

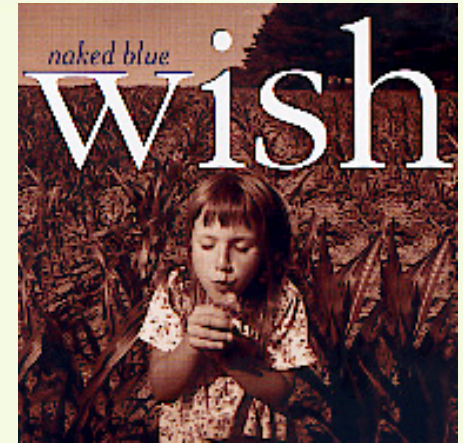
The making of an  
urban  
regeneration plan  
in the Netherlands



From vision to projects

# From vision to projects

prepare, know, wish, measure, execute



Uitwerking: Antenne Radio I, 17 januari. (Methode: log 2, log 3)

1. Met de binomische formules geldt  $\sum_{j=0}^n \binom{n}{j} x^j y^{n-j} = (x+y)^n$ .  
 Vul in  $x=1$  en  $y=1$ .

2.  $\lim_{x \rightarrow \infty} \frac{e^{2x} - 1 - 2x}{\log(1+x) - x} = -4$ , want

$$\frac{e^{2x} - 1 - 2x}{\log(1+x) - x} = \frac{1 + 2x + \frac{1}{2}(2x)^2 - 1 - (2x - \frac{(2x)^3}{6} + O(x^4))}{x - \frac{1}{2}x^2 + \frac{1}{3}x^3 + O(x^4)} - x$$

$$= \frac{2x^2 + \frac{1}{3}O(x^2)}{-\frac{1}{2}x^2 + O(x^2)} = \frac{2x + O(x)}{-\frac{1}{2} + O(x)} = -4 + O(x)$$

3.  $\int x^2 \sin x \, dx = \int x^2 \cdot (-\cos x)' \, dx = (-\cos x) \cdot x^2 + \int (\cos x) \cdot 2x \, dx$   
 $= -x^2 \cos x + \int (\cos x) \cdot (2x)' \, dx$   
 $= -x^2 \cos x + 2x \sin x - \int \sin x \, dx$   
 $= -x^2 \cos x + 2x \sin x + 2 \cos x + C$

$\int \frac{x \, dx}{x^2 - 9}$  splits op:  $\frac{x}{x^2 - 9} = \frac{x}{(x-3)(x+3)}$  (Je vindt dat door de teller te splitsen op de noemer)

$$= \frac{A}{x-3} + \frac{B+C}{x^2 - 9}$$

Vul in:  $A = \frac{1}{6}$ ,  $B = \frac{1}{6}$ ,  $C = \frac{1}{6}$

$$\int \frac{A}{x-3} \, dx = \frac{1}{6} \ln|x-3| \quad \int \frac{B+C}{x^2 - 9} \, dx =$$

# From vision to projects

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- Execution program including migration scheme
- Financing
- Division of tasks – contracts
- (Possible) role of Home Owners Associations

# Execution program

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- Program in which all projects are identified
- Insight in expected migrations
- As detailed as possible for every individual project:
  - Many years ahead
  - Expected product market combinations (PMC's)
  - Expected efforts by project partners
  - Expected costs and revenues
  - Expected proces steps

# For instance, project X

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- Buy – demolish – rebuild – sell
- Old situation: 100 small cheap deteriorating apartments for starters
- New situation: 50 upmarket one family houses

# For instance, project X

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- Process steps:
  - Determine on the year when the project should be finished, f.i. july 2012
  - Building time 1 year
  - Making building plan and find contractor 1 year
  - Demolish old estate and preperation building site 0,5 year
  - Buying the old dwellings and moving people out 2 years
  - Start project january 2008

# For instance, project X

- Costs and revenues:
  - Costs for buying (market value + costs for moving people out)
  - Interest during 2008-2012
  - Management and maintenance costs during 2008-2012
  - Possible revenues from short term lease
  - Demolishment costs + preparation building site
  - Building costs
  - Selling costs
  - Selling revenues and/or rent revenues
  - Necessary deficit subsidy

# For instance, project X

- Financing
  - Bank loans
  - ISV-subsidy (municipal fund)
    - » Targeted at project deficits
  - Targeted state subsidies (f.i. energy efficiency)
  - Area bound tax reliefs
  - Guarantee structure
- As part of the financial structure also energy efficiency effects should be taken into account (less energy costs)!



# For instance, project X

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- Division of tasks
  - Traditional
    - Municipality: public space and facilities
    - Housing association/project developer: building projects
    - If necessary scaled up to PPP through mutual efforts contract
  - Concession model: new in the Netherlands
    - Municipality withdraws
    - Housing association/project developer realizes public space and facilities and building projects
    - Integrated approach

# (Possible) role of Home Owners Associations

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- Take initiative towards public and private partners
- Bring in real estate
- Contract housing association or project developer
- Negotiate on behalf of residents/owners
- Participate in the designing process