

CURITIBA

THE CHALLENGE OF SUSTAINABLE DEVELOPMENT

Teresa Cristina R. Torres
Architect and Urban Planner



Institute for Research and Urban Planning of Curitiba



LOCATION

DATE OF FOUNDATION 1693

AREA

CURITIBA.....432 sq.km

METROPOLITAN REGION

26 MUNICIPALITIES.....15,600 sq.km

POPULATION (2000)

CURITIBA.....1,600,000

METROPOLITAN AREA.....1,200,000

TOTAL.....2,800,000

GROWTH RATES

70/80.....5.34%

80/91.....2.29%

91/96.....2.34%

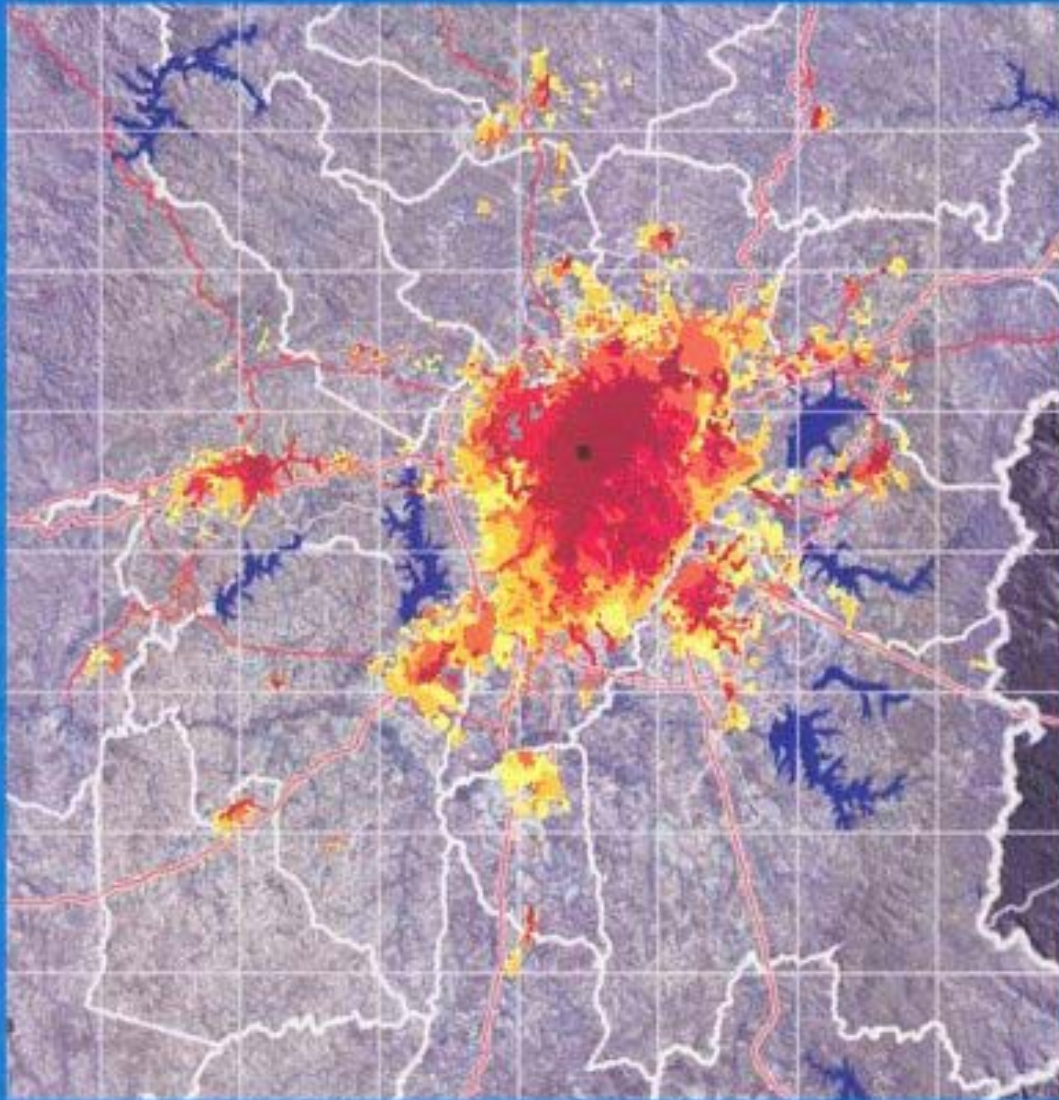
ANNUAL BUDGET (2004)

US\$ 750 MILLION

US\$ 470 / inhab.



URBAN GROWTH



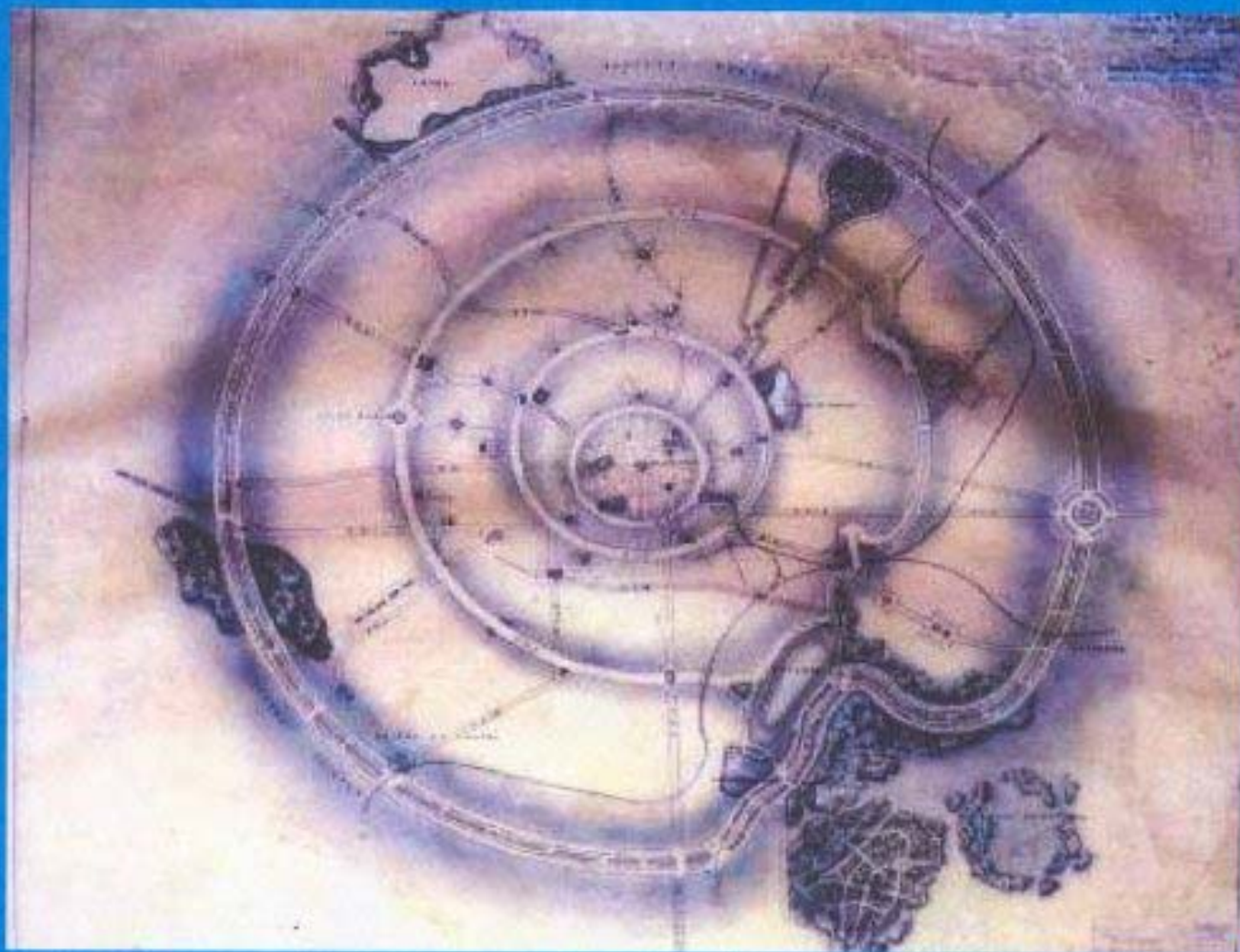
CURITIBA AND METROPOLITAN REGION

YEAR	POPULATION
1955	350,000
1965	455,000
1975	940,000
1985	1,560,000
2000	2,800,000

PLANNING PROCESS

AGACHE MASTER PLAN – 1943

Population 130,000



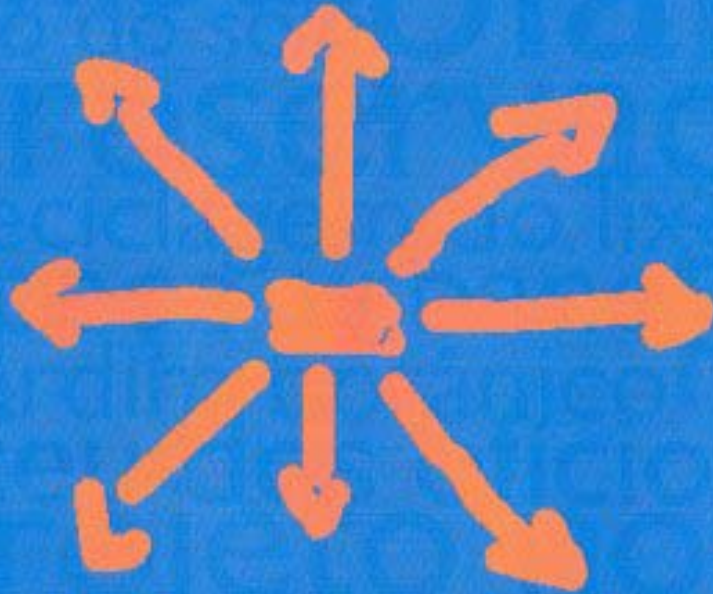
- Specialized zones

- Avenues

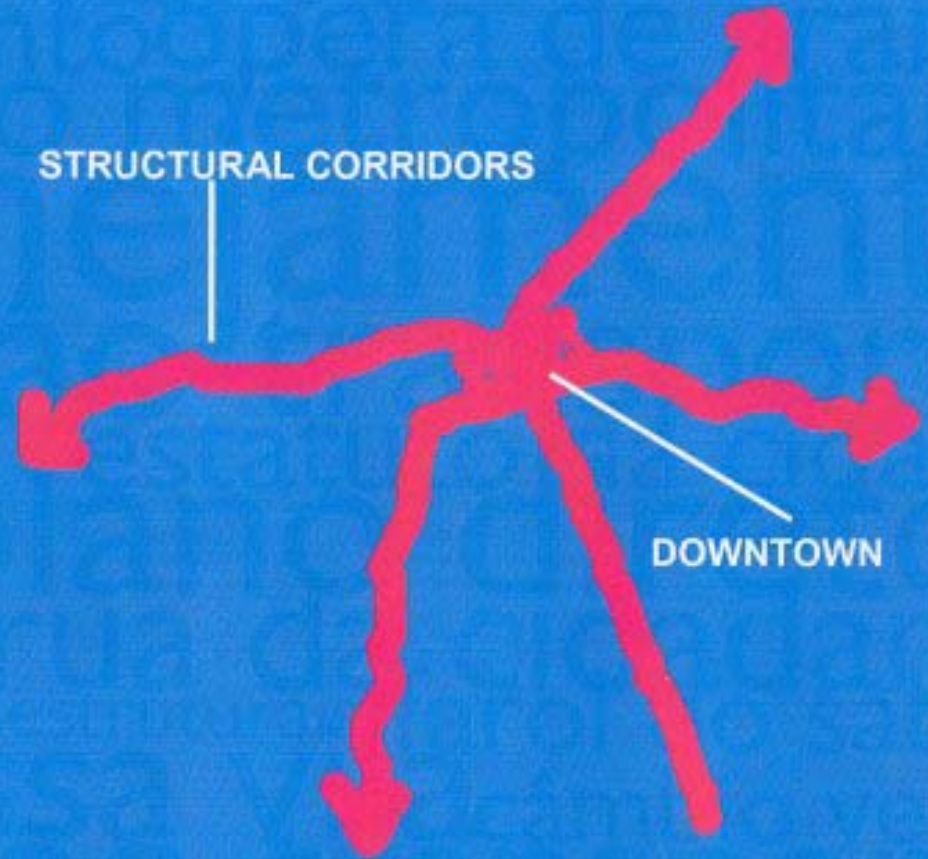
MASTER PLAN 1966

Population 490,000

Changing growth patterns



RADIAL GROWTH

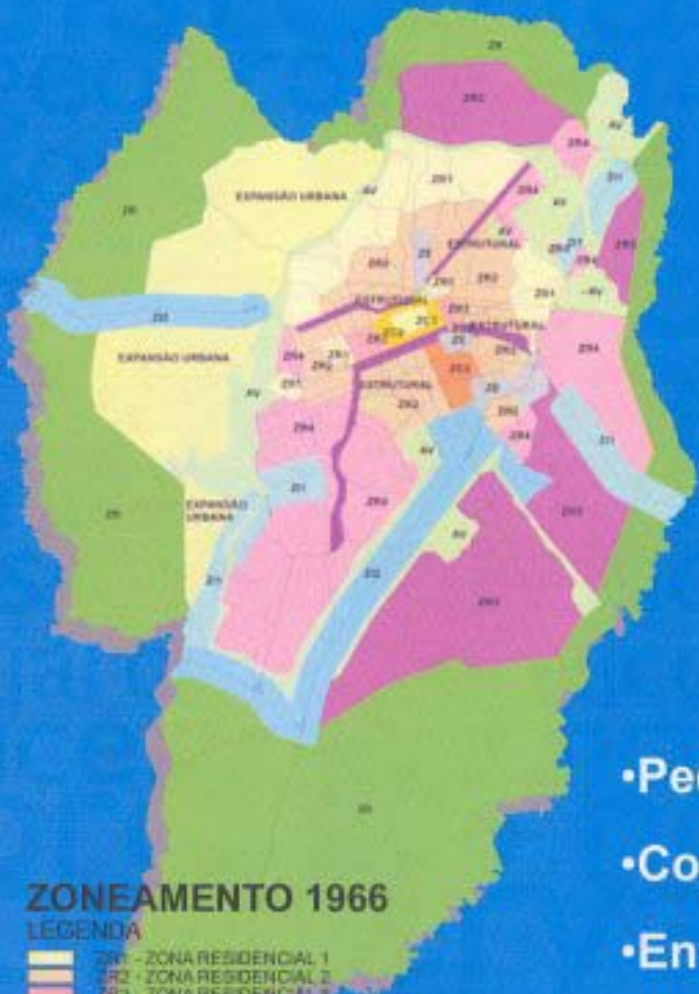


STRUCTURAL CORRIDORS

DOWNTOWN

LINEAR GROWTH

MASTER PLAN - 1966

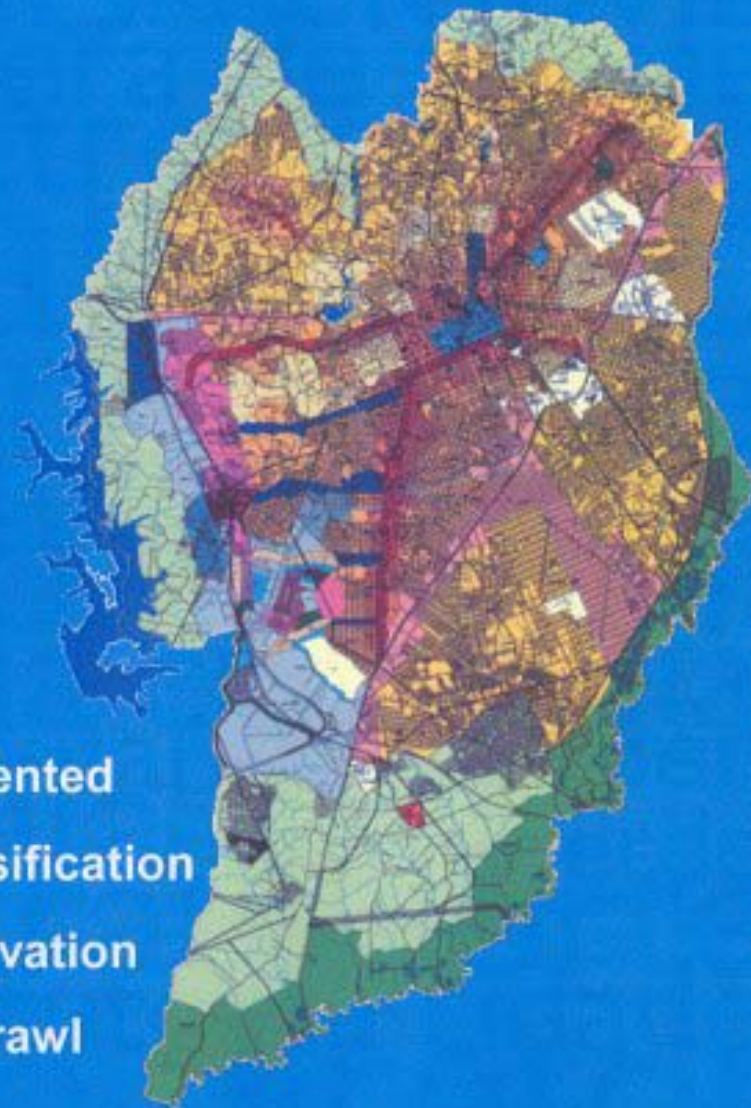


ZONEAMENTO 1966

LEGENDA

- ZR1 - ZONA RESIDENCIAL 1
- ZR2 - ZONA RESIDENCIAL 2
- ZR3 - ZONA RESIDENCIAL 3
- ZR4 - ZONA RESIDENCIAL 4
- ZR5 - ZONA RESIDENCIAL 5
- ZC1 - ZONA COMERCIAL 1
- ZC2 - ZONA COMERCIAL 2
- ZC3 - ZONA COMERCIAL 3
- ZI1 - ZONA INDUSTRIAL 1
- ZI2 - ZONA INDUSTRIAL 2
- ZE - ZONA ESPECIAL
- AV - ÁREA VERDE
- EXPANSÃO URBANA
- ZR - ZONA RURAL
- VIA PRINCIPAL
- VIA SECUNDARIA

LAND USE PLAN - 1975



- Pedestrian/transit-oriented
- Compact form / intensification
- Environmental preservation
- Combatting urban sprawl
- IPPUC's creation
(Implementation and revisions)

NEW LAND USE PLAN – 2000

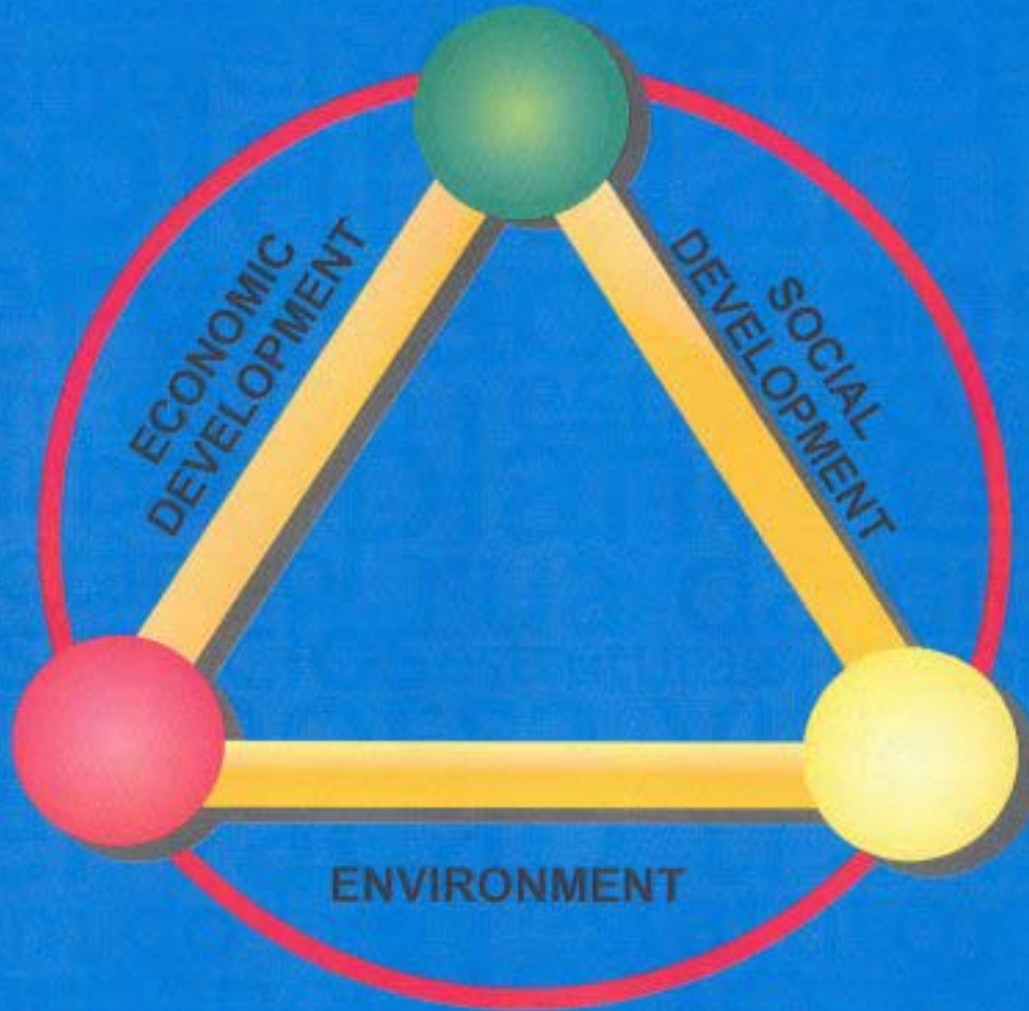
Population

City: 1,800,000

Metropolitan Area: 2,800,000

- **Comprehensive vision**
- **Quality of life**
- **Metropolitan connections / regional perspective**
- **Job opportunities**
- **Environmental preservation**
- **Taking advantage of existing infrastructure**

LAND USE



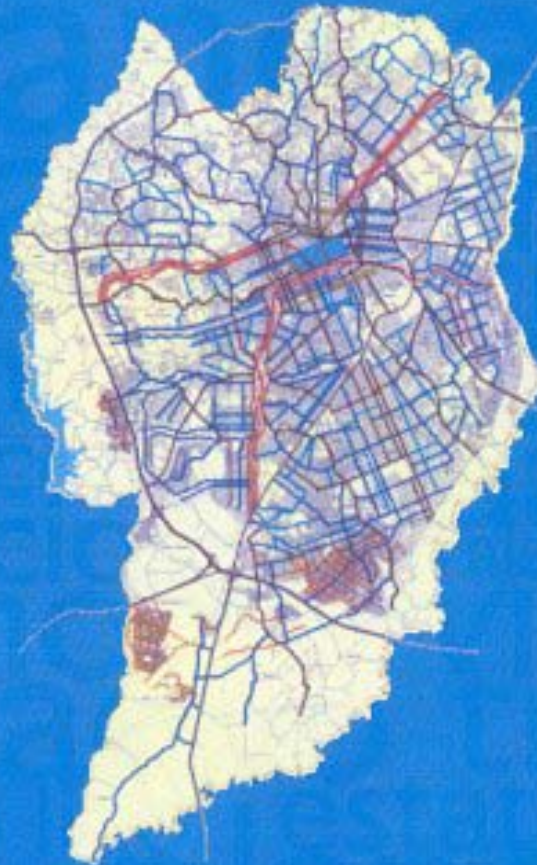
**ROAD
SYSTEM**

**PUBLIC
TRANSIT**

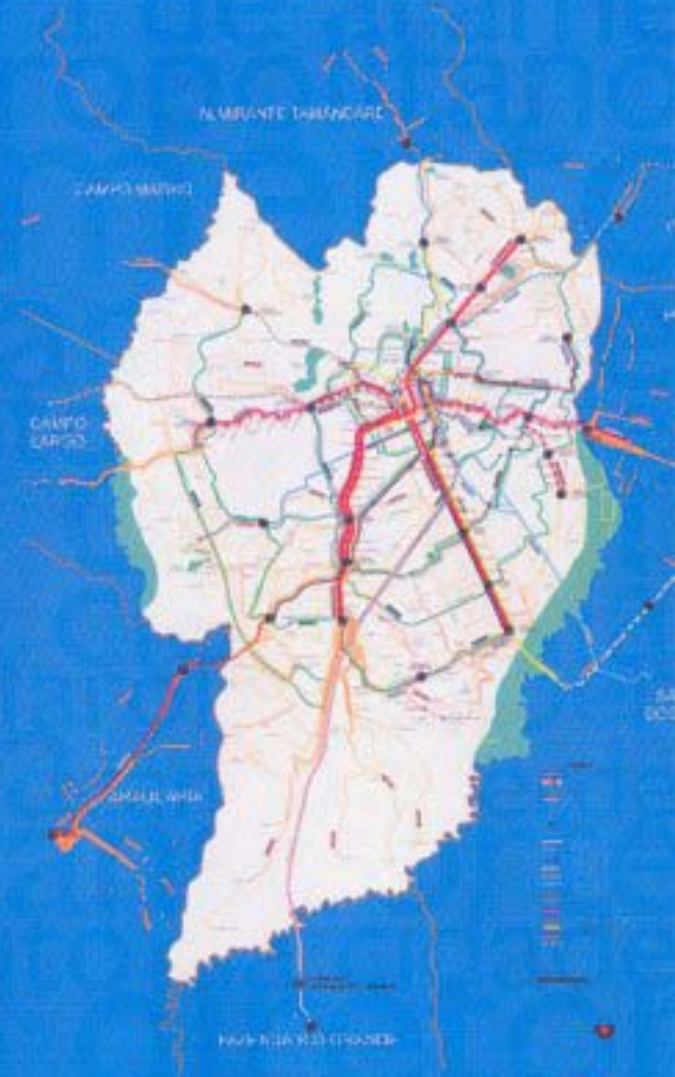
LAND USE



ROAD SYSTEM



PUBLIC TRANSIT



LEGENDA