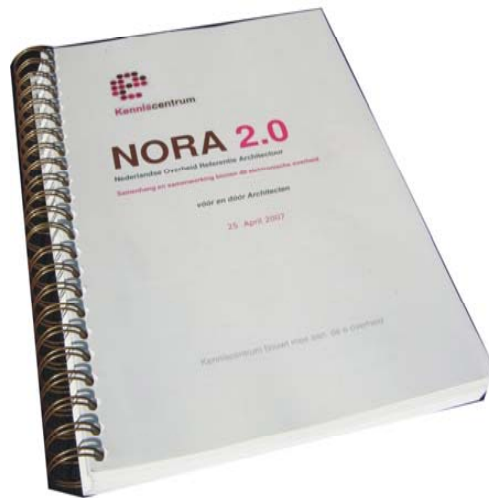




# RENOIR

e•OVERHEID: BOUW MEE AAN BETERE DIENSTVERLENING

## Using the NORA game to diffuse standards knowledge and use



# About ICTU

Government agency founded in 2001

whose mission is to improve

- workprocesses of the authorities
- government services to society
- interactions with citizens

by developing standards-based generic IT solutions

for government authorities

- central government
- provinces
- local councils
- water boards
- and about 1600 other organisations



# Dutch Government & Standards Use

## Goals of the Cabinet

- Stimulate the participation of citizens
- Reduction in the administratieve burden

Crucial for achieving these goals is interoperability between

- businesses and governments
- citizens and governments
- between the governmentbodies themselves

Policy in favour of open standards and open source  
Dutch Interoperability Framework



# The Netherlands in Open Connection

An action plan for the use of Open Standards and Open Source Software in the public and semi-public sector

- increase interoperability
- decrease dependence on suppliers in the use of IT
- promote a level playing field in the software market



# About NORA

- Acronyme used for Dutch Government IT Reference Architecture
- Endorsed by the Dutch Cabinet as the standard to be used throughout the public sector
- Describes design principles for IT-infrastructure

For example,

- Users experience uniformity in service provision through the use of standard solutions
- Users are offered related services as a package



# Problems with NORA

Too complex for architects

- Too many principles: 10 basic +137 derived
- Too much text (about 300 pages)
- Time consuming

Too complex for other target groups, e.g. executive managers

Two solutions: Simplify NORA and develop NORA Game



# NORA game

- Aim

...to better understand information architecture in general and NORA in particular

...to learn how to apply NORA-principles to one's own organisation

...to start a discussion about architectural principles, priorities etc.

...including all kinds of experts

...in an informal setting

...not taking too much time



# Four situations

- You don't know anything about NORA: NORA Bingo
- You are familiar with NORA and want to apply NORA within your own organization: The NORA Principle Game
- You want to get arguments for applying the NORA principles: NORA House of Commons
- You want to set priorities within your project: NORA Priority Game

And feel free to use the several parts of the NORA Game in another way!!





# Playing cards





# Conclusion

- The aims

- ...to better understand information architecture in general and NORA in particular

- ...to learn how to apply NORA-principles to one's own organisation

- ...to start a discussion about architectural principles, priorities etc.

- ...including all kinds of experts

- ...in an informal setting

- ...not taking too much time

- are met

- People react enthusiastically

- Organisations are developing new ways to play the game, e.g. by developing their own playing cards



# More information

## About ICTU

<http://www.ictu.nl>

## About open standards

<https://noiv.nl/service/english/>

<http://www.open-standaarden.nl/service/english/>

## About NORA

<http://www.e->

[overheid.nl/images/stories/architectuur/ict%204452%20nora%20maart%202010-eng%20hr.pdf](http://www.e-overheid.nl/images/stories/architectuur/ict%204452%20nora%20maart%202010-eng%20hr.pdf)

or mail to [hans.goutier@ictu.nl](mailto:hans.goutier@ictu.nl)

