

ir.Kees Kuijken-NL,
president Groen en Handicap



introduction

- Part 1: benchmarking

“green” for the physical handicapped people

- Part 2: innovation

scope

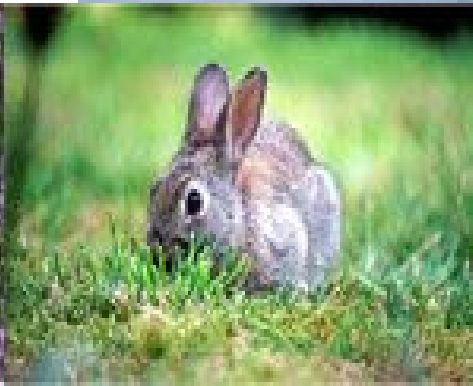
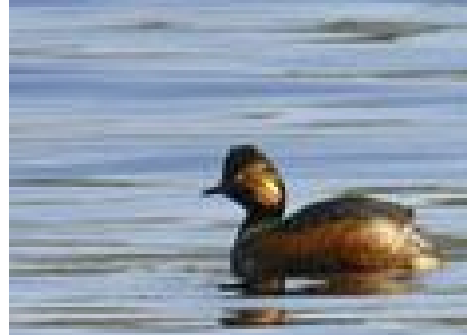
- Evaluation the situation of “green” for the physical handicapped
- by “groen en handicap”
(green and handicapped/vert et handicapé)
- The Dutch National Parks

The National Parks

The National Parks represent together an important part of the Dutch nature.

They are examples for “green”.





The National Parks

At least 1.000 hectares

The Parks have 4 goals

- - protection and development of nature and landscape;
- - outdoor recreation;
- - education and information ;
- - research.

In general: each Park has a visitor center

The National Parks in the Netherlands

total 20 National Parks

each has specific points of interest

different parties for management/ maintenance
(Staatsbosbeheer, Natuurmonumenten, Landschappen, private)

each year many million visitors (Neth: 17 mill. people)

benchmarking

Groen en Handicap :volunteers

(+ expert experience;
(handicapped, mobile or blind))

quality- aspects:
developing criteria (next dia)

- transparent
- stimulating to correct
(and give recommendations)



accessibility for all

- B: to reach
(realisable)
- T: accessible
- B: utilisable

criteria developed during un
research 6 years ago (Sortir
ensemble)

<http://www.natuurzonderdrempels.nl/sopfra.pdf>



sortir ensemble



Developing the criteria hospitality for the National Parks

In a temporal workshop (20 p)

- rangers
- handicapped

The 4 criteria

- Enough great parking places
- Footpaths for families
- toilets
- special information for the handicapped

Extra:

- a. playground
- b. guided excursions

1.parking



1.parking.....



2. Footpath(familial); one parcours special for the handicapped

- With resting places (bancs / a pique-nique place) f.e. green tabel
- with information of difficulties
- with short-cuts

3.toilets

- Adjusted Toilets

minimum :1in the
visitor center



“green table”



www.degroenetafel.nl



4.information

Education and information are essential for an experience of nature in the National Parks and strengthen acceptance and participation.

- maps of the Park and other information make the visit easier and much agreeable
- site Web with “what and when to do “
- about nature values, cultural heritage, but also about - “BTB”

The results

- We made 1 visit: 2. Febr. 2009 Biesbosch:
much to repair,
mais les gestionnaires sont très sensible
- In 2009 and 2010 another 5 visites
to other Parks

What to repair ?

- slopes
- connexions
- doors
- heights of the exposition
- letters and lighting
- audibility audio



good and bad



good



2 part: innovation

- for blind people

Frustration: Well known

white stick out-of-date

To make daily life easier for the blind, many of them use a wooden white stick.

In the last 7 decades, this stick has hardly changed and is therefore no longer suitable for our times.



Vision I-Cane system

Independent

Without support from others

=

Self help

Individual and GroupWise

high-tech gadgets

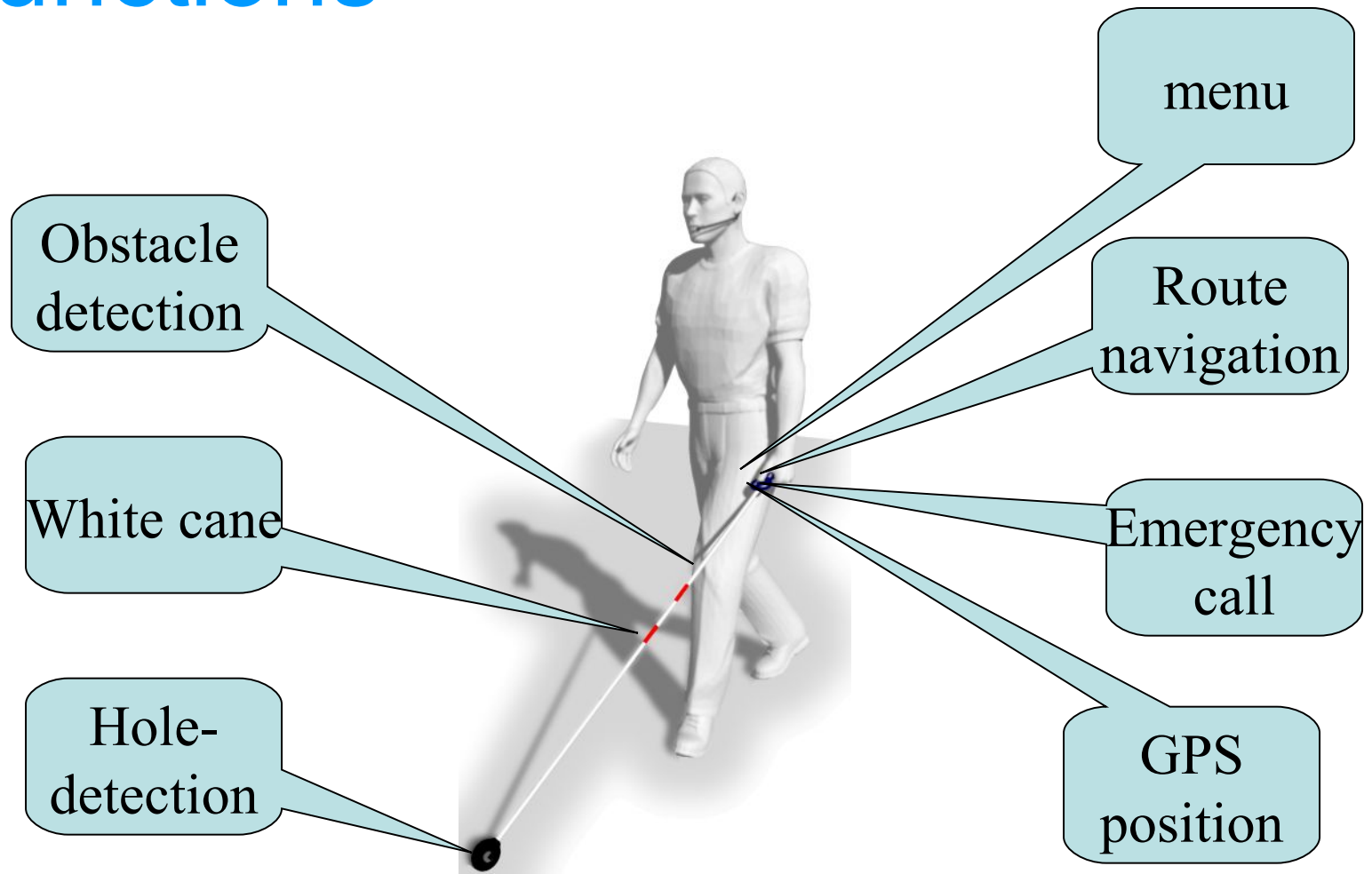
- a navigation system
- an obstacle detection
- information
- Communication

The I-Cane foundation has developed an intelligent white stick: **the I-Cane system**

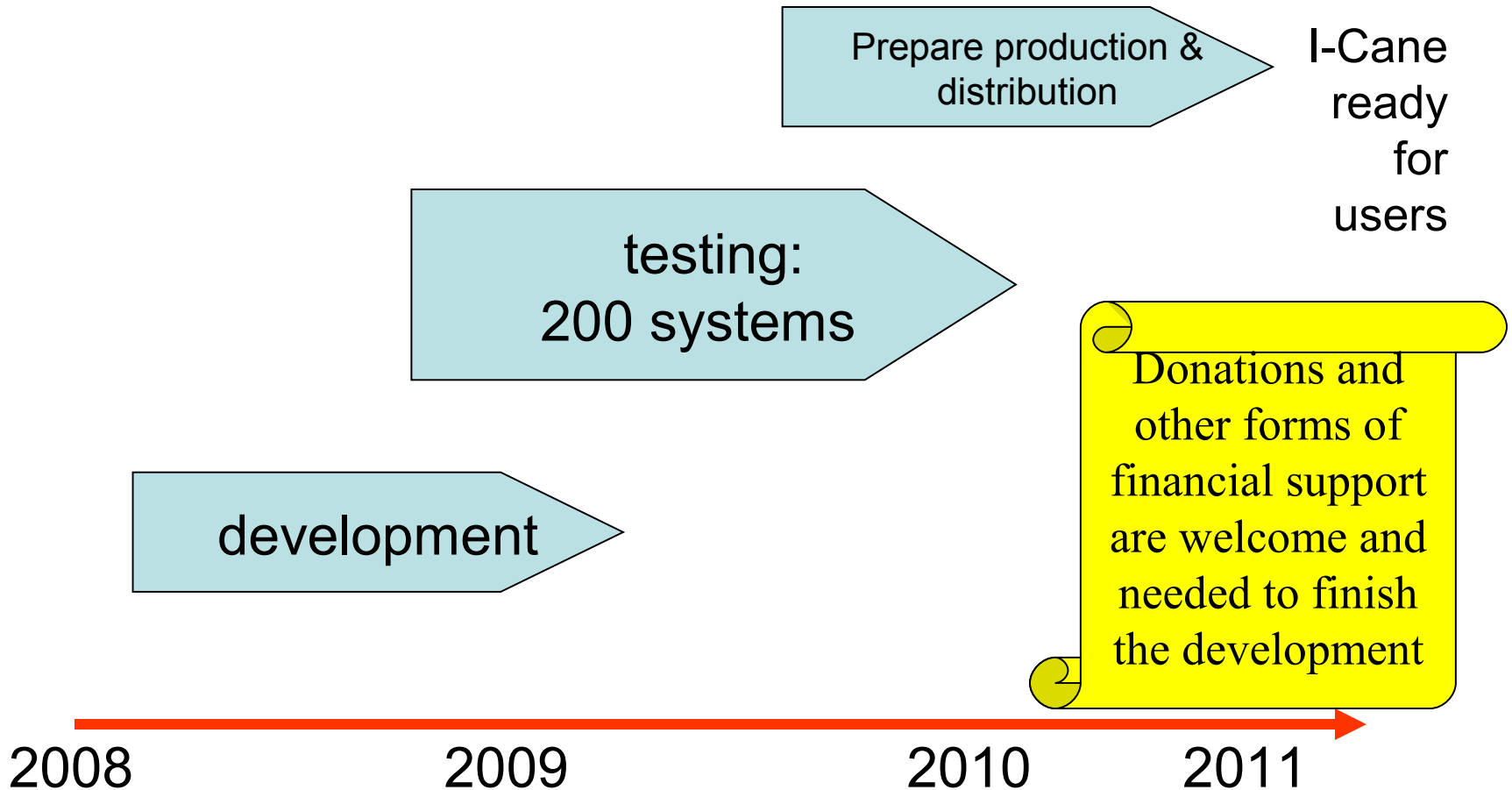
modules and integration

- The concept is based on a modular and integrated construction for the following functions:

I-Cane system combines functions



I-Cane system is still under construction



The I-Cane system

- geared to one another without a strong appeal to the perceptual and cognitive skills of the user.
- an integrated solution
- with maintaining the advantages of the classic white stick
(recognition, passing on physical signals), <http://www.i-cane.org>

merci de votre attention/
many thanks for your attention

