Walk 21 Conf reflections & multi modal experiences in the Netherlands

Gerry Dance – Team Leader Multi Modal
Rotterdam / Netherlands – key facts

- Population 623,000,
- Home to the largest port in Europe
- Almost completely destroyed in WWII
- So on a long journey of transformation (like Utrecht)
- Modal Split trips
  - Rotterdam - 28% of people walk 22% bike
  - Netherlands – 18% walk (similar to NZ) and 27% bike (NZ 3%)
Walk 21 Rotterdam Key facts

- Key Theme – Walking and Liveable Communities
- Approx 400 to 450 attendees
- Over 4 days – first day workshops
- Very full programme
  - A mix of key notes and parallel streams – 10 presentation streams and up to 7 walkshop streams!!
Some key messages & phrases

- Mobility hippieness & Hipster mobility
- The real challenge is not Climate Change but Mind Change
- Public space is for everyone
- Councils - Space managers – think about what matters most
  - Public space is for everyone
- Data – measure the right thing - it has to enhance the why!
- Planning the city at eye level – not a birds eye view – were not birds!
- Modal Shift – Mix of measures with multiple benefits
- Regulate to innovate – Anticipate – talk & cooperate – maximise benefits
- Micro mobility – street clutter & safety concerns
  - Reallocate space
  - Co-exist
  - Active & Light mobility = Unite!
Key Note – Helge Hillnhutter

- Walking is an outdoor mobility

1. Walking!
2. Walking environment!
3. Public transport ... ?

Walking to stops/stations:
- 94%
- 4%
- 2%

Travel time from door to door:
- 56%
- 44%

Memories of the journey:
- 70%
- 30%

12 Cities on three continents, 42,000 interviews; Brög & Hillnhüter, not yet published
Key Note – Helge Hillnhutter

Variation of perceived walking distance

-9%  +12%  -11%  +9%
+17%  +17%  +10%  -10%
-14%  14% shorter

Variation distance perception 30%

+17% longer
Key Note – Helge Hillnhutter

1. Walking!
2. Walking environment!
3. Public transport ... ?

Attractive walking environments can triple the amount of potential public transport users

Catchment area triples in size

PT stop
A very cool train station
Lots of bike parking – in & out
Competing for space
Utrecht Train Station

- Busiest in Netherlands with over 1000 departures
Ped – cycle bridge across tracks
Bike parking station
12,500 spaces
- 2 other 2000plus stations other side
Three levels
Main arterial road used to run through the centre of town being transformed back into a canal
Busiest Multi Modal arterial
- 40,000 bike movements and;
- 1200 buses daily
Reflections on Walk21

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Walking to school in Aotearoa (New Zealand)

John Lieswyn
Walk21 Rotterdam 2019
Outline

• Why ‘active’ travel?
• How: travel planning resources
• Examples:
  1. Hastings: MoveIt
  2. New Plymouth: Let’s Go
  3. Timaru: Friday Footpath Frenzy
  4. Dunedin: road safety
• When: a national call to action
Autumn 2018:
- 66 schools
- 64 x Pešbus, 2 x Bicivlak
- Ca. 3000 children participating
- 2 schools continuing over the whole year; 2 more once a week the whole year.
PESBUS

Naslednja postaja: Sola

8.05
WALKBOT

3D PORTABLE SIDEWALK SCANNING SYSTEM

How accessible is your city?

Accessibility standards compliance
Automated detection of irregularities
Passing width
Slopes
Accurate measurement
GIS mapping

Paulo Cambra
Instituto Ladies, University of Coimbra
MIT Portugal Transportation Systems
State of Place

- More comprehensive than Walk Score
- Input: Streetview
- Processing: 290 indicators
- Analysis: 10 performance categories
- Output: 1 score (0-100)
- Output: scenario testing & BCRs
VAN ZOOI NAAR MOOI!

JOUW AFWAL IS GOUW WAARD. Scheid het en zie het terug als iets moois.

GOUD-TRANSPORTJE.

JOUW AFWAL IS GOUW WAARD. Scheid het en zie het terug als iets moois.
ALMOST ZERO “SHARED” PATHS
NOT JUST A CYCLEWAY
A DIFFERENT INTERPRETATION OF LE CORBUSIER’S VISION:
BICYCLE SUPERHIGHWAY TO ROTTERDAM CITY CENTRE,
RESIDENTIAL TOWER IN A GARDEN SETTING
HIGH RISE HAS FOOD GARDEN
A WALKABLE FAST FOOD JOINT
2-MINUS-1 IN ENTERTAINMENT DISTRICT
NEW HIGHWAY IN CITY CENTRE
DURING
“Art crossing” doesn’t confuse drivers or those with visual impairment
Median refuge cycle crossing, give way triangles, piano key crossing warning markings
Braille for number of steps and destination
Electric wheeling channel
Nearside cycle signal with dual countdown displays