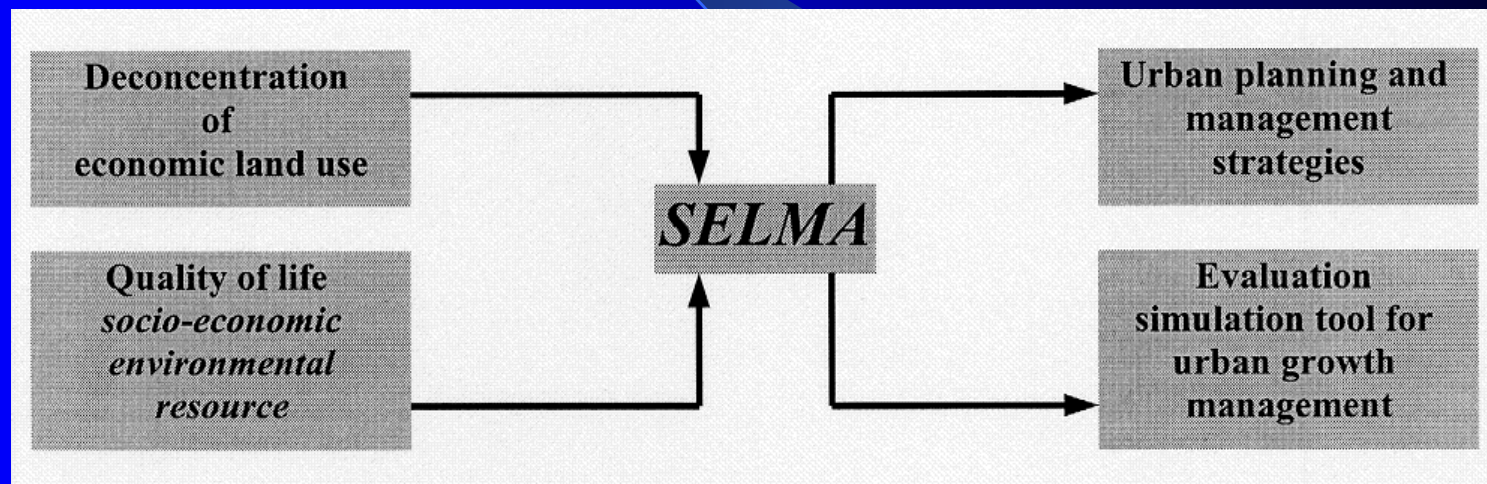# Frans M. Dieleman
Professor of Urban Geography
Coordinator SELMA
Faculty of GEO Sciences
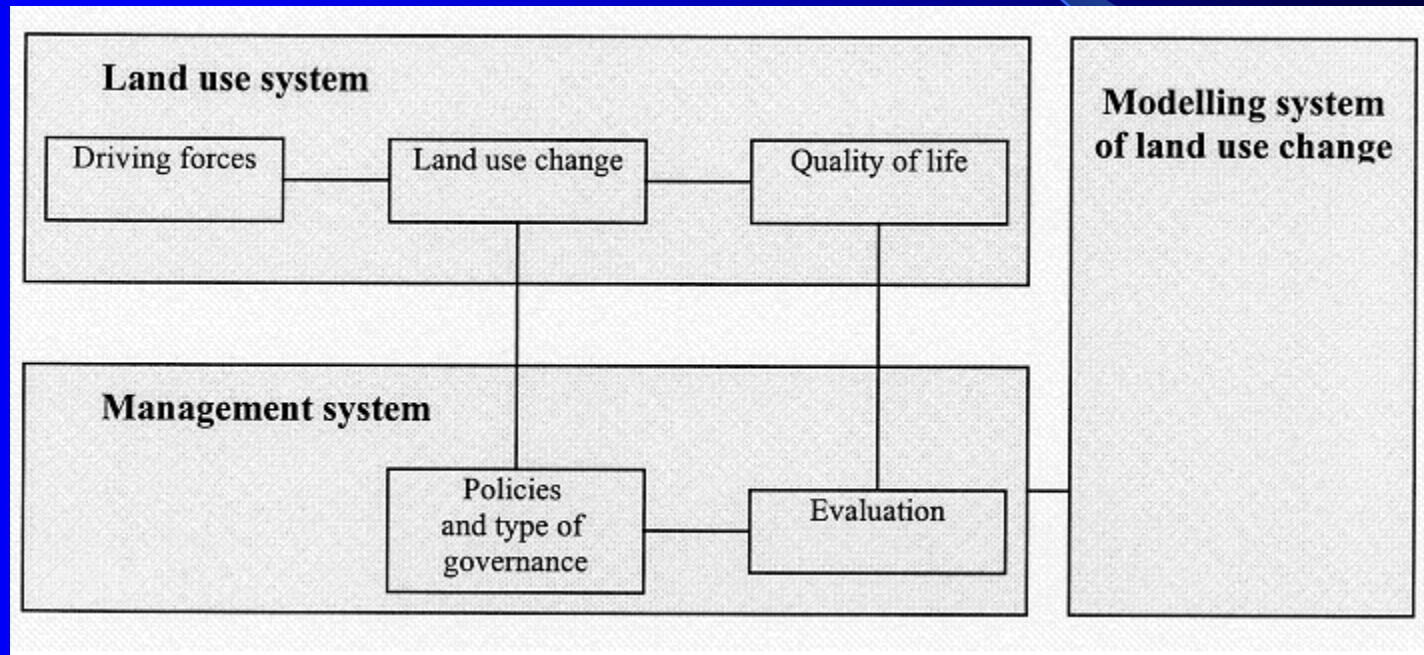## Utrecht University

SELMA

Spatial Deconcentration of Economic Land Use and Quality of Life in European Metropolitan Areas

1 december 2002 - 1 december 2005
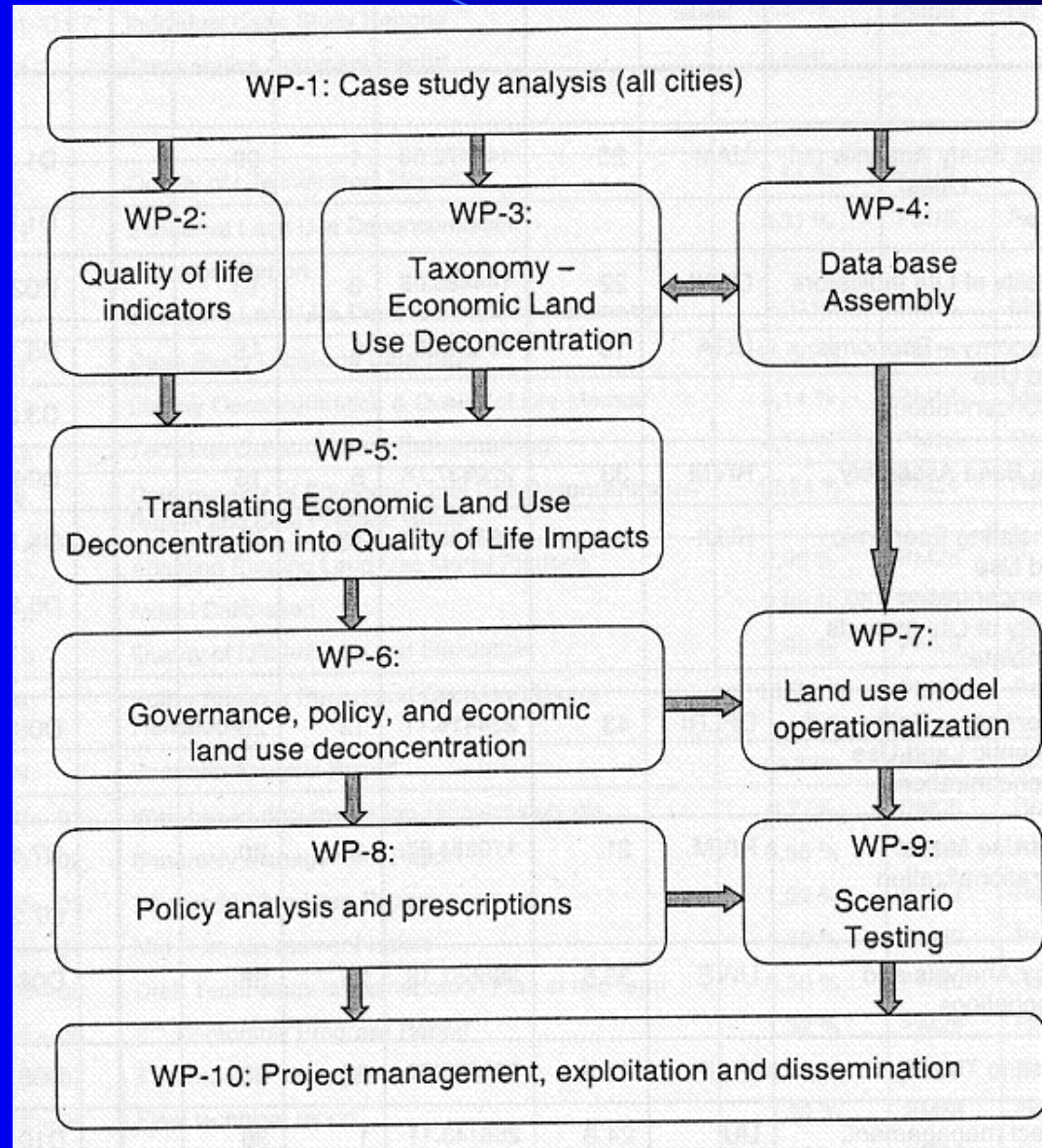
The Two Core Systems of the SELMA Approach

Land use system

| Driving forces | Land use change | Quality of life |

Management system

| Policies and type of governance | Evaluation |

Modelling system of land use change

Task flow diagram

Quality of Life Indicators

	Indicator	Available years
General/ contextual indicators	Population density	1990-2000
	Population change	1990-2000
	Population	1999-2000
	Employees	1991-2000
	Average wage and income	1989-2000
Transport	Modal split	1990-2000
	Congestion	1995
Environmental	Air quality	1990-2000
	Dwellings with exposure at façade	2002
Land use	Ratio built-up area/total area	1989-2000
Commuting	Average daily travel time	1995
	Average commute distance to work	1995
Residential	Average house price	1995-2000
	Blighted or substandard units	1990-2000
Accessibility	Percentage of residences within 1 and 15 km radii of a zone	1996-2000/2002
Fiscal	Expenditure per capita by local authority	2000
	Business taxes	2000

Obstacles

- WP 1 Definitions/data

- WP 4/5 Economic Deconcentration – Quality of Life

- Urban Sim

- Academic world – World of potential users of SELMA work