SINGLE AND DOUBLE LOOP LEARNING IN ROTTERDAM MAKERS DISTRICT

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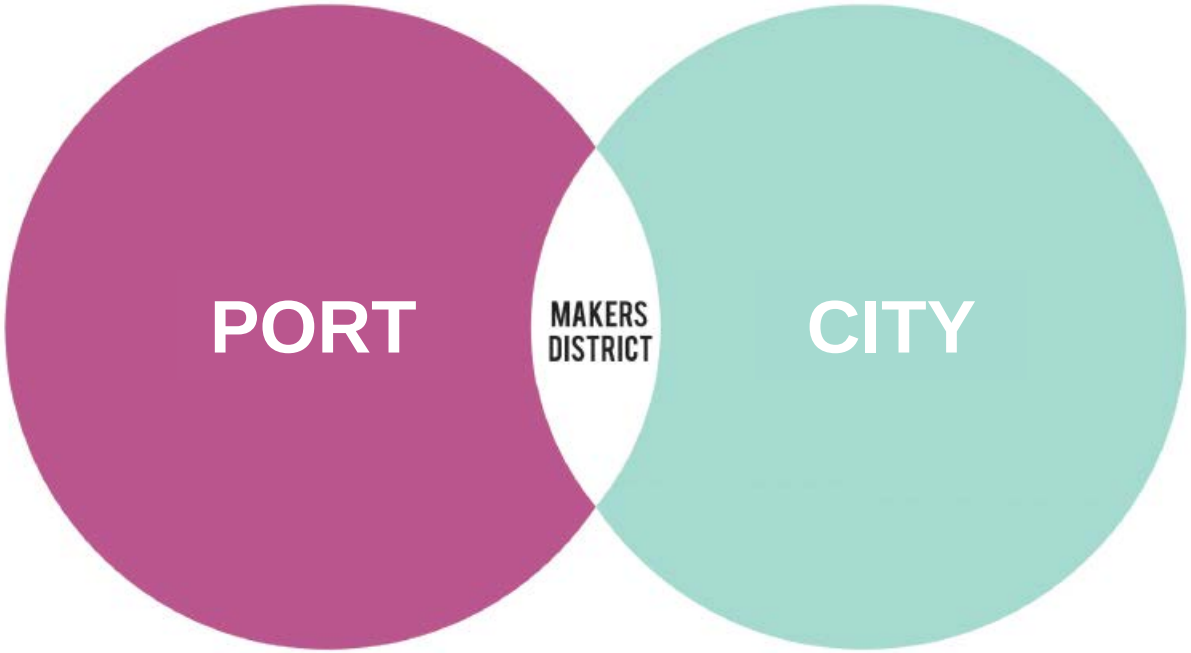
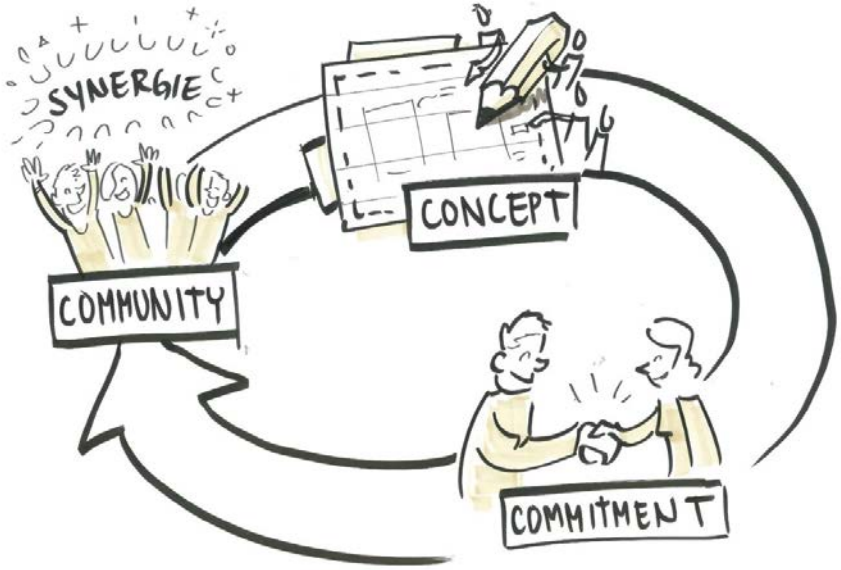
INTRODUCTION

“ The Rotterdam Makers District is the ultimate location for the innovative manufacturing industry. This is where, in practice, the transition is made to the new economy.

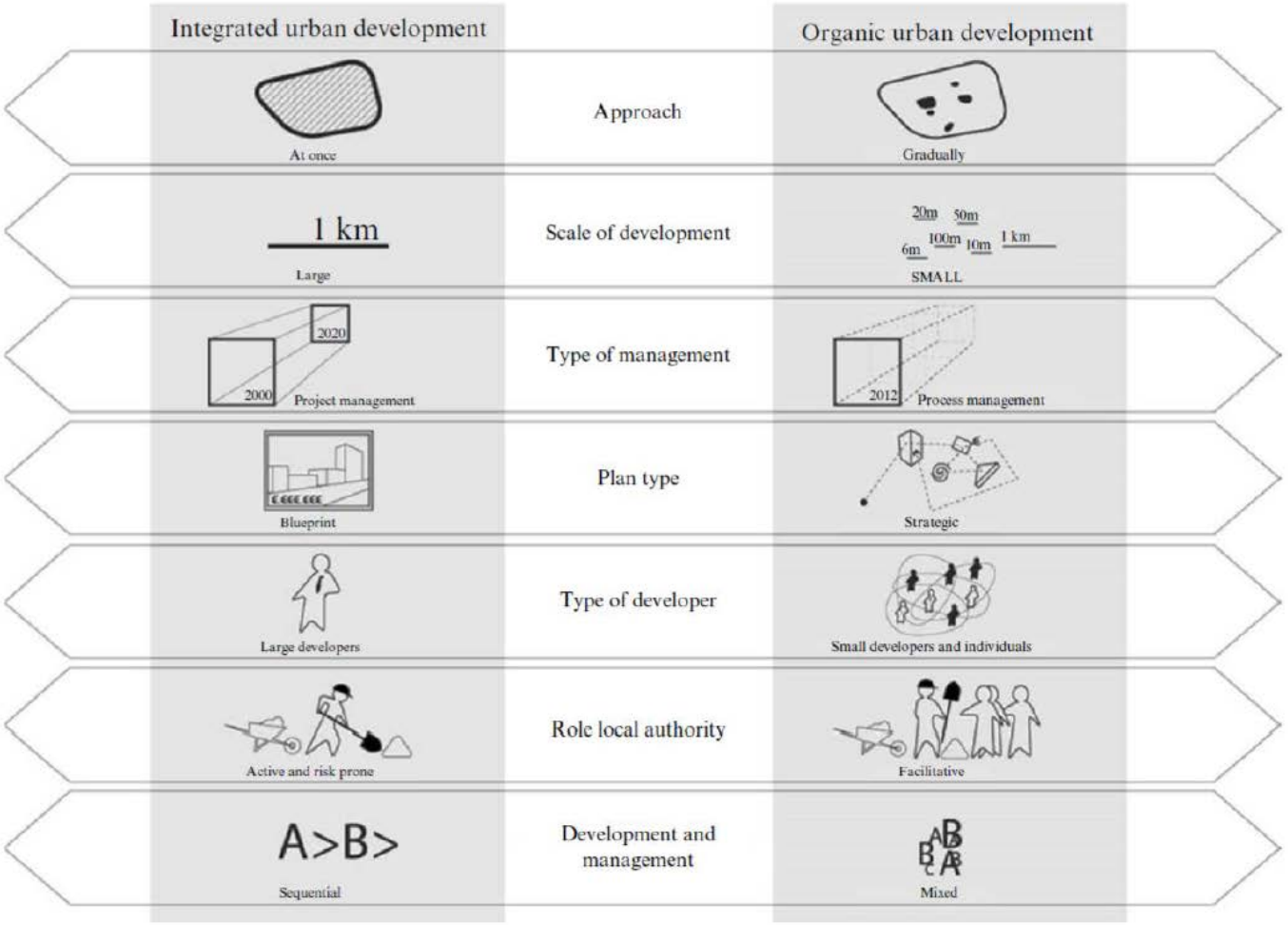


URBAN DEVELOPMENT TRANSITION



Tomas Pasma, Jongens van de Tekeningen, 2015

INTEGRATED VS. ORGANIC



Buitelaar et al., 2012

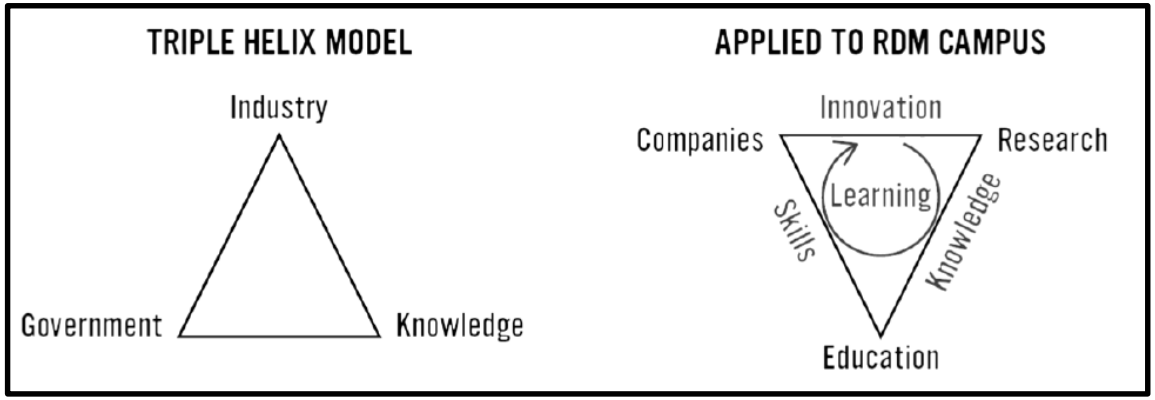
ROTTERDAM MAKERS DISTRICT

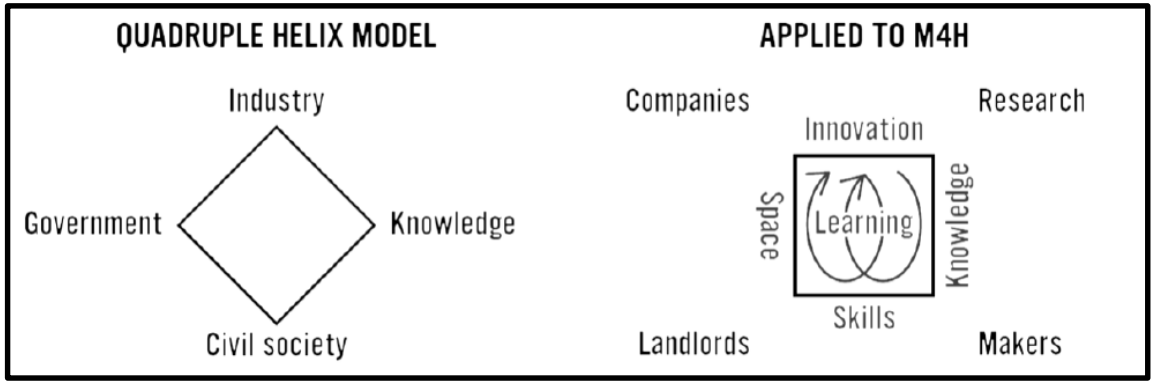
	RDM	M4H
LOCATION	SOUTH BANK	NORTH BANK
LAND VOLUME	30 HECTARES	100 HECTARES
PROPERTIES	INDUSTRIAL HERITAGE	ALL SORTS
OWNERSHIP	PORT	PORT AND CITY

CAMPUS VS. LIVING LAB

	RDM	M4H
DEVELOPMENT	INTEGRATED	ORGANIC
APPROACH	TOP-DOWN	BOTTOM-UP
MANAGEMENT	PROJECT	PROCES
INNOVATION	TRIPLE-HELIX	QUADRUPLE-HELIX
RESULT	**CAMPUS**	**LIVING LAB**

SINGLE & DOUBLE LOOP LEARNING





Peek & Meijer, 2016

A RESILIENT CITY IS LEARNING

- Double loop learning can make urban development ‘smarter’ and more resilient.
- A new reference frame for urban development should contain a learning strategy.
- Three conditions for learning in urban development.
  - Monitoring
  - Community
  - Attitude
- This proposition will drive our research efforts in the coming years.

SINGLE AND DOUBLE LOOP LEARNING IN ROTTERDAM MAKERS DISTRICT: THE FUTURE OF URBAN DEVELOPMENT AND THE RESILIENT CITY.

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