

Digital participation

Use local knowledge for a better IA process through digital participation

Possibilities with a digital platform for reporting and participation



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Possibilities with a digital platform for reporting and participation

Paul Eijssen | May 2023



Introduction



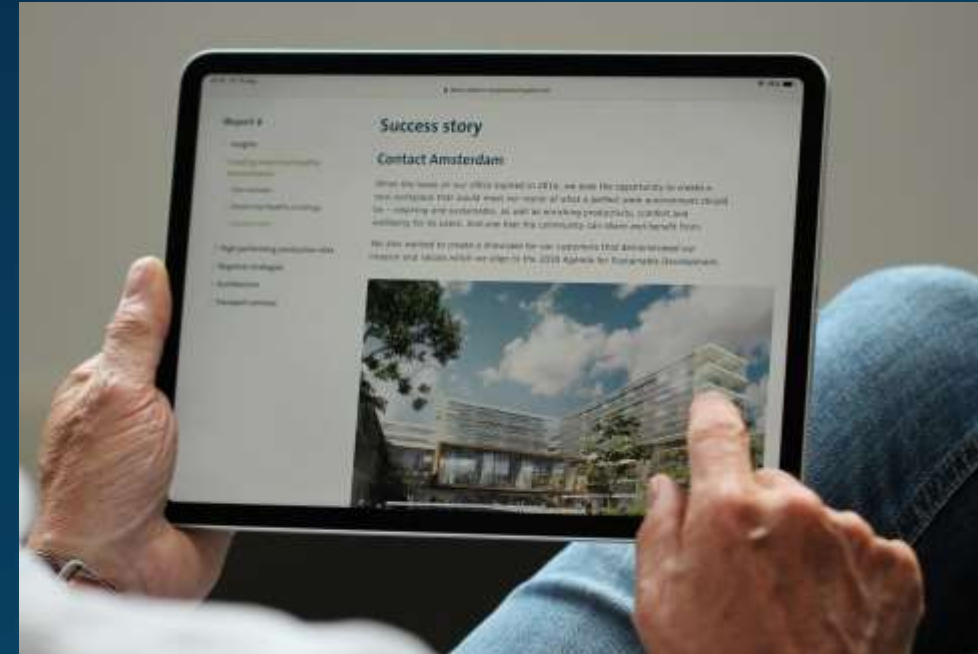
- Paul Eijssen
 - Strategic Consultant Impact Assessment
 - Innovator



Royal HaskoningDHV is an independent consultancy which integrates 140 years of engineering expertise with digital technologies and software solutions. We design, safeguard, and maintain the built environment - from infrastructure, mobility and buildings to energy, water supplies and industrial sites.

Content

1. Development of a digital platform
2. Options and examples of digital participation
3. Pilot project digital participation



A number of sheets contained video

It started with a pilot project in 2016



mer
Netherlands Commission for
Environmental Assessment

Digital interactive
Environmental Impact Report

Advisory report

28 March 2017 / project number: 3195



iReport demo

WELCOME TO THIS IREPORT DEMO

Royal HaskoningDHV is at the forefront of developing the next generation of reporting and...

Content

Subjects

> Introduction

Three Dimensional Data +

Photos & Video -

> Video creates variety in the way of sharing your message

> **360°-photography for a realistic experience**

> Old and new, good and better with Image comparison

Numbers & Figures +

Infographics & Interactivity +

> The timeline offers a powerful overview of the project progress

360°-photography for a realistic experience

The article below serves the purpose of demonstrating the use of **360°-photography** in an iReport. Currently there are no openly accessible iReports that make use of this feature, therefore the content below is fictional.

The Houtribdijk is a dam in the Netherlands , built between 1963 and 1975 as part of the Zuiderzee Works, which connects the cities of Lelystad and Enkhuizen. On the west side of the dike is the Markermeer and on the east is the IJsselmeer. The 27-kilometer-long dike was intended for the Markerwaard, but this polder is now unlikely to be constructed.

Although called a dike (withholding water from land area), the Houtribdijk is actually a dam (separating water bodies).



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> **The timeline offers a powerful overview of the project progress**

The timeline offers a powerful overview of the project progress

The timeline offers the possibility to indicate the important milestones in the project. This can be about the phases of the project, but it can also be specifically about announcing the moments or periods in which input or the opinion of stakeholders is requested.

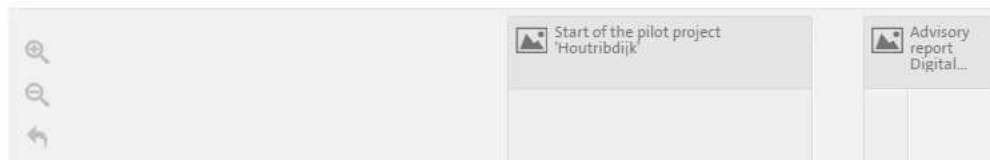
In this example, we show the main milestones of the iReport's developments. This gives a nice overview of the steps we have taken so far, but also an overview of what can still be expected.



The start and development of the digital EIA 'project'

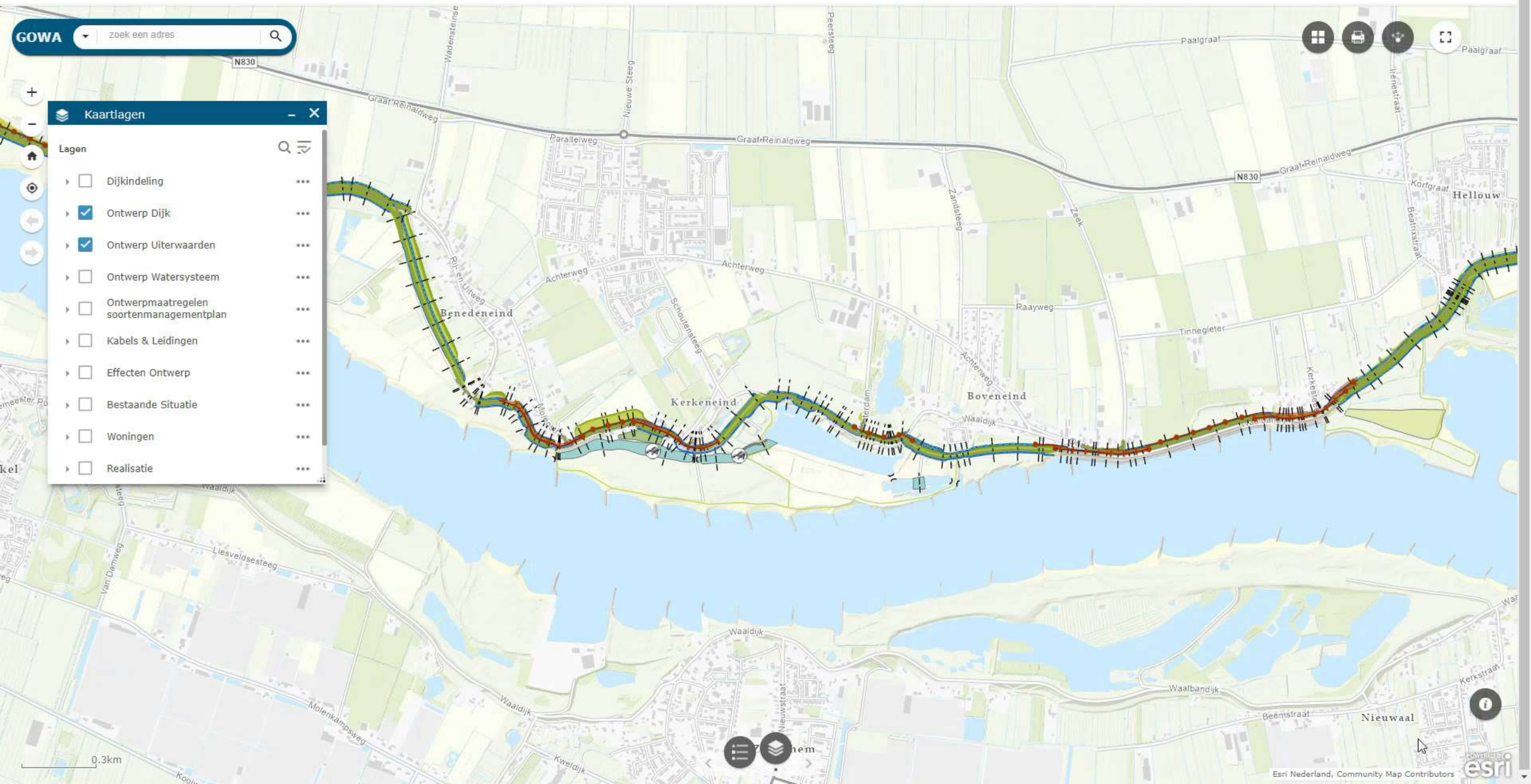


Start of the pilot project
Houtribdijk



GOWA

- Kaartlagen**
- Lagen
- Dijkindeling
 - Ontwerp Dijk
 - Ontwerp Uiterwaarden
 - Ontwerp Watersysteem
 - Ontwerpmaatregelen soortenmanagementplan
 - Kabels & Leidingen
 - Effecten Ontwerp
 - Bestaande Situatie
 - Woningen
 - Realisatie





Milieueffectrapport Luchtvaartnota 2020- 2050



PlanMER Luchtvaartnota 2020 - 2050

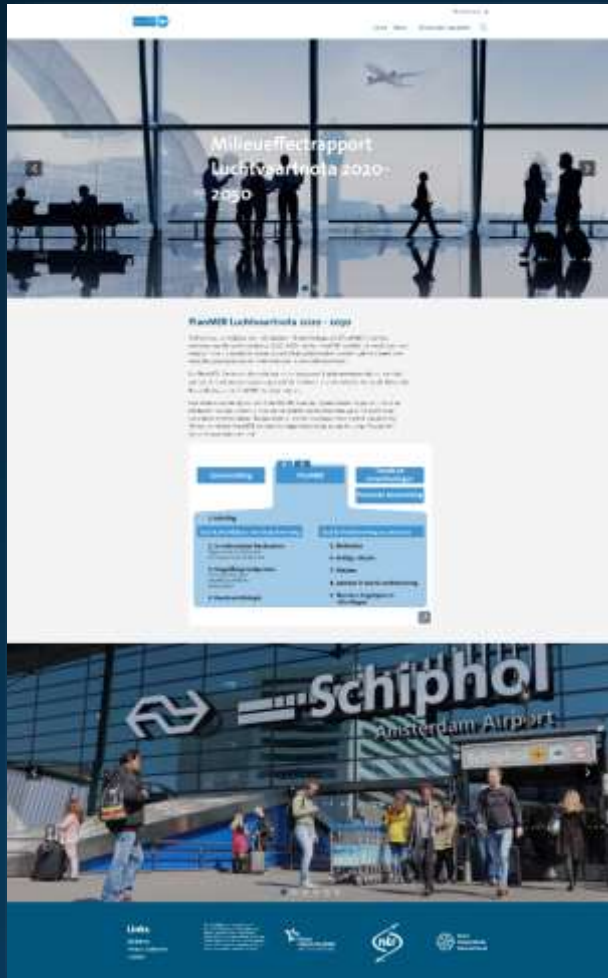
Welkom op de website van het digitale milieueffectrapport (PlanMER) voor het ontwerp van de





Examples

SEA Nat. Aviation Policy Memorandum



EIA Dyke improvement GoWa



Coastal protection, Philippines



Digital participation

The screenshot shows a web application interface for digital participation. At the top, there is a navigation bar with the Royal HaskoningDHV logo on the left and menu items: Home, Project, eParticipation (highlighted), Virtual Tour, WebApp Kaartatlas, Downloads, and a search icon. A link for 'Feedback? Click here!' is also present.

The poll

The first option and the simplest form is the poll. An example of this is shown here. This example contains arbitrary information not associated with a project.

Can eParticipation be of value in your project?

- Yes, eParticipation increases people's involvement:
- No, at most additionally, live meetings remain necessary:

Below the options are two images: a laptop on a wooden table with a coffee cup, and a group of people in a meeting room.

Opslaan

After 2 weeks, for example, the poll can be closed and the poll can be replaced by the results of the poll at this location:

Do people favor eParticipation over live meetings?

Results poll
Total respondents: 108

In February we asked people their opinion about the value of eParticipation in comparison with live meetings. In the graph below you see the outcome of the this poll.

Online participation is important

From digital report to digital platform



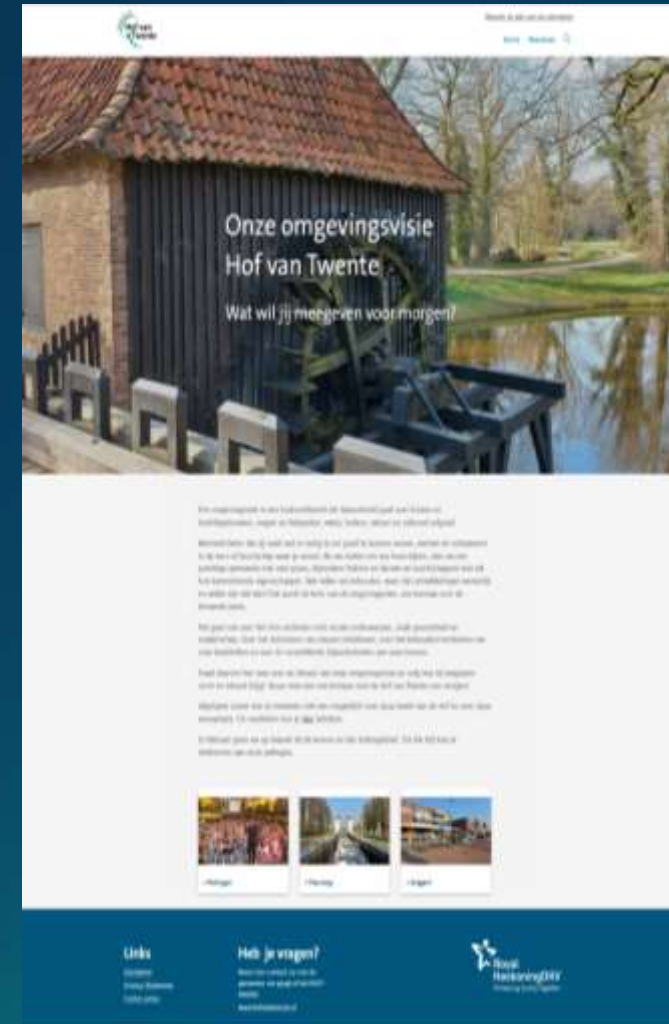
Pilot project digital participation - information about the pilot

1. Purpose : investigate the added value
2. 9 projects
3. Scope: Informing and consulting without direct online interaction
4. Research based on questionnaires, in-depth interview and interviews



Pilot project digital participation – results and conclusions

1. Define goal, target group and appropriate tools
2. Easy accessible and greater reach
3. Combine digital and in-person participation
4. Preconditions: Good preparation, transparency, communication



Pilot project – recommendations for use in projects

1. Choose tools based on purpose and target group
2. Combine regular and digital participation for added value
3. Offer a safe environment and guarantee the privacy
4. Share the results
5. Use monitoring software
6. Learn from user experience



Pilot project – recommendations for further development

1. Use monitoring software
2. Explore the role of social media
3. Establish best practices



Example

Digital Museum



Thanks for your attention!



Virtual consultation room (single viewpoint)

Let's continue the conversation!

Post questions and comments in the IAIA23 app.



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