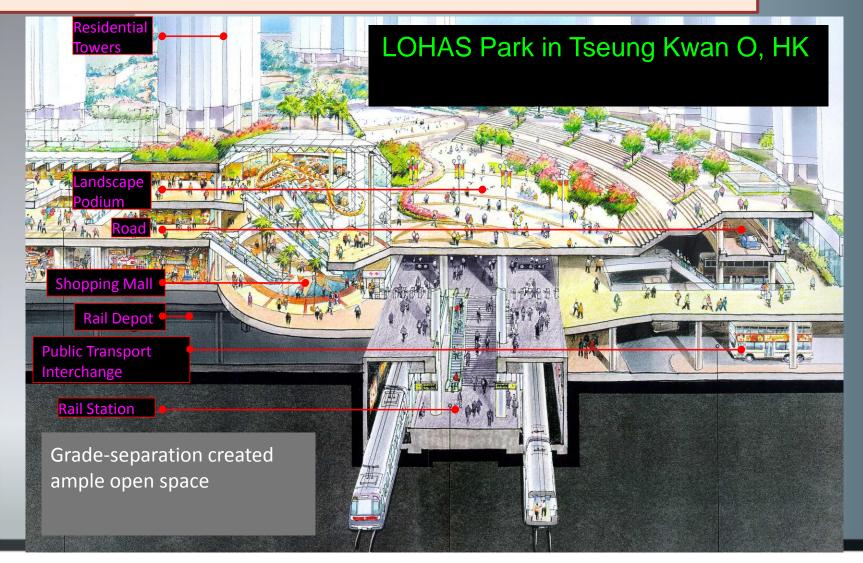
The Result:

HomePlus outdoor campaign began a month before the store opening. No TV/Print ads were carried out for HomePlus. As a result of this unique outdoor campaign, the sales for the opening day exceeded the expected sales by 550%.





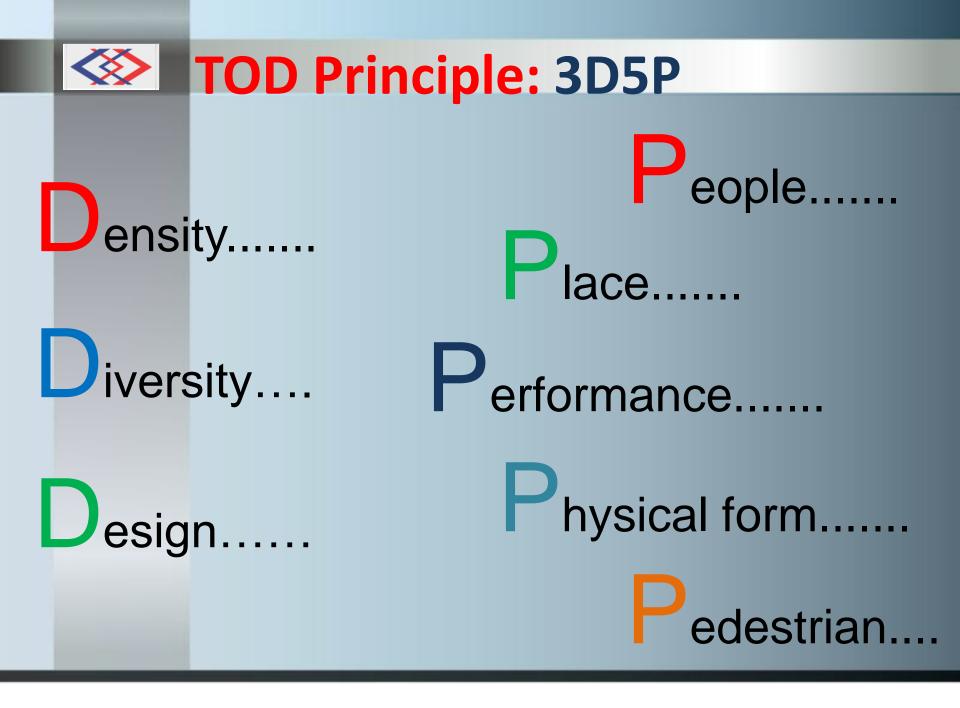
• Capture True Value of Infrastructure





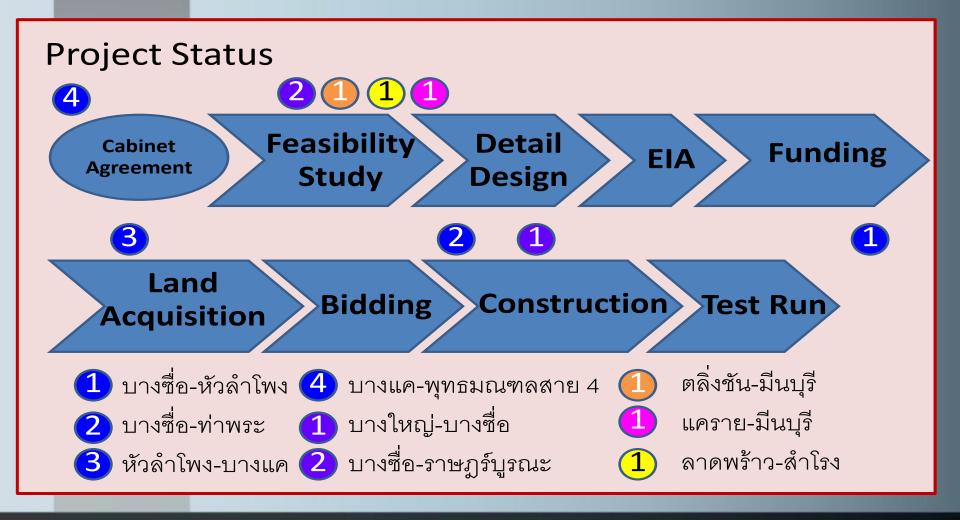
Development scale and ratio: people and place making

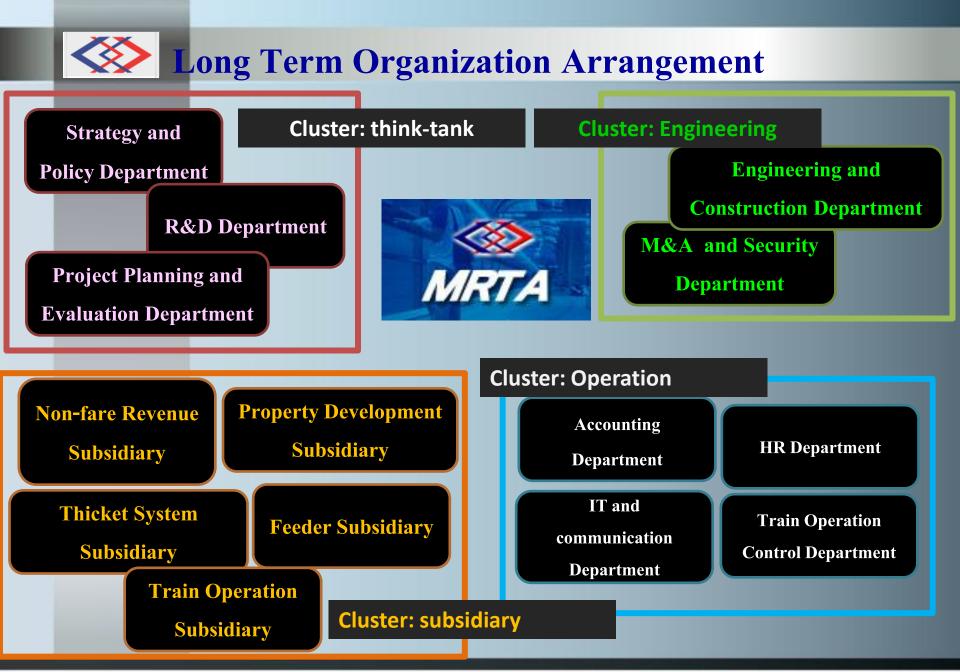
	Office (sq.m.)	Retail (sq.m.)	Others (sq.m.)	Residential (units)	Total GFA (million sq.m.)	Residential/ Commercial ratio
Urban Line	234,898	299,363	-	31,366	2.6	78%
Airport Express Line	611,877	306,571	316,473	28,473	3.5	65%
Tseung Kwan O Line	5,000	105,814	63,030	30,414	2.3	93%
East Rail Line	67,541	113,238	113,491	4,771	0.7	60%
West Rail Line	95,800	145,130	50,346	19,206	1.8	84%
Ma On Shan Line	-	65,193	38,191	10,314	0.9	88%
Light Rail	-	53,117	-	9,108	0.6	91%
Kowloon Southern Link	-	-	-	1,500	0.1	100%
	1,015,116	1,088,426	581,531	135,152	12.5	





Apply Business-based concept at the beginning of the project







หัวลำโพง มิติไหม่แห่งการพัฒนา (The New Revolution of Development)

GHD.



โครงการศึกษาจัดทำแผนแม่บทและออกแบบเชิงความคิด เพื่อการพัฒนาพื้นที่บริเวณย่านสถานีกรุงเทพ

1. โถงปร**ะวัติศ**าสตร์ (Historical Hall)

4. โถงริมน้ำ (Waterfront)
5. โถงทางเดิน (Walking Street)

ZONNING PI

2. โถงนั่งเล่น (Living Hall)
3. โถงปฏิบัติการ (Operation Hall)



ผังจำแนกโซนและแนวดิดการพัฒนาพื้นที่

1.พื้นที่พานิชยกรรม 19 ไร่ (16.42%) 2.พื้นที่พักอาศัยหนาแน่นมาก 29 ไร่ (24.22%) 3.พื้นที่อนุรักษ์สถาปัตยกรรม 25 ไร่ (20.84%) 4.พื้นที่สำนักงานและการบริการ 8 ไร่ (7.04%) 5.พื้นที่สีเขียวและนันทนาการ 27 ไร่ (22.77%) 6.พื้นที่ถนน 10 ไร่ (8.70%)



ผังการใช้ประโยชน์ที่ดิน













การแบ่งระยะการพัฒนา (Phasing Plan)

โรงเรียน

ประเสริฐธรรมวิทยา

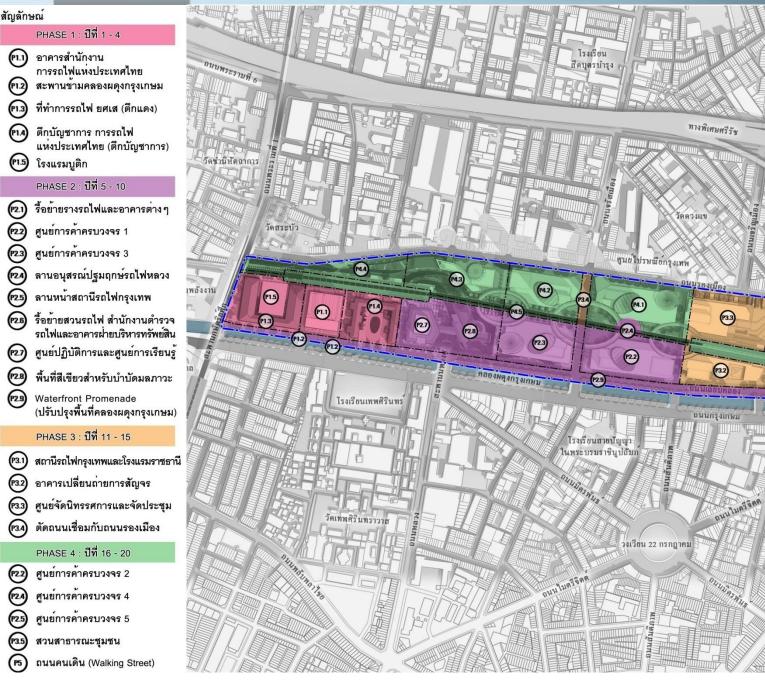
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วัดไครมิตรวิทยาราม

ถนนจารเมือง



Thank you for your attention