THE ROLE AND ACTIVITIES OF A CITIZEN COMMITTEE IN THE PROCESS OF BUS REFORM IN SEOUL

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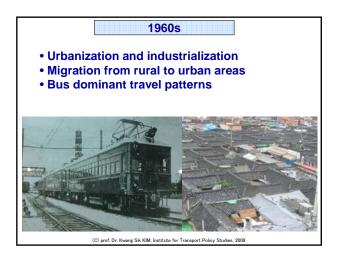
Venue: Institute for Transport Policy Studies, Tokyo Date: 18:00-20:00 Tuesday 11 March 2008

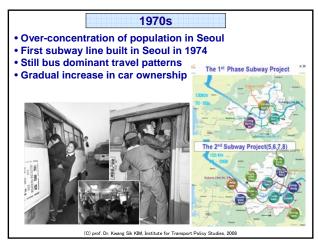
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Outline

- A Brief History of Public Transport
- Seoul Transport Indicator
- Bus Reform Overview
- Bus Reform Citizens Committee
- <u>A Brief Before-After Comparison</u>
- Performance Evaluation & Lessons









- Increase in subway passengers
- Decline in the number of bus passengers
- Car ownership (one million in 1985)
- Traffic impact assessment (TIA)
- Transportation system management (TSM)



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1990s

- Emerging sustainable development paradigm
- Severe air pollution due to traffic congestion
- Congestion charging system
- Car ownership (ten million in 1997)
- Eight subway lines (287 km) in Seoul completed

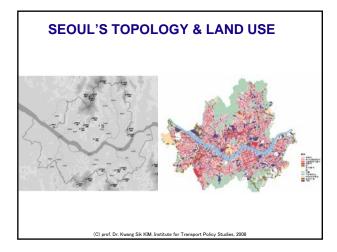


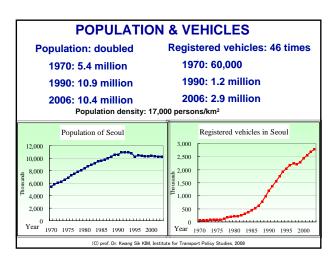
2000s

- Public awareness of pollution, congestion, accidents
- Sustainable transport paradigm emerged
- Bus reform project implemented in July 2004
- Bus rapid transit (BRT) system introduced
 CheongGyeCheon restoration completed on 1 Oct 2005
- The transport disadvantaged
- Transit-oriented development (TOD)





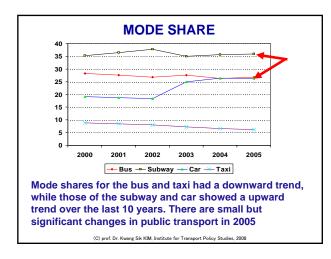




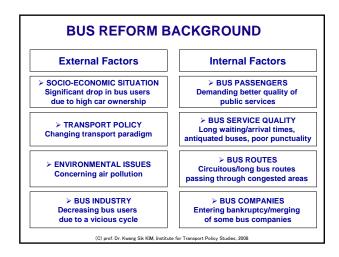
	1996	2006	Growth rate (%)
Population (1,000)	10,470	10,365	△ 1.0
Vehicular trips/day (1,000)	27,800	31,387	1.2
Vehicles (1,000) (Passenger cars)	2,168 (1,628)	2,857 (2,140)	2.8 (2.8)
Parking space (1,000)	1,225	2,808	8.6
	1996	2006	Growth rate (%)
Subway length (km)	219	287	2.7
Median bus lanes (km)	4.5	67.9	31.2
Bikeway length (km)	164	649	14.7

MODE SHARE							
	Bus	Subway	Bus + subway	Passenger car	Taxi	Others	
2000	28.3	35.3	63.6	19.1	8.8	8.5	
2001	27.6	36.5	64.1	18.7	8.4	8.8	
2002	26.8	37.8	64.6	18.4	8.0	9.0	
2003	27.6	35.0	62.6	25.0	7.3	5.1	
2004	26.3	35.7	62.0	26.4	6.6	5.0	
2005	26.8	35.9	62.7	26.3	6.2	4.9	











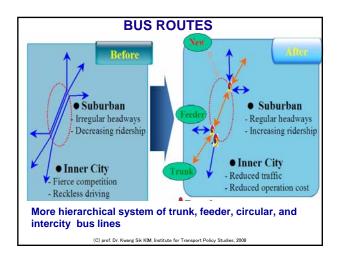
BUS REFORM BACKGROUND

 In addition, in August 2002, to settle transportation problems associated with a stream restoration project (called "Cheonggyechon") in the center of Seoul, there was a plan to construct an exclusive median bus lane in the northeastern part of the city.
 The Seoul Metropolitan Government attempted to influence the bus industry, shoppers along the road, and passenger car users through public hearings, presentations, and social meetings but had to abandon the plan due to their strong opposition.
 This failure led the SMG to search for a new structure of urban governance from the previous government-centered

approach.

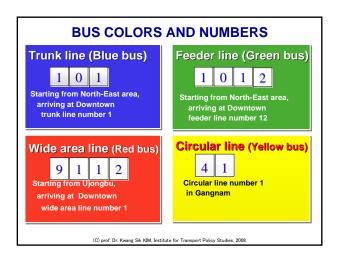
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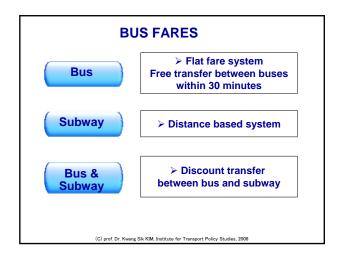
BUS REFORM TARGETS Bus Routes Trunk with feeders, New bus numbering/coloring **Bus Fares** Integrated fare system, Transfer discount Semi-Public Tendering system, Joint revenue allocation Operation **Bus Management** Bus information system System **Smart Card** Touch & Go, Pre-paid and post-paid card Median Bus Lanes Bus Rapid Transit (BRT) Quality buses, CNG buses, Facility Upgrade Transfer centers, Bus shelters

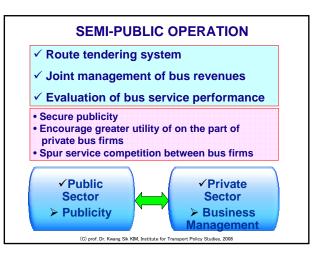


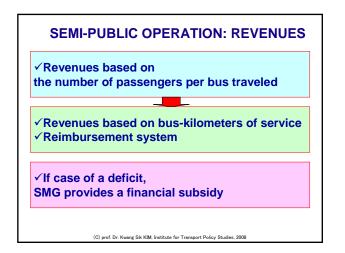


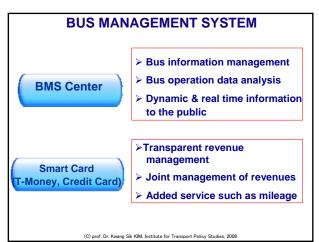


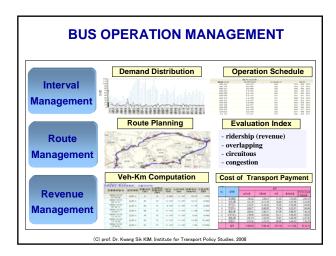


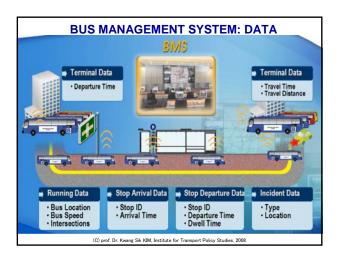


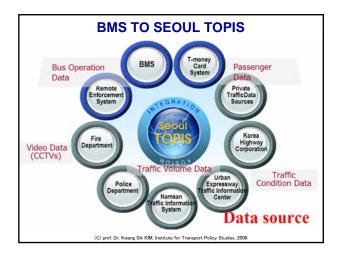


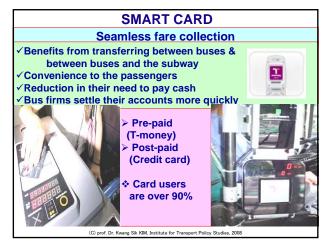


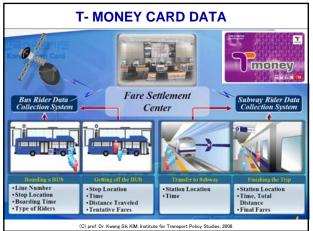




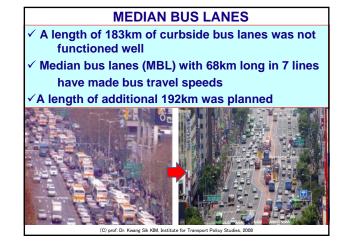


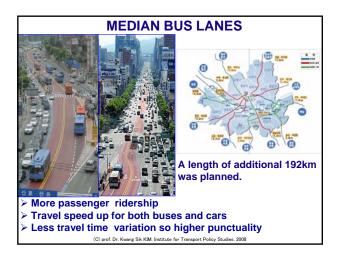






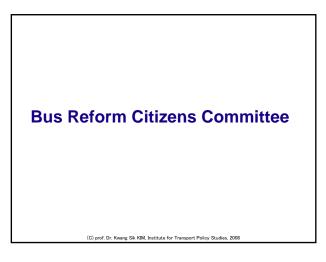








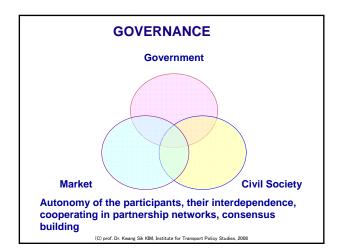




GOVERNANCE "Governance" as a process of breaking from the previous condition, where governments were centralized to promote a policy or project, to one in which a network is constructed by various actors such as the government, state, market, and civil society. The characteristic of governance is to respect the autonomy of the participants and understand their interdependence.

✓It is a co-governing system, settling socially complex issues by cooperating in partnership networks and coming to consensus by adjusting affairs.

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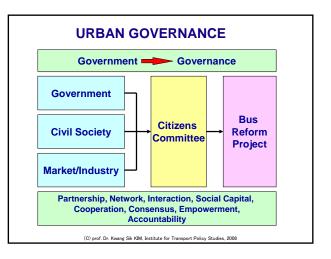


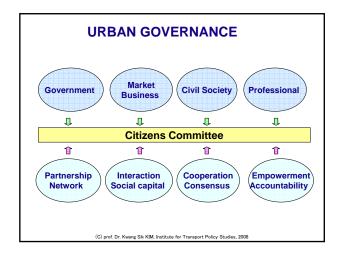


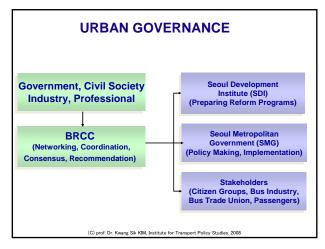
✓ Urban governance is a form of co-governing generated for a specific place such as the city.

✓It constructs a partnership and network among the stakeholders and settles complex urban issues by mutual cooperation and consensus.

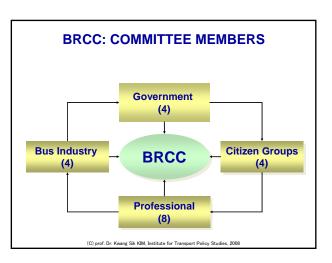
✓ Many complex and diverse urban issues can be solved by building up an urban governance structure with stakeholders having interdependence and participation, maintaining an even relationship with the formal urban government in order to cooperate, negotiate, and reach a consensus.









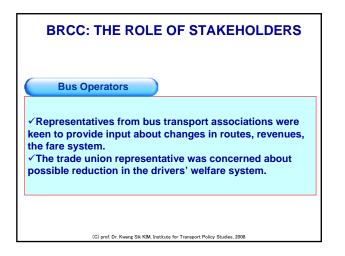


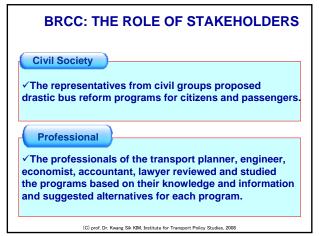
BR	CC: COMMITTEE MEMBERS	
Seoul	Seoul Metropolitan Government	1
Metropolitan Government	Seoul Police Agency	1
Government	Seoul Metropolitan Council	2
	Network for Green Transport	1
Citizen Groups	YMCA	1
	Green Consumers Network in Korea	1
	Citizens' Coalition for Economic Justice	1
	Seoul Bus Transport Association	2
Bus Industry	Seoul Community Bus Transport Association	1
	Seoul Bus Transport Trade Union	1
	Transport Professional	6
Professional	Accountant	1
	Lawyer	1
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SMG

✓The SMG drew up reform plans and executed
transportation policies.
✓The councilors checked subsidies and finance for
the bus reform.
✓The police were concerned about the traffic flow following
the reform.
✓The Seoul Development Institute (SDI) studied and
prepared the bus reform alternatives.
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- Bus reform agenda setting
- □ Draft plans for the bus reform
- Median bus lanes
- Curbside bus lanes
- Bus fare system
- Articulated buses/low floor buses/CNG buses
- Bus route reorganization
- Bus operating costs
- Bus shelters and transfer terminals
- Level of bus service quality

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BRCC: REFORM PROGRAMS REVIEWED

- □ New bus card system problems
- U Welfare of bus drivers
- Public relations related to bus reform
- □ The community bus operating system
- Joint management of revenues
- Cash fare revenues
- Bus advertisement revenues
- Bus service standards
- Bus users satisfaction monitoring

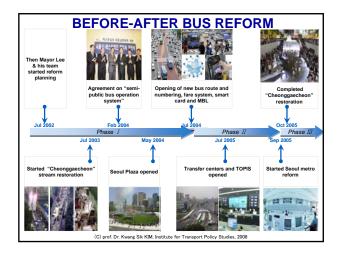
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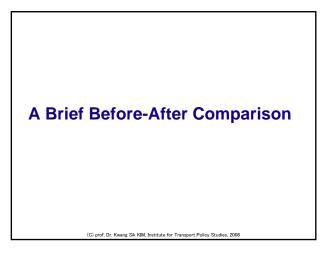
BRCC: CONFLICT MANAGEMENT

✓In case of severe conflict among the members, they were encouraged to discuss the matter and resubmit the controversial agendas again at the next meeting.

 \checkmark Through a series of formal and informal meetings, the BRCC reviewed the hot issues and resolved the conflicts, if any, and moved to the next steps.

✓ During this process, public hearings, presentations, workshops, and overseas trips were conducted.





	July 2003	July 2004	July 2005	Dec 2006
Bus Companies	57	69	69	68
Number of Bus Routes	365	457	413	397
Bus Routes/Company	6.5	6.6	6.0	5.8
Length/Bus Route (Km)	20.5	17.0	17.0	17.6
Operating Buses	7,311	7,561	7,584	7,469
Operating Buses/Route	19.9	16.6	18.4	18.8
Average Bus-Km Traveled/Day	291	269	259	252

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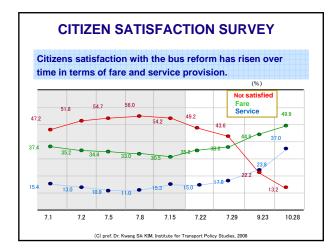
	Jul-Dec 2003	Jul-Dec 2004	Jul-Dec 2005	Jan-Jun 2006	
Average daily bus passengers (1,000 trips)	4,869	5,170	5,716	5,709	
Average daily subway passengers (1,000 trips)	4,438	4,539	4,516	4,635	
Average daily bus and subway passengers (1,000 trips)	9,307	9,709	10,232	10,344	

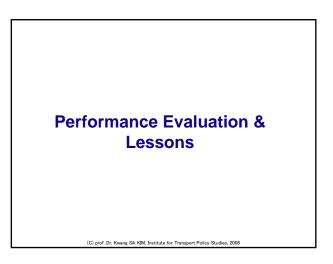
by 17.3% due to the free transfer system and demand responsive bus route changes.

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-	455,000 (\$495) 358,000 (\$390)	479,000 (\$520) 373,000 (\$405)	536,000 (\$580) 428,000 (\$470)
-			
-	97,000 (\$105)	106,000 (\$115)	108,000 (\$100)
35,316	304,932 (\$300)	367,010 (\$400)	340,957 (\$370)
-box re	evenue de	ecreased b	ecause
	nger r box ro ime of	nger numbers i box revenue de me of free tran	35,316 (\$300) (\$400) nger numbers increased box revenue decreased k box revenue decreased k ime of free transit was lar Kwag Sk KIM, Institute for Transport Policy Studies, 2008

		Jul-Dec 2003	Jul-Dec 2004	Jan-Jun 2005	Jan-Ju 2006
Citizen	Total (%)	-	45.6	69.0	84.1
satisfactio n	Bus (%)	-	-	58.9	85.5
(%)	Subway(%)	-	-	79.1	90.2
Citizen satisfactio n (10 scale)	Bus + subway	5.15	5.30	5.55	5.62
	Bus	4.75	4.85	5.64	5.68
	Subway	5.99	6.08	6.29	6.31
	Taxi	4.72	4.96	4.72	4.87





PARTNERSHIP & NETWORKING

✓ BRCC was the connector of communicative networks for various stakeholders to reflect their interests through partnership and networking.

✓The Committee conducted itself as a partnership by discussing, arbitrating, and conferring over the agendas to achieve the goal of bus reform.

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INTERACTION & SOCIAL CAPITAL

✓Through their interactions during the formal and informal meetings, BRCC members came to understand each other's values, preferences, interests, and ideas.

✓In the event of excessive conflicts and arguments, both the citizen and professional groups in BRCC played the role of arbiter by embossing the points of issue at formal meetings.

✓Through informal meetings, the Committee tried to create reliable relationships to form social capital or trust among the members.

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COOPERATION & CONSENSUS

Throughout the bus reform process, many conflicts occurred among the committee members.

✓ Members from SMG and the bus operators had acute confrontations about the bus route reorganizations, integrated fare system of bus and subway, level of bus operating costs, new card system, and joint management of revenues.

✓When the conflicts were not settled, sub-committees consisting of members were organized and persuaded to bargain and drew out a consensus.

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EMPOWERMENT & ACCOUNTABILITY

✓ The Committee did not have any legal authority, but did have the authority to determine and operate independently in terms of meeting agendas and final decisions.

✓The meeting process was used first to get explanations of the agendas for bus system reform from the related departments.

✓For agendas which were important and sensitive – politically or financially -- to the SMG, the BRCC submitted to SMG because ultimate empowerment and accountability for the reform still remains in the hands of the SMG.

LESSONS

✓In spite of the trials and errors, the BRCC has been a leader in obtaining positive evaluations by bus users.

✓The cooperation and consensus by participants and stakeholders through 40 formal and informal meetings has contributed to making a good agenda for the reform.

✓The Committee has promptly dealt with many complaints and dissatisfactions from bus users at the beginning of implementation of the new system change.

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LESSONS

 \checkmark But weak points of the Committee were revealed during the implementation stage.

✓It took a lot of time to settle conflicts between the Seoul Metropolitan Government and the bus companies over the bus routes and revenue system changes in particular.

✓ These were cases of increases in the transaction costs due to different interests and conflicts between stakeholders.

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