



RECLAMATION PAYS; ASSESSING SOCIO-ECONOMIC EFFECTS OF RECLAMATION PROJECTS

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AGENDA

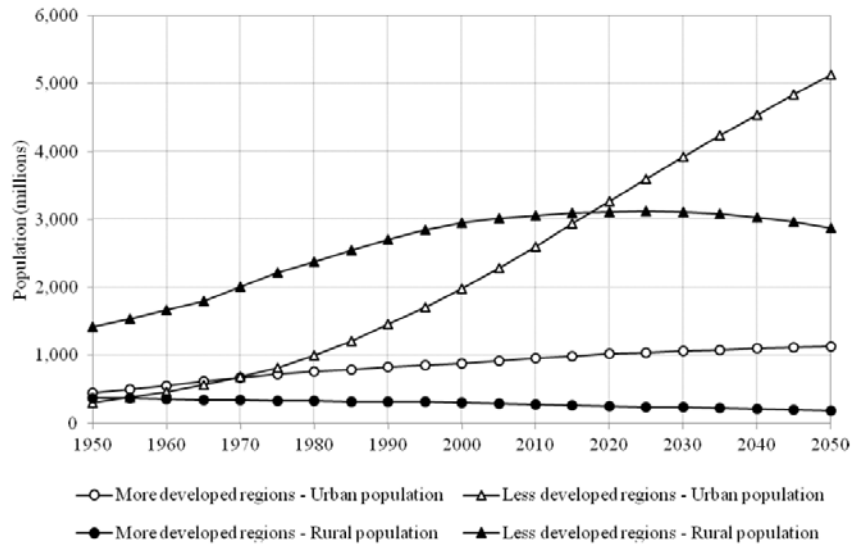
- Introduction
- Why this paper?
- Cost Benefit Analyses
- Amager strandpark project

MEMBERS



- Educating
- Informing
- Promoting
- Networking
- Connecting

WHY THIS PAPER



Source: UN World Urbanisation Prospects, The revision 2011

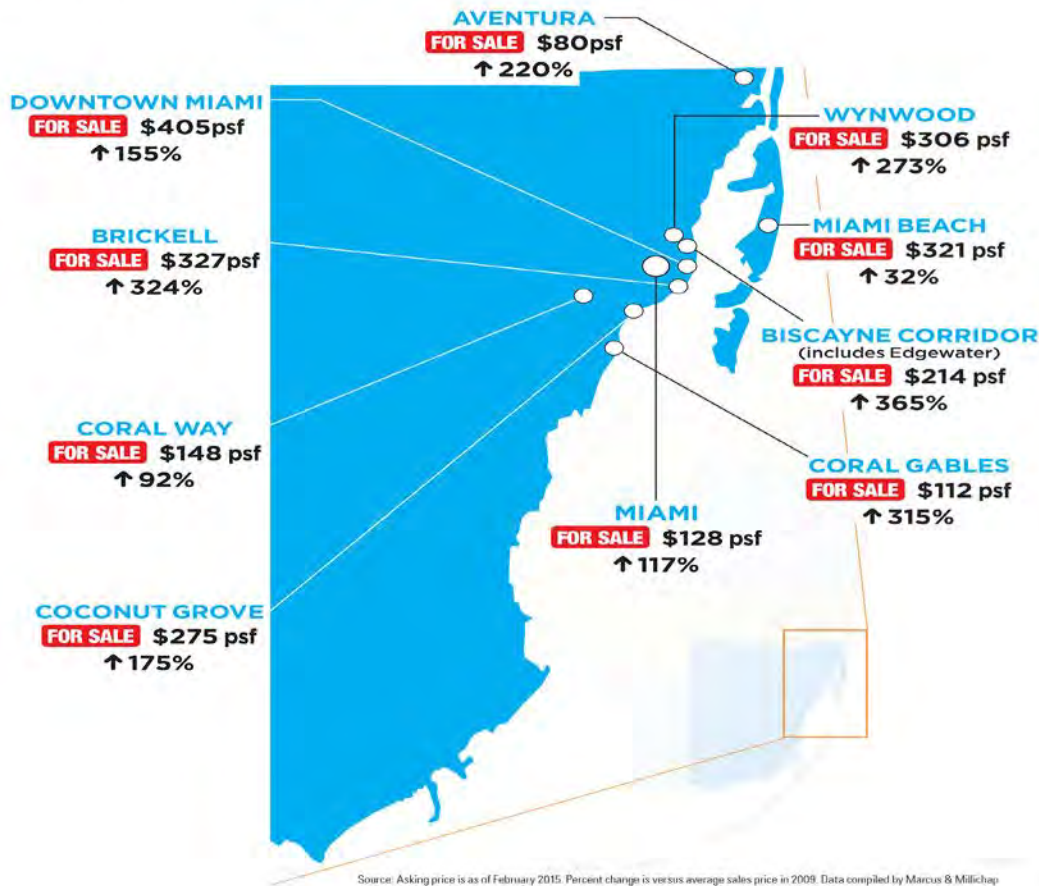


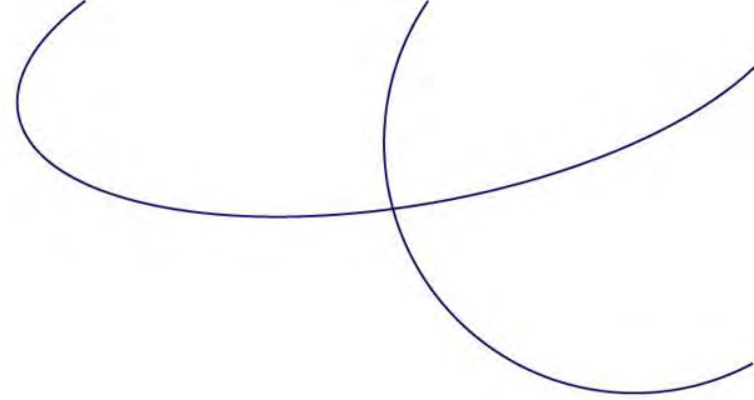
Djakarta

MIAMI LAND PRICES

MIAMI-DADE'S PRICEST LAND MARKETS

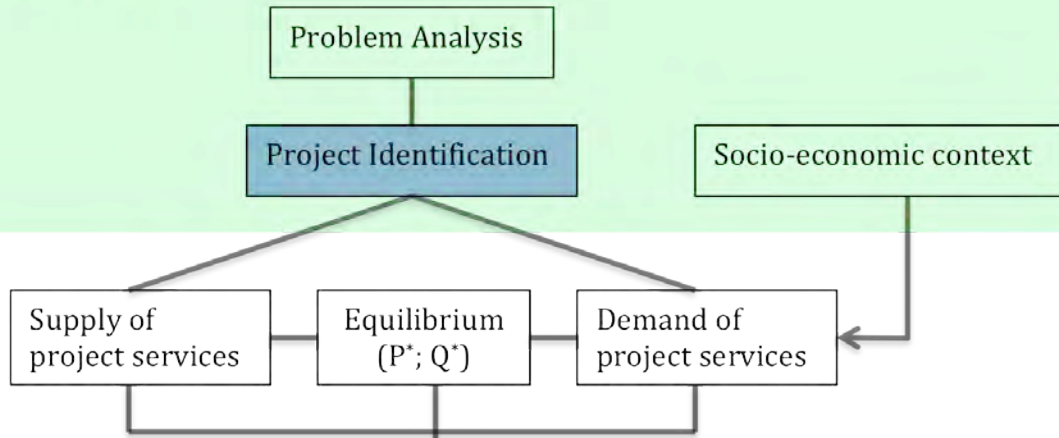
Average asking price psf and percent change since the 2009 recession



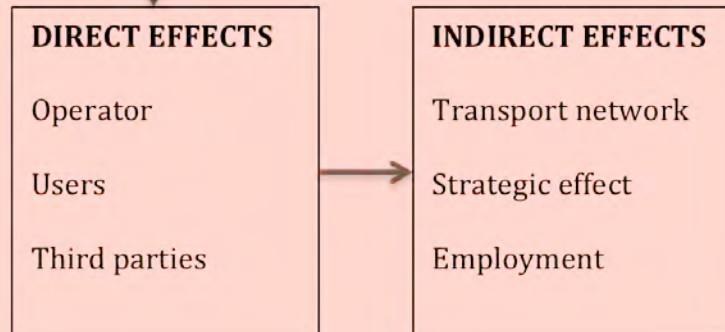


COST BENEFIT ANALYSIS MODEL

CBA FORMULATION



SOCIAL CBA



MAASVLAKTE 2



AMAGER STRANDPARK



AMAGER STRANDPARK, INPUT

Input data for NPV calculation

COSTS	
Investment costs	€26.9 million
Net operating costs AmagerStrand I/S per year	€1.07 million
BENEFITS	
Avoided replenishment (every 2 years)	€13,400
Average N. of visitors per year	1,000,000
Average Consumer Surplus per visit	€4
Average Consumer Surplus per year	€4,000,000
Investment horizon	30 years (2005-2034)
Discount rate	5%

Source: Amager Strandpark I/S (costs inputs and number of visitors)

AMAGER STRANDPARK, WELFARE EFFECTS

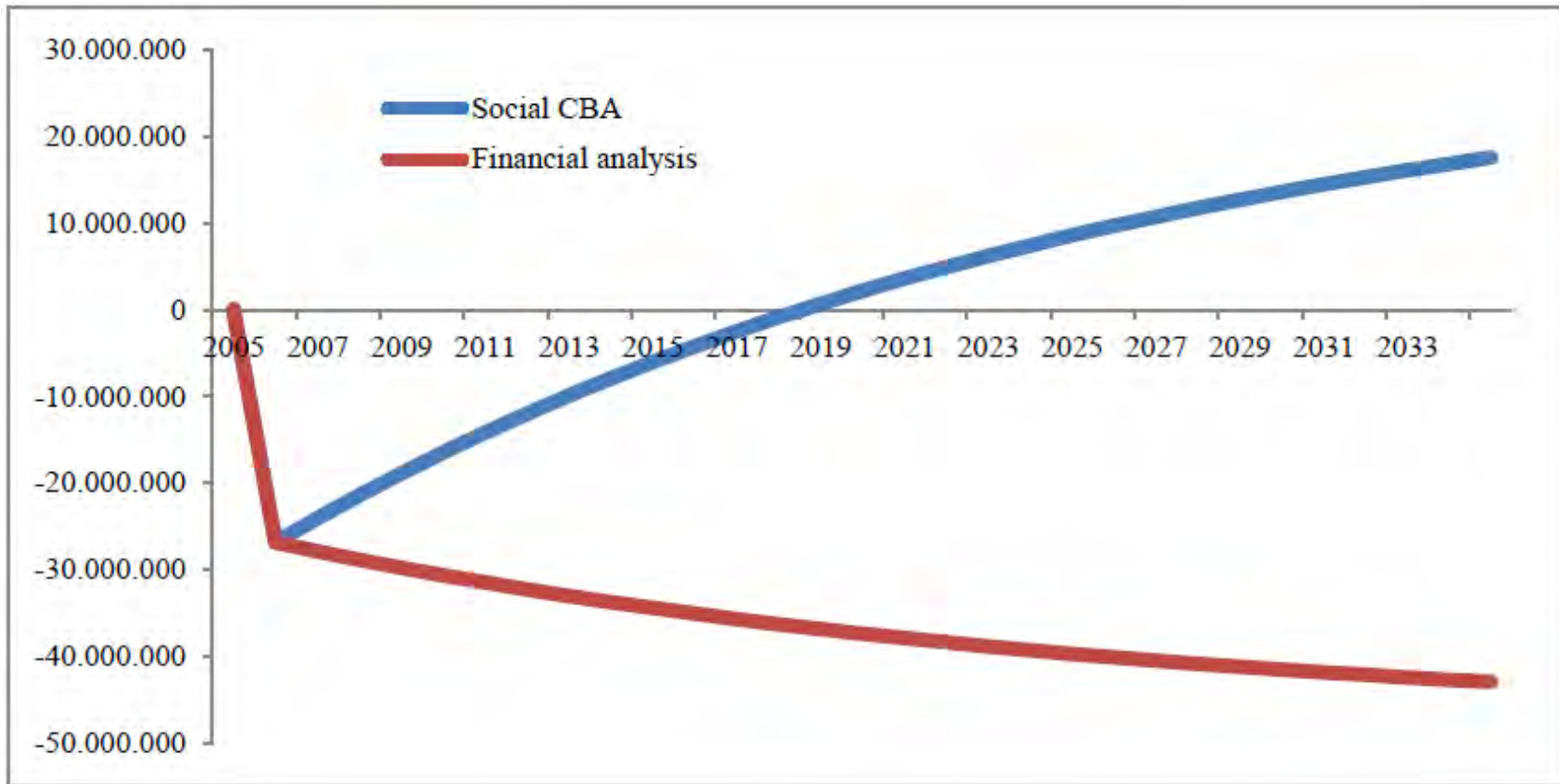
WELFARE EFFECTS, DIRECT:

- Operator, Amager Strandpark I/S --
- Users, welfare surplus consumers ++
- Third parties, non-use values enjoyed by local residents +

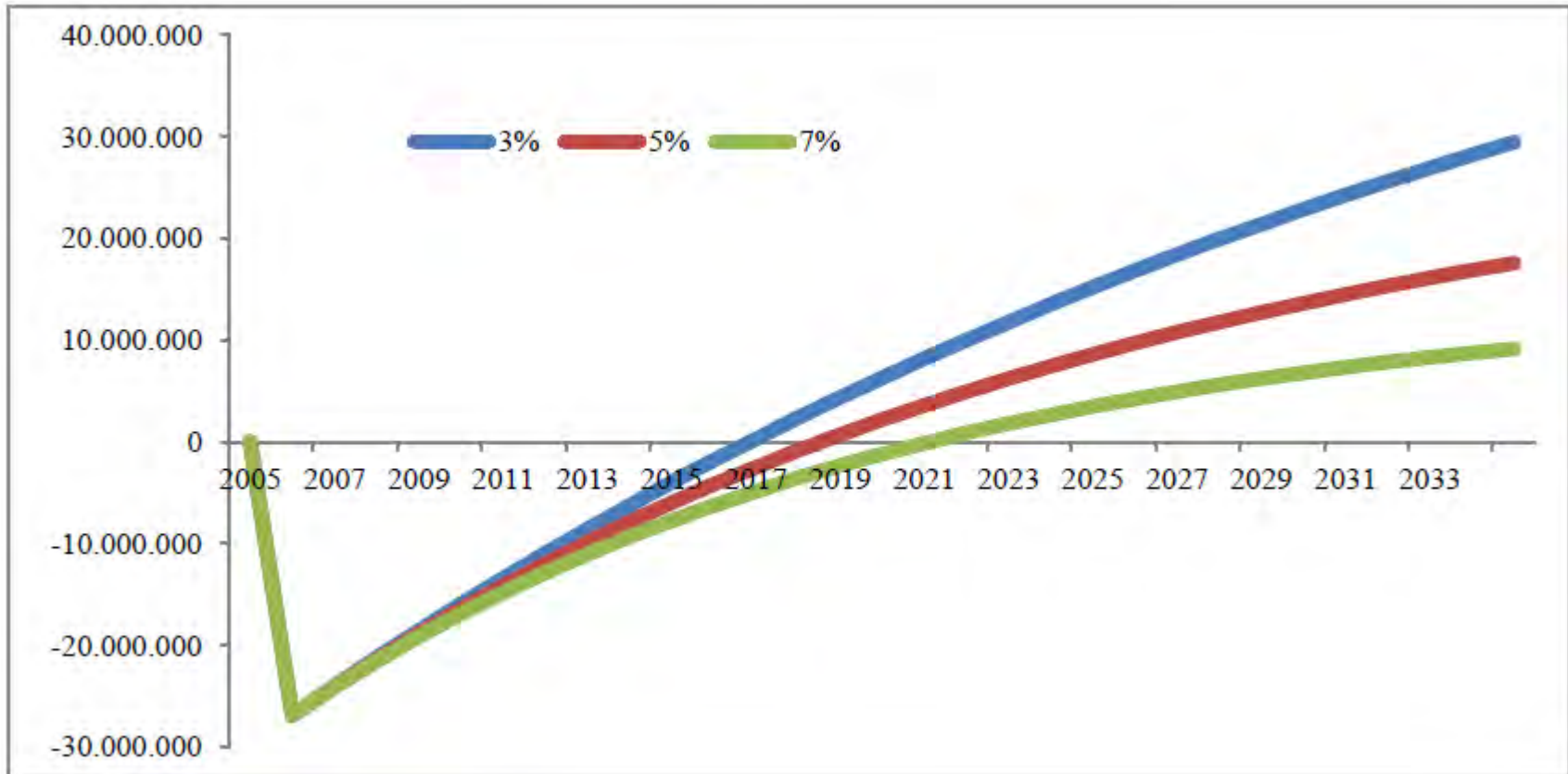
WELFARE EFFECTS, INDIRECT:

- Not relevant

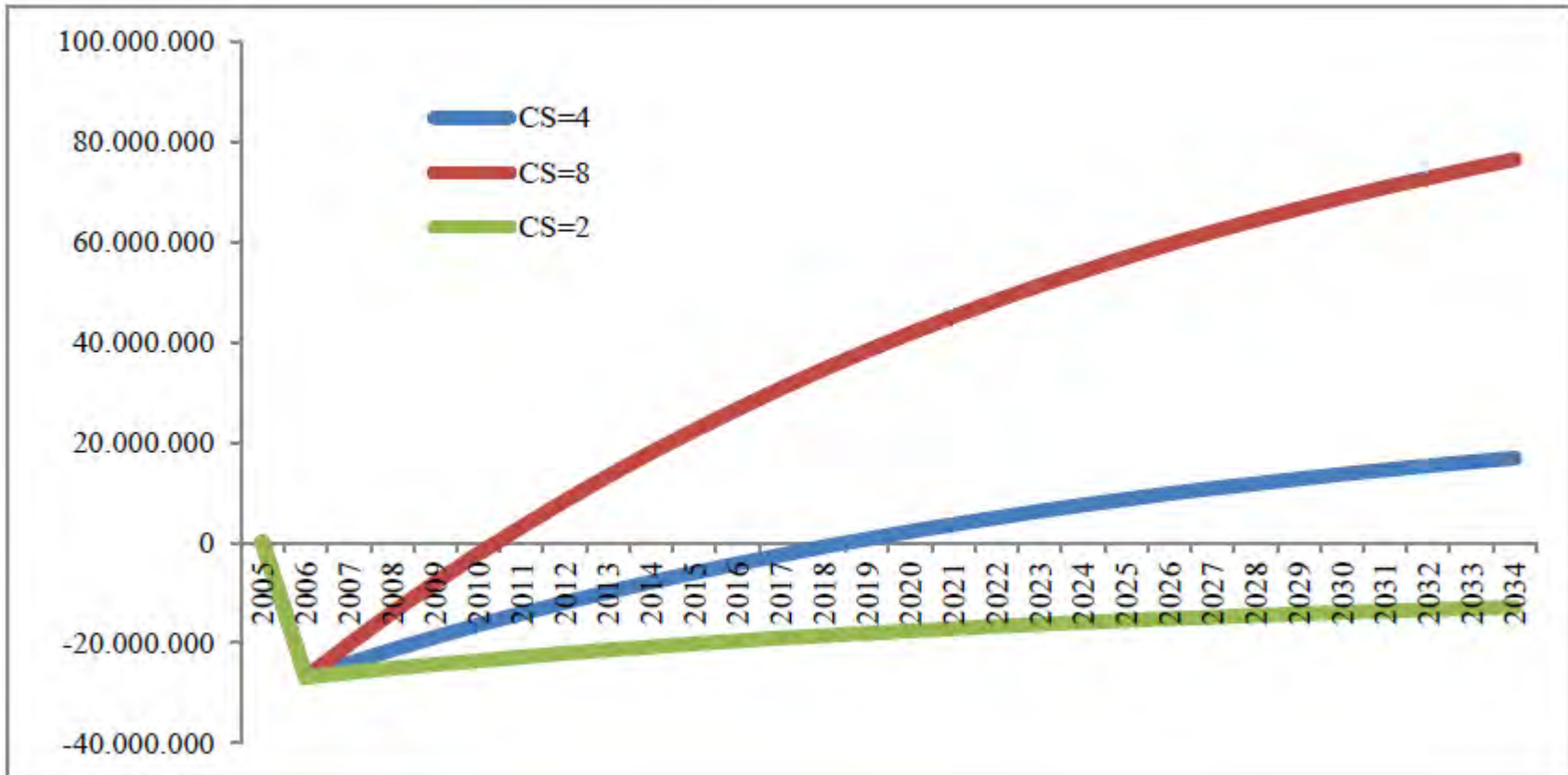
AMAGER STRANDPARK, RESULT



AMAGER STRANDPARK, SCENARIOS



AMAGER STRANDPARK, SCENARIOS





GENERAL CONCLUSIONS

- Clear definition and classification of project impacts
- Comprehensive consideration socio-economic effects necessary
- Active role of governments
- Reclamation projects can be socio-economic and financially profitable
- Reclamation can be a solution to spatial challenges