

The logo for ISOCARP 2015 is a black square with the acronym 'ISOCARP' in a circular arrangement around the year '2015'.

ISOCARP
2015

The background of the slide is a detailed white line-art architectural drawing of a city, showing buildings, streets, and green spaces. It is set against a solid blue background.

Cities save the world.
Let's reinvent planning.

Maarten Hajer

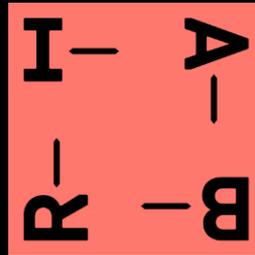
Professor of Urban Futures at Utrecht University

Chief Curator International Architecture Biennale Rotterdam 2016.

Former professor of Public Policy at the University of Amsterdam and Director of Netherlands Environmental Assessment Agency

The Next Economy

Rethinking the Role of Design



@maartenhajer

@iabr











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Urban Imaginaries

I.



Modern functional City
as
a 'socio-technical configuration'





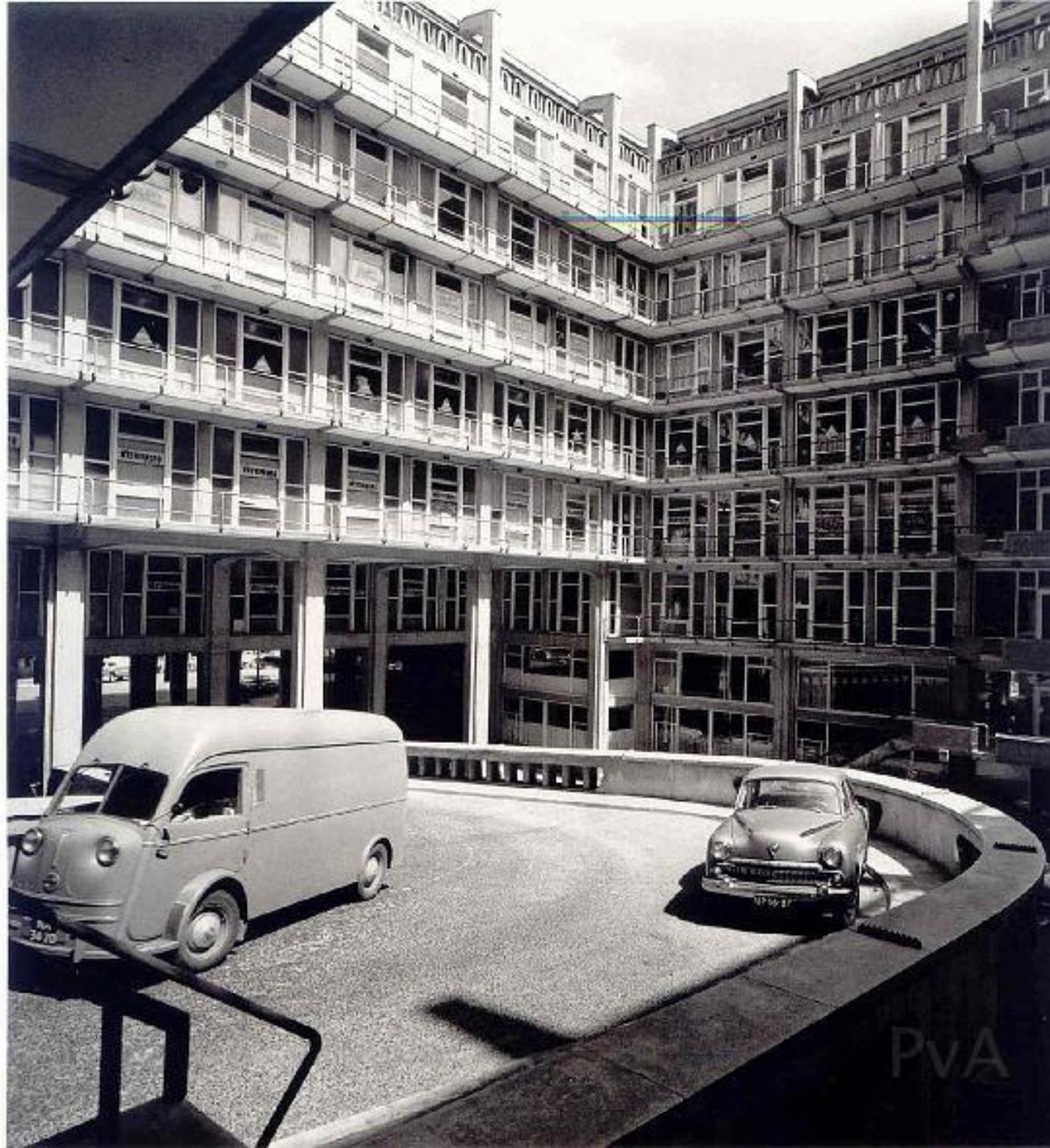
**I
HAVE SEEN
THE
FUTURE**



The modern city

1. An **industrial** orientation
 - General Motors launched *Futurama* in 1939
2. A strict set of **design principles** to make it work
 - Functional separation of work, mobility, dwelling, recreation
3. Backed up by a shared value set of **individual growth**
 - Aspiration of suburban lifestyles, consumerism
4. Technological **optimism**
 - Nuclear energy: ‘too cheap to meter’, no env. awareness





PVA

Lijnbaan









Automotive, generic solutions, expert led,
fossil-based, agnostic to urban metabolisms,
politically corrupt ...



















'Disfunctional agglomeration'



Piketty City

- Metropole as 'archipelago of enclaves' (Hajer & Reijndorp 2001)
- Endless urbanisation to get away from the 'poor' rather than developing cities that come to terms with urbanity
- African blue collar worker spending 40% of income on transport
- Offshoring of wealth, erosion of the state

Urban Imaginaries

II.



**SMART
— ABOUT —
CITIES**

**Visualizing the Challenges
for 21st Century Urbanism**
Maarten Hajer en Ton Dassen

naio publishers /
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CENTRO DE OPERAÇÕES PREFEITURA DO RIO



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crime by 35%.

Smarter grids cut
peak energy loads in
the Pacific Northwest
by 15%.

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APR California 2015
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DMV.CS.D00V

RX 450h

Google™

self-driving car

TECHNOLOGY

Google to Test Bubble-Shaped Self-Driving Cars in Silicon Valley

By CONOR DOUGHERTY and AARON M. KESSLER MAY 15, 2015



A prototype of Google's self-driving car. Tony Avelar/Associated Press



 Email

SAN FRANCISCO — The world is one step closer to the day when people can, in good conscience, drive to work while sipping coffee, texting with a friend and working on a laptop computer.



Vijay Pattni 24 September 2014

Fear Mercedes' self-driving truck

Merc reveals a concept lorry for the future, able to drive autonomously. Be afraid



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By Alex Robbins

6:00AM BST 18 Apr 2015

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The Economist

APRIL 20TH-26TH 2013

Economist.com

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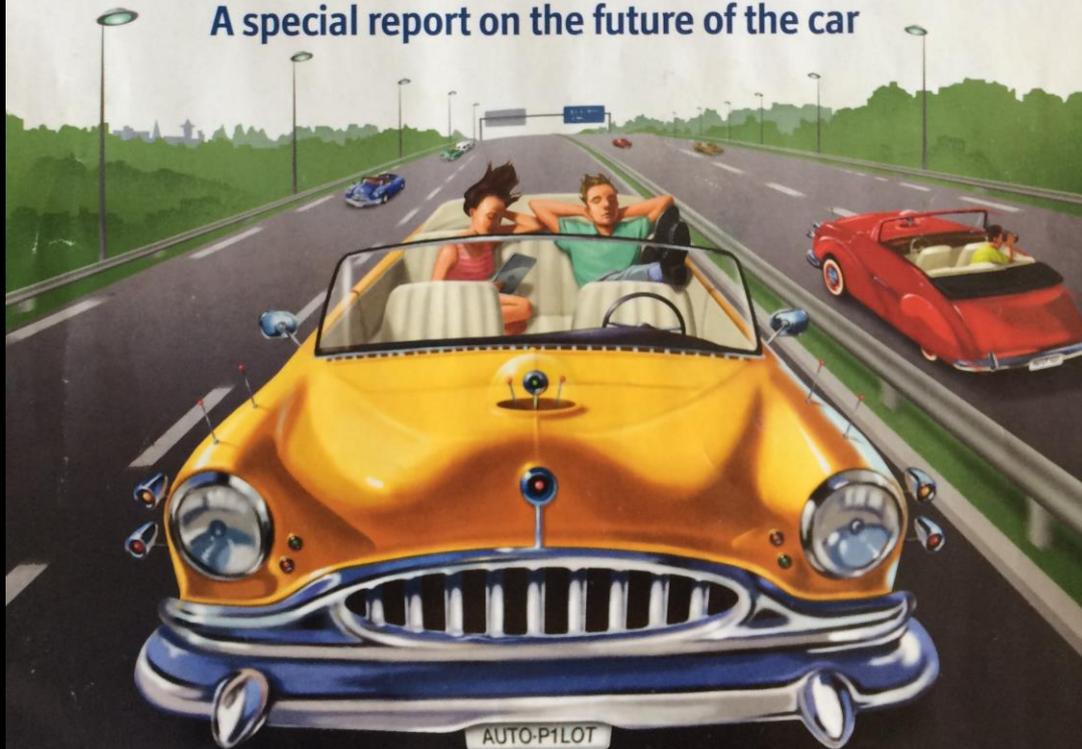
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Captivated?

Big Data

Smart technologies

3D printing

Domotica

Platform capitalism

Making the existing more
efficient is not the answer

The 21st Century City

1. A smart tech orientation
 - ICT corporations behind *smart cities*
2. No clear set of design principles to make it work
 - Modern, functional separation no longer works
 - Global development, Connectivity
3. A growing inequality, but a widespread politics of 'aspirations'
 - New urban lifestyles, intercontinental migration, informal cities here to stay
4. A global world disorder, a collapse of mass party politics
5. Technological optimism / environmental pessimism
 - 'The driverless vehicle is on its way'
 - A 4-degree world

Urban Imaginaries

III.

21st Century Imaginaries

- CO2
 - Clean City
- Separation of functions
 - New combinations
- Social Inequality
 - Shared public spaces
- Diploma education
 - Urban turn in education
- Innovation via science
 - Innovation through social interaction

The Extractive Economy

versus

The Economy of the Local Value
added

Urban politics starts with
capturing the imagination

We need new, enabling Urban
Imaginaries

- “cash-machine deserts” vs “mobile-based financial services”
- Traditional banks versus mobile money



'iShack'



'iShack': Off grid development in Capetown



Enkanini, Capetown



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SPECIALIZED SOLAR SYSTEMS

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Load 6.2A

BATTERY
12.0 BAD / 12.4 MEDIUM / 12.7 GOOD

MODEL NO. 1308

HUB OPERATOR NO. _____

NO CASH ALLOWED

DAVID NO: 073 009 6291

NAME	SHACK	DROP	INSTALLER	SWEEP	PIC	COMMENTS
zi Matholentaka	C233	✓	Victor/Amake			Available
Pondo	B400	✓	Daniel/Pumhani	✓	✓	Client needs to sign handover, plug box & TV not installed
Nava	I63	✓	Victor/Amake	✓	✓	key under the matt
abinzana	D108	✓				key under the Matt
Sigoko	B273	✓	Daniel/Pumhani	✓	✓	Needs to sign client handover
Kiso	F184	✓	Victor/Amake			
Nomitwo	G134	✓				Available
Hlohla	G50	✓				Available
Mobantoa	I115	✓				Client has a roof asbestos will change it tomorrow
Mzondo	I96	✓				key At Neighbour
Cweba	R330					No Answer
kilani						key on top of the roof
						No Answer

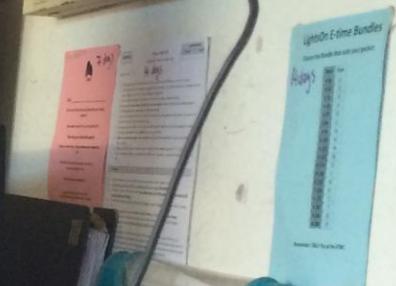
Date Reported	Shack Number	Type of Fault
20/10/14	B40	Re
20/10/14	A421	Re
12/11/2014	G137	Re
25/11/2014	H16 (2)	Re
23/9	I55	DC
H110 screen TV		



CENTRO DE OPERAÇÕES PREFEITURA DO RIO



4 5 6 8 9 7
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Concluding

- Let's not be captured by imaginaries that are not ours
- Let's reinvent design: let's dare to experiment, let's dare to engage
- Try and get legitimacy in debate, not merely in decision making
- Let's start with the real societal challenges we face



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Do come and visit!

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