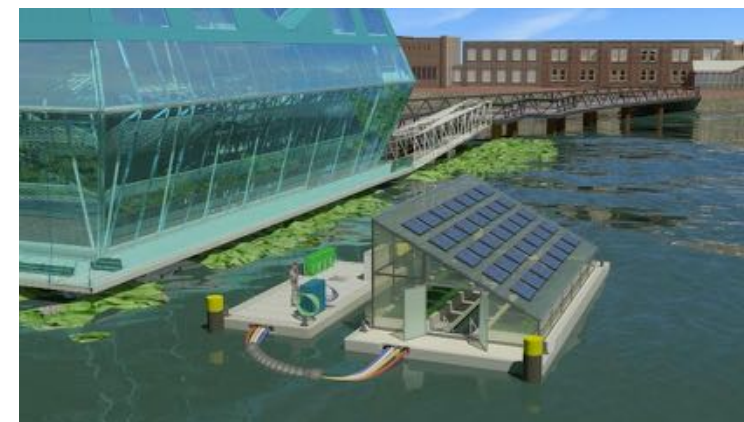
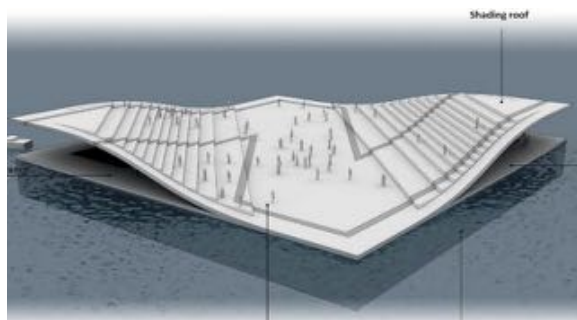


# NEW GROUNDS FOR GROWTH

*IN OCEANS OF POSSIBILITIES*

PETER VAN WINGERDEN  
peter@beladon.com  
May 2017





# LAND CHALLENGES



# POPULATION | URBANISATION | ENVIRONMENT



200.000 PER DAY, 70 MILLION / YEAR



LOGISTICS, POLLUTION & WASTE



CO2 LEVELS, TEMPERATURE RISE, FLOODINGS

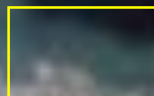
9 Billion

70%

2 degrees

# SEALEVEL RISE / LAND SUBSIDENCE

JAKARTA / INDONESIA



# JAKARTA

## November 2007



# JAKARTA

## November 2013



**“Sea level” August 14 and October 18, 2013**

**Large flood of 2007**

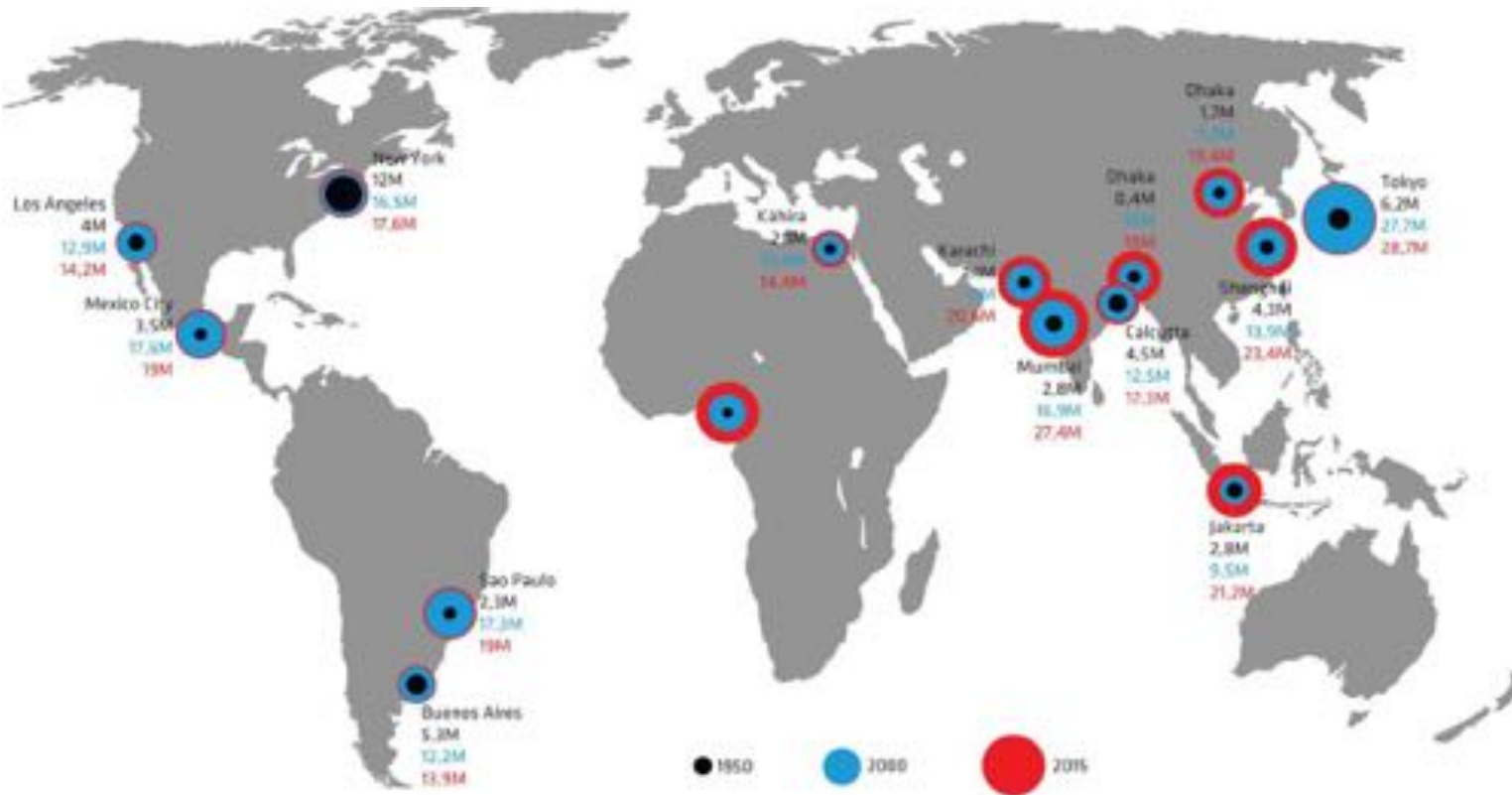
JAKARTA  
November 2013





# WHERE WE ARE GOING TO

# MIGHT NOT BE WHERE WE COMING FROM



# LIVE ESSENTIALS



**ADAPTIVE URBAN DESIGN  
IN OCEANS OF POSSIBILITIES**



✓ INNOVATION LAB

✓ EDUCATION

✓ ICONIC


✓ TRANSPARANT

✓ SCALABLE

✓ CIRCULAR

# Urbanizing Farming

ROTTERDAM

- 
- 350.000 liters yoghurt / year
  - 2.000.000 eggs / year
  - 250.000 crops / year



*THANK YOU*

*peter@beladon.com*