



Delta Interventions Studio MSc 3/4 Urbanism & Architecture Department of Urbanism

2016 — 2017

Mexico City Basin: Resilience by Design Designing for uncertain (delta)-landscape futures

How to decrease inter-basin water-transfer by enhancing Mexico City's own potable water sources. San Nicolas Totolapan / Heroes de Padierna, Mexico City

Abraham Berumen 4498348



Delta Interventions Studio MSc 3/4 Urbanism & Architecture Department of Urbanism

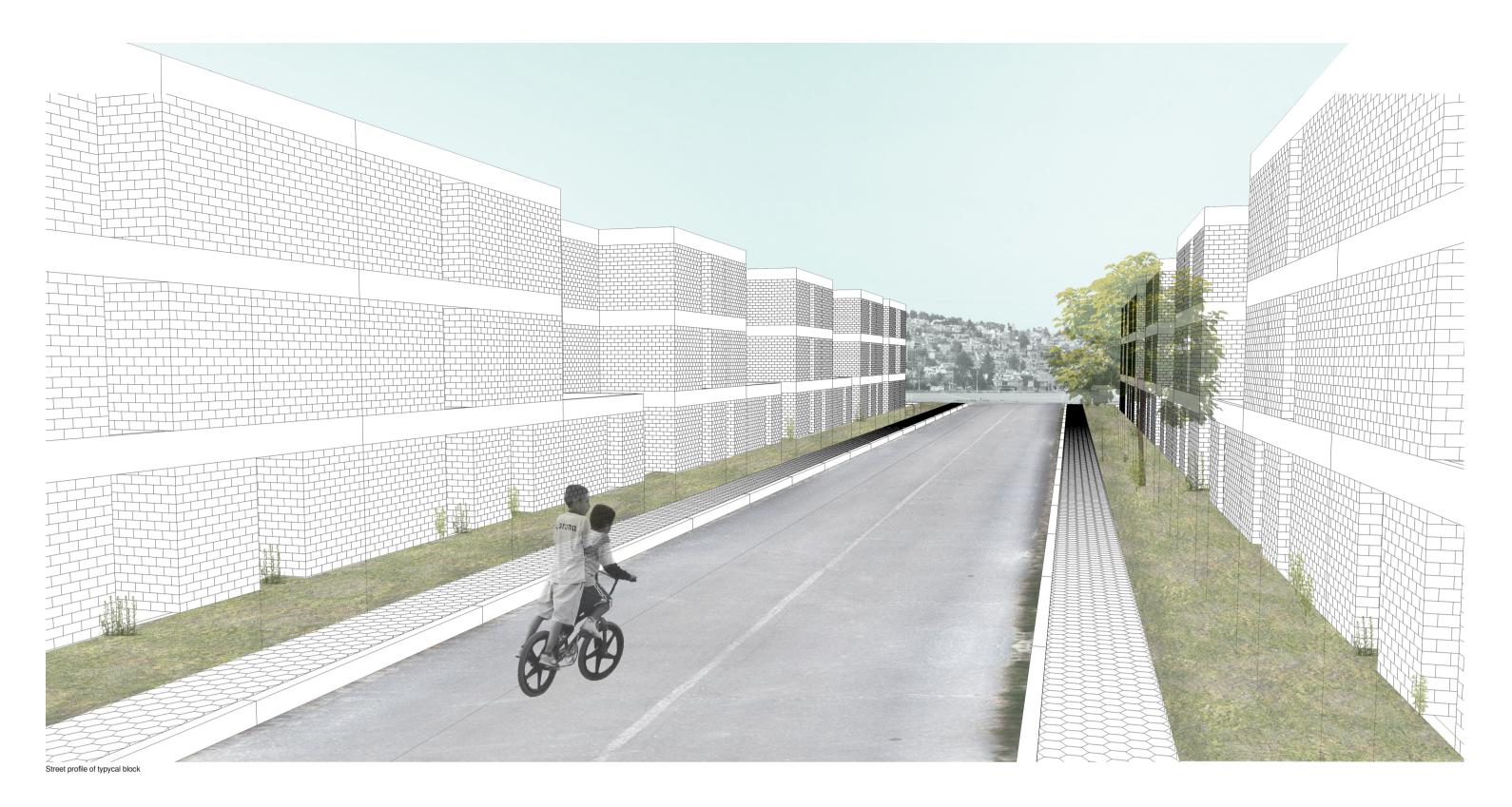
2016 — 2017

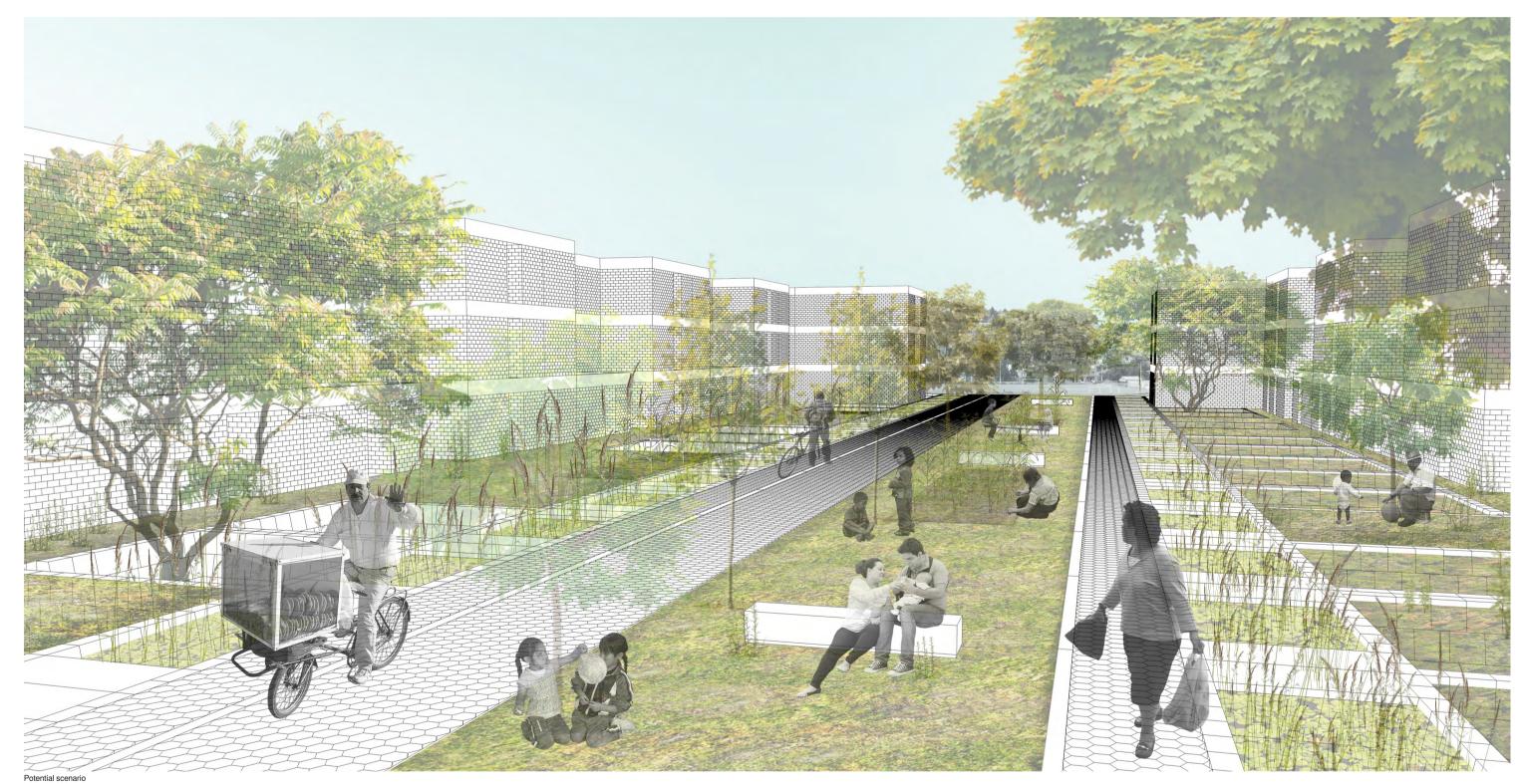
Mexico City Basin: Resilience by Design
Designing for uncertain (delta)-landscape futures

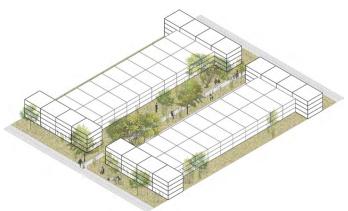
How to decrease inter-basin water-transfer

by enhancing Mexico City's own potable water sources. San Nicolas Totolapan / Heroes de Padierna, Mexico City

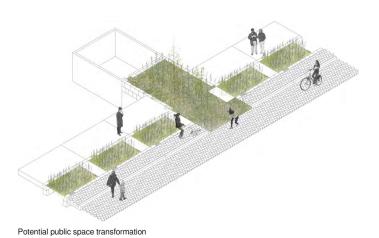
Abraham Berumen 4498348







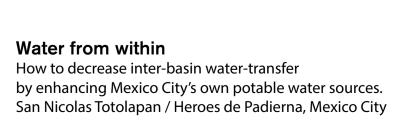
Potential block transformation



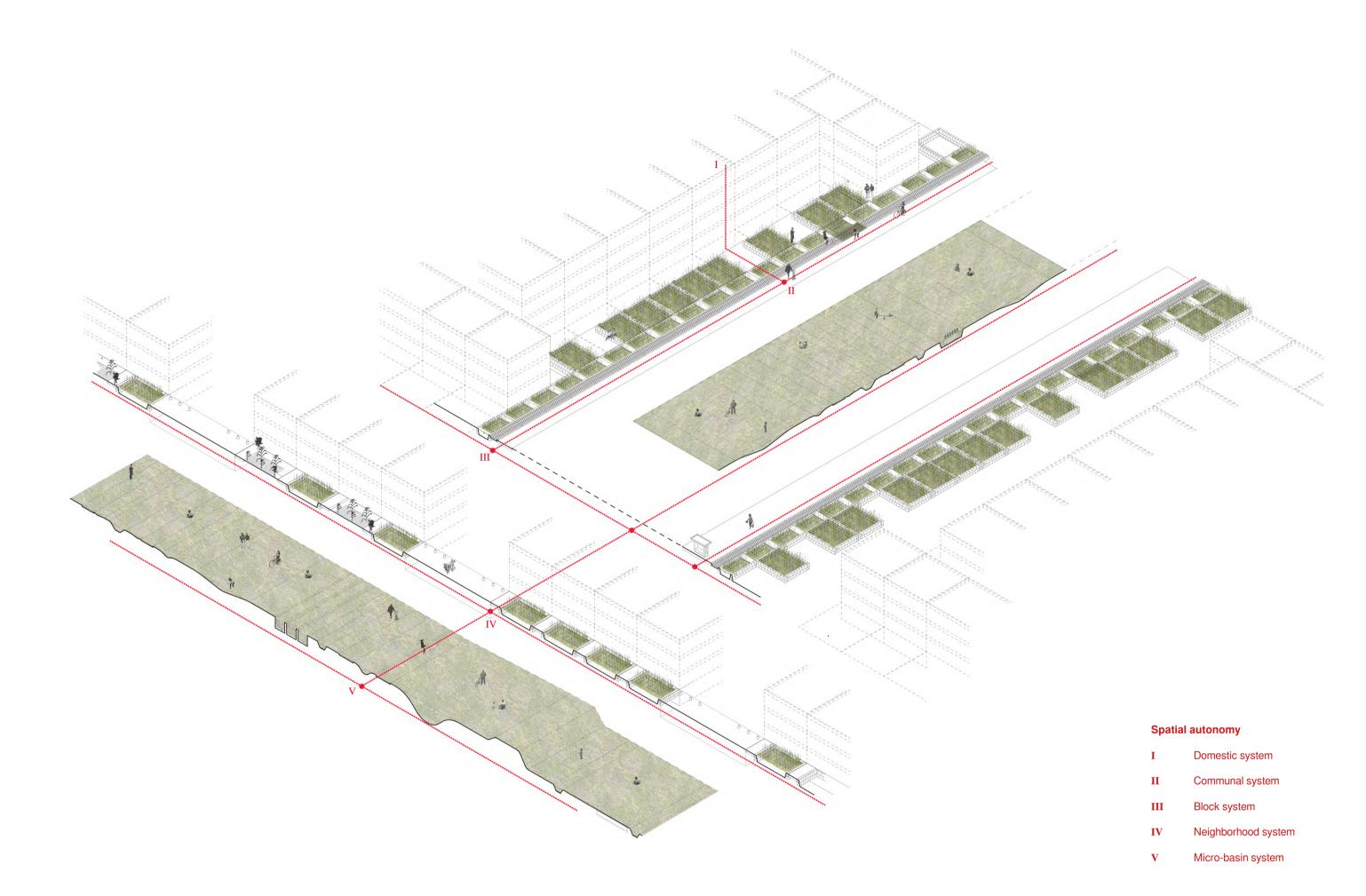
Delta Interventions Studio
MSc 3/4 Urbanism & Architecture
Department of Urbanism

2016 — 2017

Mexico City Basin: Resilience by Design
Designing for uncertain (delta)-landscape futures



Abraham Berumen 4498348





Delta Interventions StudioMSc 3/4 Urbanism & Architecture
Department of Urbanism

2016 — 2017

Mexico City Basin: Resilience by Design
Designing for uncertain (delta)-landscape futures

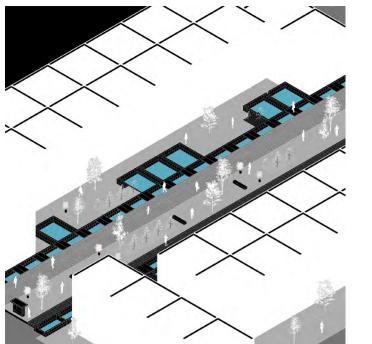
Water from within

How to decrease inter-basin water-transfer
by enhancing Mexico City's own potable water sources.

San Nicolas Totolapan / Heroes de Padierna, Mexico City

Abraham Berumen 4498348



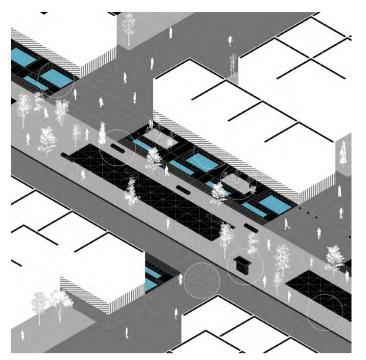


WATER TREATMENT INFRASTRUCTURE

Housing regen.

strategy

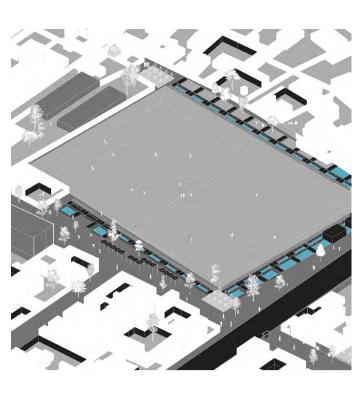
Poor solid waste

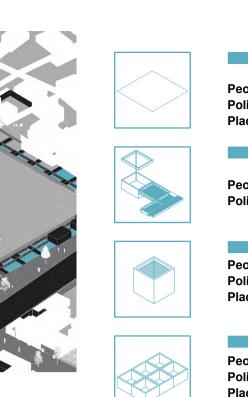


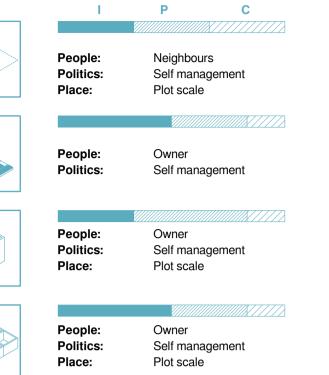
COOPERATIVE HOUSING SCHEME

Constraints

Enablers



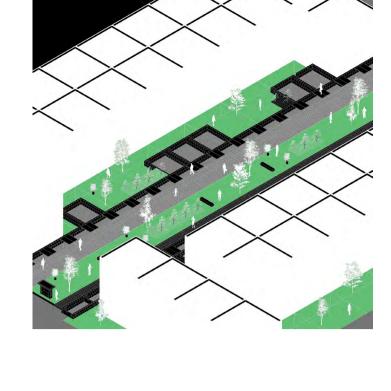




Neighbours

Plot scale

Self management

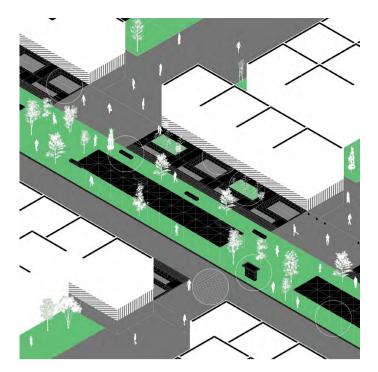


LOCAL FOOD PRODUCTION

Enablers

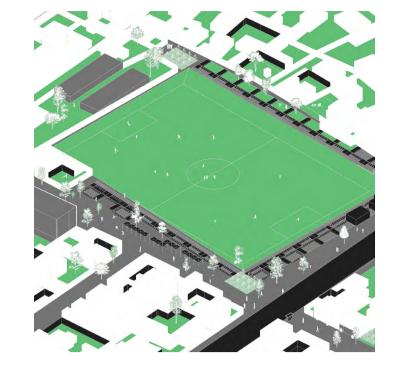
Health and Food

production strategy

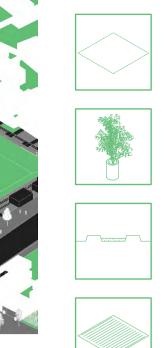


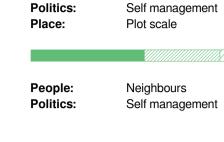
RENATURALIZE URBAN PERIPHERY

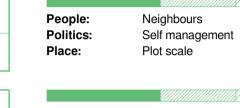
Enablers



DECREASE URBAN SPRAWL









Neighbours **Politics:** Self management Place: Plot scale

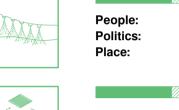
Self management

Plot scale

Neighbours

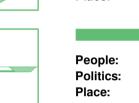


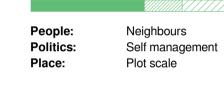
Self management Plot scale Neighbours

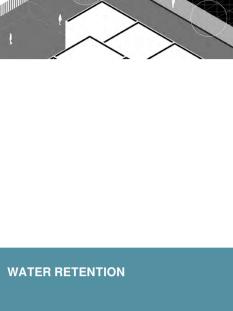


Neighbours Politics: Self management Plot scale

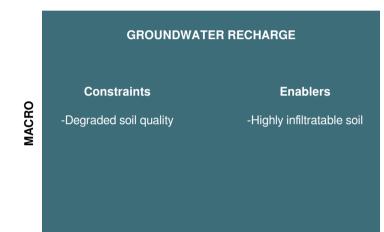


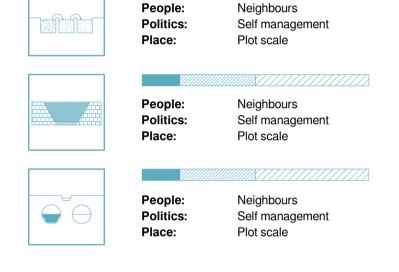












People:

Politics:

Politics:

Politics:

Politics:

Place:

People:

Politics:

Place:

Politics:

Politics:

Politics:

Place:

Neighbours

Plot scale

Neighbours

Neighbours

Plot scale

Self management

Self management

Self management

Self management

Self management

Self management

Plot scale

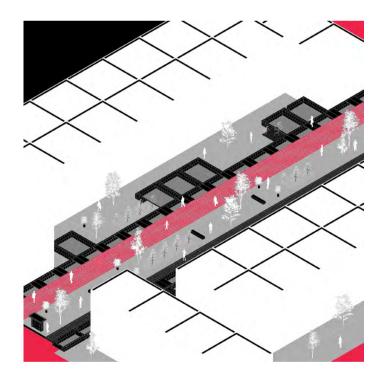
Self management

Self management

Politics:



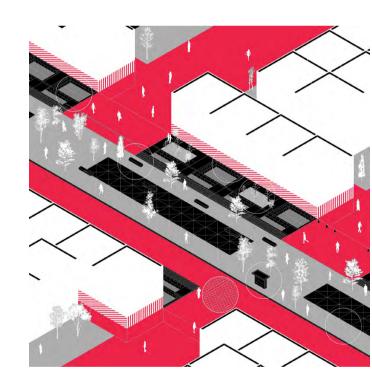
Public space and services strategy



PUBLIC SPACE REGENERATION

Constraints

ow maintainance budget

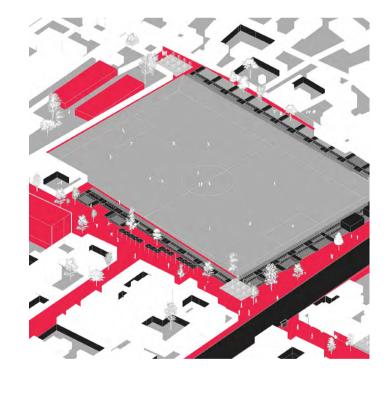


DECENTRALIZATION OF PUBLIC SERVICES

Enablers

-Abundant informal services

Constraints



CREATION OF STRONG LOCAL ECONOMY

-Large scale monopolies

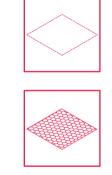
Enablers

-Distance is favorable

How to decrease inter-basin water-transfer

by enhancing Mexico City's own potable water sources.

San Nicolas Totolapan / Heroes de Padierna, Mexico City

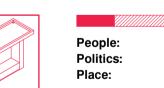


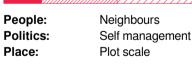




Neighbours Self management Plot scale

Neighbours Politics: Self management Plot scale





Politics: Place:	Self management Plot scale		
People:	Neighbours		



)	People: Politics: Place:	Neighbours Self management Plot scale

	People:	Neighbours			
	Politics:	Self managemer			
'	Place:	Plot scale			

		\mathbb{Z}
= 1		
114	People:	
	Politics:	
	Disease	

Neighbours Self management Plot scale



Delta Interventions Studio MSc 3/4 Urbanism & Architecture Department of Urbanism

Enablers

-High demand

2016 - 2017

Designing for uncertain (delta)-landscape futures



Delta Interventions Studio MSc 3/4 Urbanism & Architecture Department of Urbanism

2016 - 2017Mexico City Basin: Resilience by Design Designing for uncertain (delta)-landscape futures

Water from within How to decrease inter-basin water-transfer

REDISTRIBUTION OF URBAN DENSITY

Constraints

by enhancing Mexico City's own potable water sources. San Nicolas Totolapan / Heroes de Padierna, Mexico City

Enablers

ing programs

-Pressure from federal fu

Abraham Berumen 4498348

Water from within