Royal HaskoningDHV
Enhancing Society Together

Demo iReport PDF

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Introduction

You are currently reading a publication within the Demo iReport of Royal HaskoningDHV. A publication is what would be in tradition reporting a report or document. On the left side of this page you will find a menu with a variety of articles. Some of these menu items will open up and show different sections (Moekotte, 2023).

In this demo-Publication we have added a multitude of interactive elements to highlight the diversity of visualisation options. These options are sometimes fully embedded inside the iReport and in other cases following secure gateways to external platforms.

Most of the chapters and sections presented in this publication are taken from actual iReports. In those cases, where the content comes from an existing iReport, a link to the original iReport is added at the top of the page.

Enjoy reading our Demo iReport!

Three Dimensional Data

Current situation in 3D GIS

This page shows a single article selected from an existing iReport. The original iReport is in Dutch, this page contains a translated section of this iReport and serves the purpose of demonstrating the use of **3D GIS viewers** in an iReport.

Current Situation in 3D

The current situation of the paint factory is made visible in the 3D viewer below. You can click on the various elements to read the description of the activities or installation within the factory.

Alternative article: 3D visualisation of the inside of a paint factory

This alternative article belongs to the visual presented on the page Current Situation in 3D GIS

3D visualisation of the inside of a paint factory

The three dimension viewer shows the interior of a paint factory in the Netherlands. All the indoor elements of the paint factory have been presented below in a table.

ObjectID	Beschrijving	Ruimte	Code	kW
11	Productietank halffabrikaat/verf, 1.600l. staal, enkelwandig	1	1.3b	
14	Opslagtank, Lasprimer, 3.500liter, enkelwandig staal	1	1.21	
15	Productietank halffabrikaat/verf, 1.600l. staal, enkelwandig	1	1.3b	
21	Opslagtank, Lasprimer, 3.500liter, enkelwandig staal	1	1.21	
22	Buffertank, gereed product, 3.000l, enkelwandig staal	1	1.3	
23	Productietank halffabrikaat/verf, 1.600l. staal, enkelwandig	1	1.3b	
25	Opslagtank, diversen, 3.500l, enkelwandig staal	1	1.22	
26	Productietank halffabrikaat/verf, 1.800l. (2x R.V.S.) enkelwandig	1	1.5b	
27	Buffertank, gereed product, 3.000l, enkelwandig staal	1	1.3	
29	Opslagtank, Aquaprimer, 3.500l, enkelwandig staal	1	1.23	
30	Buffertank, gereed product, 3.000l, enkelwandig staal	1	1.3	
31	Productietank halffabrikaat/verf, 1.800l. (2x R.V.S.) enkelwandig	1	1.5b	
42	Buffertank, gereed product, 3.000l, enkelwandig staal	1	1.3	
45	Productietank halffabrikaat/verf, 1.800l. (2x R.V.S.) enkelwandig	1	1.5b	
48	Opslagtank, bindmiddel epoxy, 5.000l, enkelwandig staal, electrisch verwarmd	1	1.2	
49	Opslagtank, bindmiddel epoxy, 5.000l, enkelwandig staal, electrisch verwarmd	1	1.2	
54	Oplaadpunt (3x) t.b.v. electrische vorkheftrucks max laadstroom 40A	1	1.12	
57	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
58	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
59	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
60	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
61	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
62	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
63	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
64	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
65	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
66	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
67	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
68	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
69	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
70	Opslag dagproductie oplosmiddelen, ca. 15x200liter, incl. electrische pomp	1	1,14	
71	Opslagtank, bindmiddel xyleen, 12.000l, enkelwandig staal	1	1.1	
72	Opslagtank, bindmiddel xyleen, 12.000l, enkelwandig staal	1	1.1	
73	Opslagtank, bindmiddel terpentine, 12.000l, enkelwandig staal	1	1.1a	
82	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
83	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
84	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
85	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
86	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
87	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
88	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
89	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
90	Voorraad halffabrikaat dagproductie (ca. 9x 200liter)	2	2.9	
91	Opslagtank bindmiddel, 1.000liter, enkelwandig staal.	4	4.2	
92	Oplader t.b.v. electrische palletwagen (max. laadstroom 25A)	4	4.33	
93	Brandmeldinstallatie	4	4.32	
94	Opslag op stelling van diverse hulpstoffen in stalen blikken (25kg/stuk)	3	3.15	
102	Parelmolen	1	1.11b	2.5
103	Horizontale Parelmolen	1	1.9b	30
104	Parelmolen	1	1.11b	2.5
105	Horizontale Parelmolen	1	1.10b	37

ObjectID	Beschrijving	Ruimte	Code	kW
106	Vaste menger per tank	1	1.7b	6.8
107	Vaste menger per tank	1	1.7b	6.8
108	Vaste menger per tank	1	1.7b	6.8
109	Vaste menger per tank	1	1.7b	6.8
110	Dissolver, verrijdbaar op rails, t.b.v. tanks 3 en 5	1	1.6b	44
111	Dissolver, verrijdbaar op rails, t.b.v. tanks 3 en 5	1	1.6b	44
112	Tappunt verdunningen; a. Tolueen, b. Epoxy, c. Terpentine, d. Tolueen, e. Leidingwater	1	1.4b	
114	Tappunten verdunningen; a. Tolueen, b. Epoxy, c. Terpentine, d. Tolueen	1	1.2b	
115	Losplaats bindmiddel, 2x, t.b.v. bevoorrading van de tanks 1 in ruimte 1.	0	0.9	
116	Losplaats binmiddel, t.b.v. bevoorrading van tank 1a in ruimte 1.	0	0.8	
117	Kunststof IBC-container op pallet.	0	0.10	
118	Kunststof IBC-container op pallet.	0	0.10	
119	Losplaats binmiddel, t.b.v. bevoorrading van de tanks 2 in ruimte 1	0	0.7	
120	Ontluchtingspunten ondergrondse tanks, 5x.	0	0.11	
121	Pallets met stalen drums a 200liter	0	0,2	
122	Pallets met stalen drums a 200liter	0	0,2	
123	Pallets met stalen drums a 200liter	0	0,2	
124	Pallets met stalen drums a 200liter	0	0,2	
125	Pallets met stalen drums a 200liter	0	0,2	
126	Pallets met stalen drums a 200liter	0	0,2	
127	Pallets met stalen drums a 200liter	0	0,2	
128	Pallets met stalen drums a 200liter	0	0,2	
129	Ondergrondse tank verdunningen 16.000liter. (Terpentine)	0	0.12c	
130	Ondergrondse tank verdunningen 16.000liter. (Xyleen)	0	0.12d	
131	Ondergrondse tank verdunningen 16.000liter. (Tolueen)	0	0.12e	
132	Ondergrondse tank verdunningen 16.000 liter. (Epoxy verdunner)	0	0.5b	
133	Gestapelde lege houten pallets	0	0,4	
134	Gestapelde lege houten pallets	0	0,4	
135	Gestapelde lege houten pallets	0	0,4	
136	Gestapelde lege houten pallets	0	0,4	
137	Gestapelde lege houten pallets	0	0,4	
138	Gestapelde lege houten pallets	0	0,4	
139	Gestapelde lege houten pallets	0	0,4	
140	Gestapelde lege houten pallets	0	0,4	
141	Gestapelde lege houten pallets	0	0,4	
142	Vulpunten bindmiddelen, afsluitbare stalen bak half verzonken in de grond t.b.v. bevoorrading van ondergrondse tanks.	0	0.6	
145	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
147	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
149	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
151	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
153	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
164	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
171	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
173	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
175	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
178	Opslagtank pasta/halffabrikaat, 1.300l., enkelwandig staal. - elk voorzien van verfpomp (10x5kW)	4	4,27	5
195	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
196	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
197	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
198	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
199	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
200	Voorraadtank, hulpstoffen, 200l, enkelwandig staal	1	1,4	
208	Voorraaddrum, hulpstoffen, 200liter, enkelwandig staal, op stelling	1	1,8	
210	Voorraaddrum, hulpstoffen, 200liter, enkelwandig staal, op stelling	1	1,8	
213	Opslagtank base, 1.000l., enkelwandig staal	4	4.26	
214	Opslagtank base, 1.000l., enkelwandig staal	4	4.26	
215	Opslagtank base, 1.000l., enkelwandig staal	4	4.26	
216	Opslagtank base, 1.000l., enkelwandig staal	4	4.26	

ObjectID	Beschrijving	Ruimte	Code	kW
217	Opslagtank base, 1.000l., enkelwandig staal	4	4.26	
218	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
219	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
220	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
221	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
222	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
223	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
224	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
225	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
226	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
227	Halffabrikaat, ca. 10 x 200 liter	4	4,31	
228	Opslagtank, domalkyd, 9.000l., enkelwandig staal	3	3.8	
229	Opslagtank, domalkyd, 9.000l., enkelwandig staal	3	3.7	
230	Opslagtank, domalkyd, 9.000l., enkelwandig staal	3	3.6	
231	Opslag op stelling van diverse hulpstoffen in stalen blikken (25kg/stuk)	3	3.15	
232	Ondergrondse tank verdunningen 16.000 liter. (Voormalige nafta-opsalg, is niet meer in gebruik)	0	0.12a	
233	Opslagtank halffabrikaat, 1.500l., enkelwandig staal.	2	2.4c	
234	Opslagtank halffabrikaat, 1.500l., enkelwandig staal.	2	2.4a	
235	Opslagtank halffabrikaat, 700l., enkelwandig staal.	2	2.5c	
236	Opslagtank halffabrikaat, 700l., enkelwandig staal.	2	2.5a	
237	Opslagtank halffabrikaat, 700l., enkelwandig staal.	2	2.5b	
238	Opslagtank halffabrikaat, 700l., enkelwandig staal.	2	2.5d	
244	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.6a	
245	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.6a	
246	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.3a	
247	Opslagtank halffabrikaat, 1.500l., enkelwandig staal.	2	2.4d	
248	Opslagtank halffabrikaat, 1.500l., enkelwandig staal.	2	2.4b	
261	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.3b	
262	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7h	
263	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7a	
264	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7i	
265	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7b	
266	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7j	
267	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7c	
268	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.3c	
269	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7k	
270	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7d	
271	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7l	
272	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7e	
273	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.3d	
274	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7m	
275	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7f	
276	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7n	
278	Opslagtank halffabrikaat, 1.000l, enkelwandig staal.	2	2.7g	
279	Opslagtank halffabrikaat, 2.000l., enkelwandig staal.	2	2.3e	
287	Opslagvat vuile verdunning xyleen, 400l., enkelwandig staal.	4	4.28	
288	Opslagvat vuile verdunning xyleen, 400l., enkelwandig staal.	4	4.28	
289	Opslagvat vuile verdunning xyleen, 400l., enkelwandig staal.	4	4.28	
290	Opslagkast t.b.v. pallets met lege ongereinigde emballages, 2 etages.	0	0.1	
291	Opslagkast t.b.v. pallets met lege ongereinigde emballages, 2 etages.	0	0.1	
292	Opslagkast t.b.v. pallets met lege ongereinigde emballages, 2 etages.	0	0.1	
293	Opslagkast t.b.v. pallets met lege ongereinigde emballages, 2 etages.	1	0.1	
294	Pallets met stalen drums a 200liter	0	0.2	
295	Pallets met stalen drums a 200liter	0	0.2	
296	Pallets met stalen drums a 200liter	0	0.2	
297	Pallets met stalen drums a 200liter	0	0.2	
298	Pallets met stalen drums a 200liter	0	0.2	
299	Pallets met stalen drums a 200liter	0	0.2	
300	Open container t.b.v. oud ijzer, 8m3		0	0.5

ObjectID	Beschrijving	Ruimte	Code	kW
301	Losplaats binmiddel, 3x t.b.v. bevoorrading van tanks 6,7,8 in ruimte 3	0	0.3	

Looking around a 3D building design

This page shows a single article with dummy content. The selected article below is written in **English** serves the purpose of demonstrating the use of a **3D NavisWorks** model in an iReport. Apart from this file format, the iReport supports many more types such as InfraWorks, AutoCad or Revit.

Architecture

The world is ever changing and so is its built environment. The role of the architect within a project team is now more crucial than ever as the demand for high quality built environments for a low budget is growing rapidly. The iReport platform is capable of showing these architectural designs in interactive 3D software in a variety of formats. Likewise architecture, also industrial and engineering design can easily be shared with iReport.

Our team of architects is specialised in working on large and complex projects. We pride ourselves on being inventive, innovative and an asset to the team, whether we are designing a building, making an urban plan or designing a bridge.

Our clients include multinationals, governments and private developers. We have experience with international and national projects and projects in complex environments.

Being part of a large engineering and management firm means that we can tap from the vast expertise of our colleagues as the lines of communication are extremely short. This allows us to work more efficiently and effectively than most independent architectural firms do.

The world is ever changing and so is its built environment. The role of the architect within a project team is now more crucial than ever as the demand for high quality built environments for a low budget is growing rapidly.

The world is ever changing and so is its built environment. The role of the architect within a project team is now more crucial than ever as the demand for high quality built environments for a low budget is growing rapidly.

Alternative article: Visual of a 3D Building Design

This alternative article belongs to the visual presented on the page Looking around a 3D building design

Visual of a 3D building design

The viewer that has been used in the original article is depicting a 3D building. In this article the details of this building have been presented in various tables below.

Building description

The 3D model is a three-story high building placed on a 90 by 90 meters lot. It is U-shaped and designed to be an office building. The outside of the building consists of primarily glass walls. The entrance of the building is in the outer side of the U-shape. On the inner side another entrance is designed.

Three skylights in the roof create light for the three stairwells inside the building. On the east side of the building a parking lot is created with 27 parking spots.

Metadata tables

The metadata of the 3D building design has been presented in two tables below.

Item	
Name	Office Building.nwc
Type	File
Icon	File
Hidden	No
Required	No
Material	
Unit	Feet

Location	
Name	Location Data
Latitude	0.75033
Longitude	-1.24723
Timezone	-5
ProjectLocation	Internal

360°-viewpoints in rendered models

This page serves the purpose of demonstrating the use of a 360°-viewpoint of a rendered model. Currently there are no openly accessible iReports that make use of this feature, therefore the content below is fictional.

In the harbor of Rotterdam we are changing the position of the railroads along 4 kilometers. This trajectory is called the Theemswegtracé. The 4 kilometer long viaduct of the Theemswegtracé is now prominent along the Theemsweg.

Photos & Video

Share via a video

This page shows part of a single article selected from an existing iReport: RHDHV's Annual Report and the Responsible Sustainable Business (RSB) Update 2020. The selected article (from the RSB) below serves the purpose of demonstrating the use of video in an iReport.

Parametric solution points way towards more sustainable design

A parametric approach enables us to create scalable design solutions, which effectively turn projects into products. What this means for clients is that by introducing flexibility into the design solution, it can be adapted to changing requirements and market circumstances by simply changing the respective parameters. The parametric model defines the DNA of the product family, generating the building blocks and components to create any configuration in response to project-specific input.

Better designs through a parametric way of working

The video below by Royal HaskoningDHV is in Dutch in a colleague explains about environmental plans. The video comes with subtitles and additionally a transcript is made available below the video.

High-tech tools and wooden structure for more sustainable offices

Wood is sustainable, durable, stores carbon and its lighter weight reduces transport costs. It was therefore a natural choice for the Monarch IV development in the Hague which will provide much-needed government office space in the city. Importantly, the use of wood aligns with the challenging environmental ambitions of the government in the Netherlands. The stability system for the tower is provided by wooden diagonals in a structural grid. Parametric design tools enabled dimensions of each individual support column to be calculated, rather than standardising elements within each floor. The precision of these calculations reduced the total amount of wood required by 30%. Our integrated parametric approach also offered opportunities to optimise the façade. A computer algorithm calculated more than 3,600 variants of the façade to deliver an optimum equilibrium between the use of materials, ingress of daylight and energy consumption.

For the rest of the article we refer to the iReport itself. The iReport can be reached via the button at the top of this page.

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).

Old and new, good and better with Image comparison

In many cases it is useful to be able to compare situations quickly and easily. This can be geographic maps on which existing and new situations have been drawn or photos of an old and new situation. This can also concern existing and future situations where the future situations are projected on a photo. The future situation then comes from a 3D model, for example.

In the example below, an aerial photograph of an earlier situation in Sochi is compared with the situation after the realization of the infrastructure, stadiums and buildings for the Olympic Games in Sochi in 2014.

The use of images to compare situations can be of value in all kinds of reports. Consider, for example, environmental impact reports that provide insight into the effect of, for example, the placement of wind turbines on the landscape. This naturally places demands on the visual assemblies.

The purpose of verified visual montages, or sometimes referred to as Accurate Visual Representations, is often used in planning and environmental impact assessment and is intended to impartially represent the proposed development as it would actually be expected.

Numbers & Figures

Tables formatted with CSS and easy to update

This page shows a single article selected from an existing iReport. The selected article below is written in English serves the purpose of demonstrating the use of statistical data presented in **Tables** in an iReport.

The net turnover by geographical area can be broken down as follows:

Region	2020	2019
the Netherlands	332,002	327,575
Asia Pacific (excl. ID)	54,692	53,042
Africa, Middle East and India (excl. SA)	54,565	73,717
Continental Europe (excl. NL)	48,107	40,695
United Kingdom	45,032	56,891
South Africa	25,943	37,716
Americas	24,711	48,636
Indonesia	8,841	11,431
	593,893	**649,703**

During the year 2020 on average 5,069 (2019: 5,142) employees were employed by the Group.

The head count (excluding flexible workforce and minority interests) per end of year by geographical area can be broken down as follows:

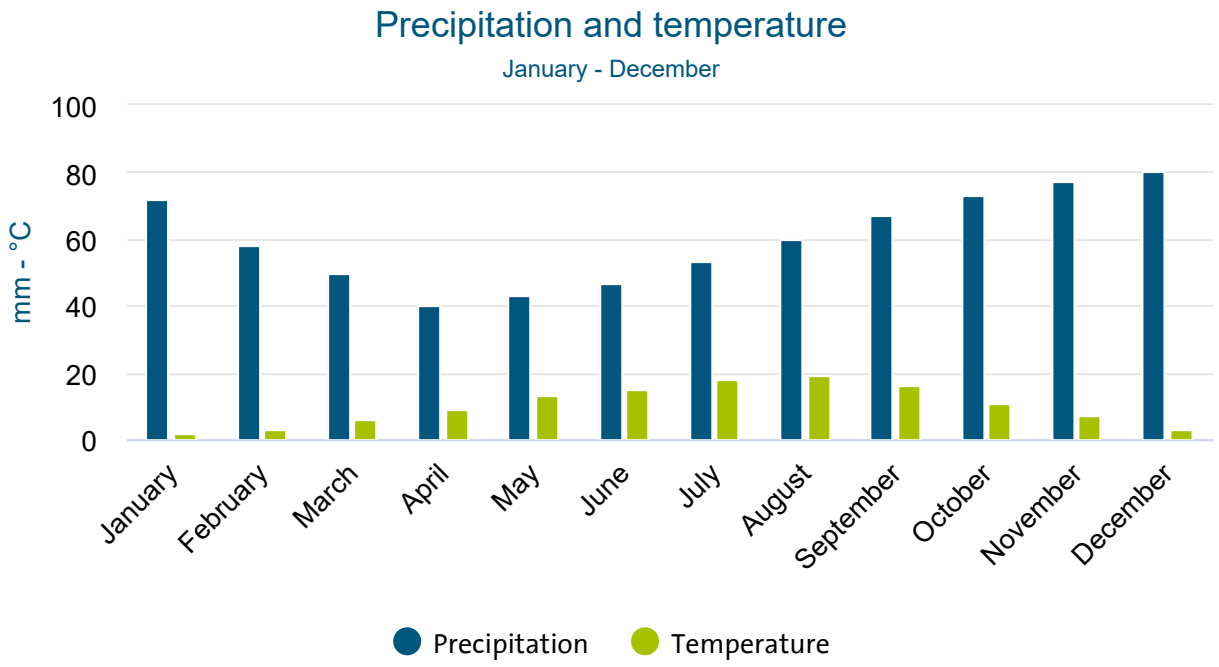
Region	2020	2019
the Netherlands	3,130	3,025
United Kingdom	527	568
South Africa	368	436
Africa, Middle East and India (excl. SA)	312	373
Asia Pacific (excl. ID)	309	336
Indonesia	129	198
Continental Europe (excl. NL)	140	134
Americas	73	80
	4,988	**5,150**

Precise data in a clear manner with dynamic graphs

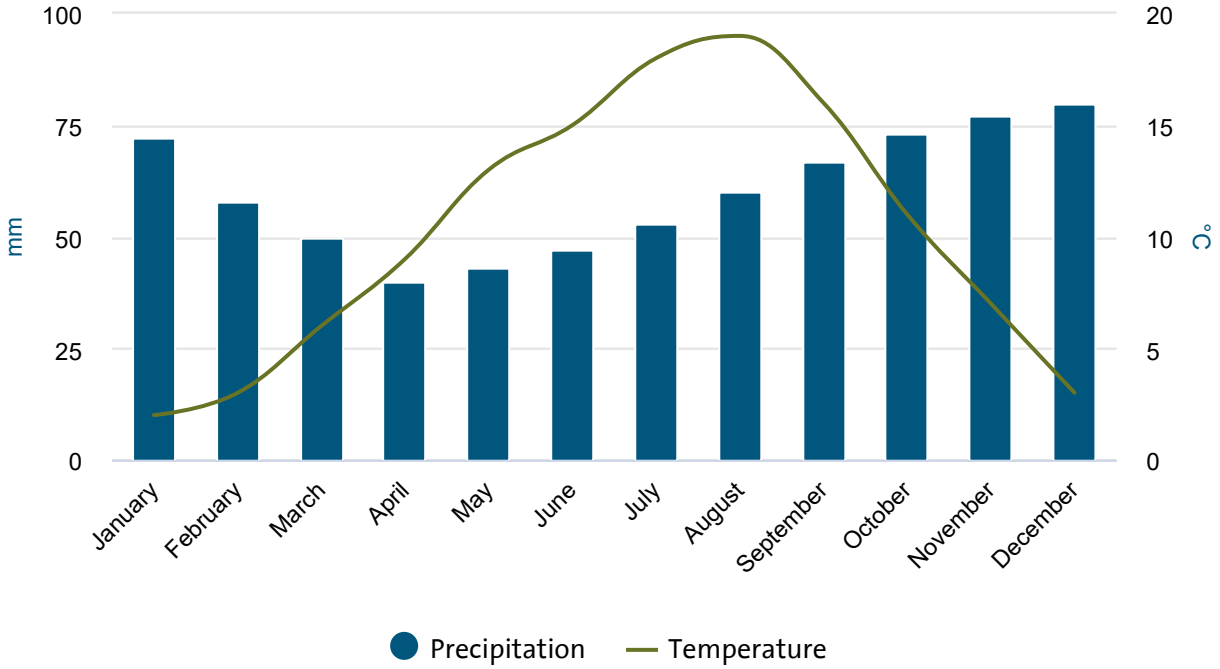
In this article we will show you the possibilities of using dynamic charts. We do this on the basis of data from a simple table about precipitation over 12 months of the year. The data is randomly chosen for the purpose of this example and does not refer to a specific year or location.

Type	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Precipitation (in mm)	72	58	50	40	43	47	53	60	67	73	77	80
Temperature (in °C)	2	3	6	9	13	15	18	19	16	11	7	3

The information from the table can be displayed graphically in various ways. There are 8 types of charts to select as standard. If necessary, other types can be added. From the selection of 8, 2 shapes are now shown here as an example.



You can read detailed information within the chart by hovering the mouse over the chart.



Infographics & Interactivity

Full flexibility with HTML5

This page shows a single article selected from an existing iReport. The selected article below is written in English serves the purpose of demonstrating the use of **HTML5-scripts** in an iReport.

Employability

The world of work is changing. Across all sectors, new jobs are being created and others are being changed as a result of trends such as digital innovation, workforce demographics and increased competition. It is important that our employees continue to be employable in the long term which is why we focus on modern employment relationships and employment conditions, dynamism and continuous development.

Of course, for most colleagues, homes became the primary working environment during 2020. With different restrictions in different countries, monitoring the well-being of our colleagues and acting on it is essential. That is why we regularly invite colleagues for a resilience and well-being pulse check. The main challenges are connected to keeping a healthy work-life balance.

Alternative article: Headcount geographical area

This alternative article belongs to the visual presented on the page Full flexibility with HTML5

Employees world

- Netherlands: 3076
- Continental Europe (excl. NL): 143
- United Kingdom: 532
- Americas: 77
- South Africa: 368
- Africa, Middle East and India (excl. SA): 318
- Asia Pacific (excl. ID): 308
- Indonesia: 129

Total: 4951

Contract type

- Permanent: 4408
- Non permanent: 543

External employees

- Agency worker: 291
- Selfemployed, Freelance, Contracter: 145
- Timeworker: 37

Interns

- Interns: 100

Interactive visuals make a lot of text unnecessary

This page shows a information from the existing iReport 'PlanMER Luchtvaartnota. The information serves the purpose of demonstrating the use of **interactivity in visuals** in an iReport.

Interactive visuals make information understandable

Interactive visuals offer the possibility to explain the visual, but also to replace texts with visual information, whereby (parts of) texts can be layered under the visual. In addition to placing text under the visual, it is also possible to link videos or links to the visual.

Below is an example of an interactive visual from the iReport 'PlanMER Luchtvaartnota'. It is also shown how the same information could be visualised in the PDF.

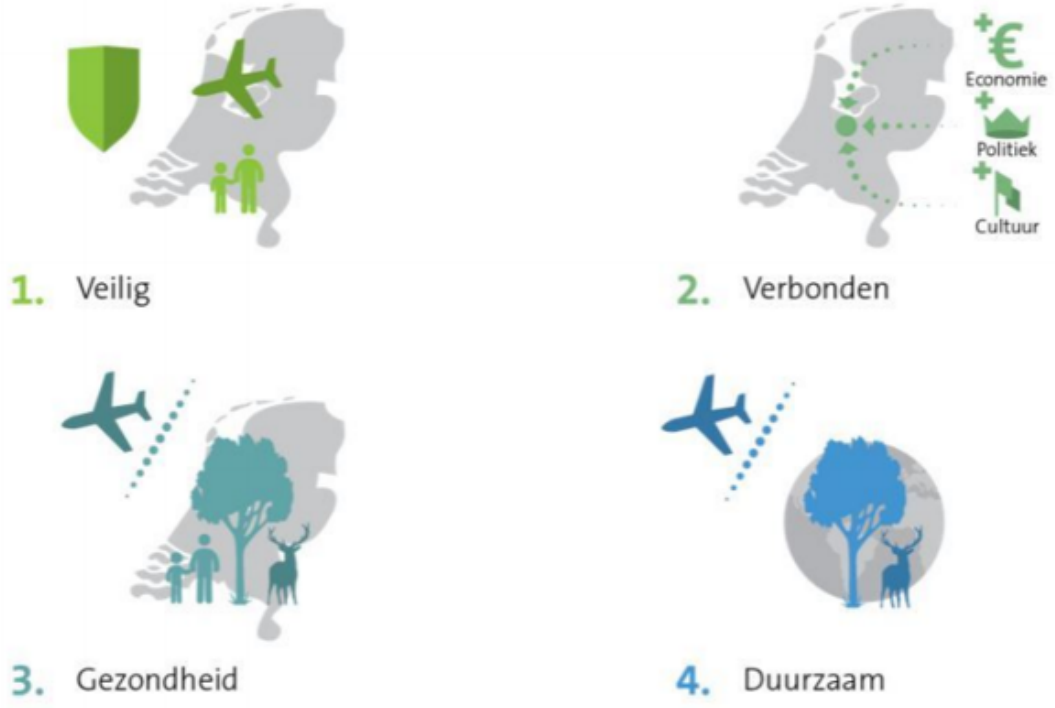
Example of an interactive visual with layered information in text

Here is an example of an interactive visual with layered information in text. Below the interactive visual a screenshot is shown how this is presented in the pdf of the document.

When creating the iReport, it is easy to indicate per channel (desktop or laptop, tablet, mobile phone or PDF) which information, and how this should be displayed.

In the PDF, the information from the example above is presented as follows:

1. Nederland veilig houden staat voorop. Vanuit de luchtvaart betekent dit veiligheid voor en beveiliging van vliegtuigpassagiers en bemanning, en veiligheid voor bewoners en aanwezige personen op de grond. Ontwikkelingen in de luchtvaart mogen niet ten koste gaan van de veiligheid.
2. Nederland blijft goed verbonden met de belangrijke bestaande en nieuwe economische, politieke en culturele centra in de wereld. Deze verbondenheid draagt bij aan onze welvaart en welzijn. Luchtvaart levert een bijdrage aan deze verbondenheid vanuit de eigen specifieke meerwaarde. Niet het aantal vluchten en bestemmingen is bepalend, maar de kwaliteit ervan.
3. Nederlanders leven in een leefomgeving die aantrekkelijk en gezond is. De luchtvaart (geluidhinder en emissies van stoffen) wordt minder belastend voor mens en natuur. De kwaliteit van de leefomgeving is bepalend voor de ontwikkelingsmogelijkheden van de luchtvaart en van de luchthavenregio.
4. Nederland is een duurzaam land. De kwaliteit van de Nederlandse luchtvaart neemt toe door een afname van de negatieve klimaatinvloed, door een afname van de CO_2-uitstoot en andere emissies die het klimaat negatief beïnvloeden.



Screenshot of how the information in the PDF will be displayed

Alternative article: Four themes in aviation planning

This alternative article belongs to the visual: *Four themes in aviation planning*, presented on the page Interactive visuals make a lot of text unnecessary

Four themes in aviation planning

1. Veilig

Nederland veilig houden staat voorop. Vanuit de luchtvaart betekent dit veiligheid voor en beveiliging van vliegtuigpassagiers en bemanning, en veiligheid voor bewoners en aanwezige personen op de grond. Ontwikkelingen in de luchtvaart mogen niet ten koste gaan van de veiligheid.

2. Verbonden

Nederland blijft goed verbonden met de belangrijke bestaande en nieuwe economische, politieke en culturele centra in de wereld. Deze verbondenheid draagt bij aan onze welvaart en welzijn. Luchtvaart levert een bijdrage aan deze verbondenheid vanuit de eigen specifieke meerwaarde. Niet het aantal vluchten en bestemmingen is bepalend, maar de kwaliteit ervan.

3. Gezondheid

Nederlanders leven in een leefomgeving die aantrekkelijk en gezond is. De luchtvaart (geluidhinder en emissies van stoffen) wordt minder belastend voor mens en natuur. De kwaliteit van de leefomgeving is bepalend voor de ontwikkelingsmogelijkheden van de luchtvaart en van de luchthavenregio.

4. Duurzaam

Nederland is een duurzaam land. De kwaliteit van de Nederlandse luchtvaart neemt toe door een afname van de negatieve klimaatinvloed, door een afname van de CO_2-uitstoot en andere emissies die het klimaat negatief beïnvloeden.

Maps are powerful information sources

This page shows a single article selected from an existing iReport. The selected article below is written in Dutch serves the purpose of demonstrating the use of **3D GIS viewers** in an iReport.

Gebiedstypologieën

Op de kaart zijn gebiedstypologieën weergegeven. De acht gebiedstypologieën zijn abstracties en hulpmiddelen bij het ontwikkelen van het omgevingsbeleid zoals dat terechtkomt in de omgevingsvisie en nadien wordt uitgewerkt in het omgevingsplan en de programma's. In de omgevingsvisie helpen de gebiedstypologieën ook om het verhaal van het beleid te ordenen en te presenteren. De gebiedstypologieën zijn weergegeven op de kaart om eenvoudiger een indruk te krijgen van welk soort gebieden en welk soort beleid in een gebiedstypologie behandeld worden.

Indeling van de gebiedstypologieën

Bij het ontwikkelen van het omgevingsbeleid gebruiken we gebiedstypologieën. Dat zijn perspectieven op de fysieke leefomgeving waarmee we waarden, opgaven en doelen scherper in beeld brengen. Een typologie is een beschrijving van een soort gebied, zoomt in op een aantal beleidsonderwerpen, schetst een regime en kan geassocieerd worden met concrete gebieden van ons territoir. De gebiedstypologie is een hulpmiddel en biedt een denkrichting voor ontwerp, inrichting en beheer, voor functies en regels. Een gebiedstypologie is juridisch niet bindend en kan niet één op één toegepast worden op locaties omdat het geen bestemming is.

Hyperlinks to everywhere

In a bustling digital realm, a curious explorer named Mia stumbled upon a shimmering hyperlink while browsing her favorite blog. Intrigued, she clicked it and was instantly transported to a vibrant marketplace filled with artisans from around the world. Each stall showcased unique crafts, from intricate jewelry to handwoven textiles, all accompanied by stories of their creators. Mia felt as if she had stepped into a living tapestry of cultures, each click revealing a new layer of the world.

As she navigated through this virtual bazaar, another hyperlink caught her eye, promising a journey to the depths of the ocean. With a single click, she found herself swimming alongside colorful fish and majestic sea turtles, exploring coral reefs that danced with life. The experience was so immersive that she could almost feel the cool water and hear the gentle waves. Each hyperlink was a doorway to a new adventure, reminding her that the internet was not just a collection of pages but a vast universe waiting to be explored.

Click on the two tiles, Building Sites and Brutalist Architecture, below to read more about these innovations.

Buildings Sites

Read more: Follow this hyperlink to read more about building sites

Brutalist Architecture

Read more: Follow this link to view an indoor model

Finally, Mia discovered a link that led her to a serene mountaintop, where she could gaze at the stars twinkling in the night sky. Here, she reflected on her journey, realizing that hyperlinks were more than just connections; they were bridges to experiences that transcended time and space. With every click, she was reminded that the world was interconnected, and through the magic of the internet, she could travel anywhere her imagination took her.

Structure content in accordions

In the ever-evolving landscape of technology and innovation, the line between reality and absurdity often blurs. This report highlights five fictitious innovations that, while entirely made up, showcase the creativity and humor that can arise in the world of invention. These concepts serve as a reminder of the playful side of innovation and the importance of critical thinking in evaluating new ideas.

1. The Self-Butter Toast Machine

Imagine a kitchen appliance that not only toasts your bread but also applies butter automatically. The **Self-Butter Toast Machine** (SBTM) claims to revolutionize breakfast by eliminating the need for manual buttering. With its patented "Butter Dispensing Technology," the SBTM promises to deliver perfectly buttered toast every time.

Features

- **Automatic Butter Application**: Using a complex system of sensors, the SBTM detects the toast's temperature and applies the exact amount of butter needed.
- **Flavor Infusion**: Users can select from a variety of butter flavors, including garlic, herb, and even chocolate.
- **Self-Cleaning Mechanism**: After use, the machine cleans itself, ensuring no butter residue remains.

Conclusion

While the SBTM sounds convenient, the reality of butter melting at different rates and the potential for a buttery mess makes this innovation more of a comedic fantasy than a practical solution.

2. The Mood-Sensing Coffee Mug

The **Mood-Sensing Coffee Mug** is designed to enhance your coffee-drinking experience by adjusting the temperature and flavor based on your mood. Utilizing advanced AI and biometric sensors, this mug claims to read your emotional state and respond accordingly.

Features

- **Mood Detection**: The mug analyzes your facial expressions and heart rate to determine if you need a calming chamomile or an energizing espresso.
- **Temperature Control**: It adjusts the coffee temperature to match your mood—hotter for excitement, cooler for relaxation.
- **Personalized Messages**: The mug displays motivational quotes or jokes based on your current emotional state.

Conclusion

While the idea of a mug that understands your feelings is amusing, the practicality of accurately interpreting human emotions through a cup is highly questionable, making it a humorous yet unrealistic concept.

3. The Infinite Looping Alarm Clock

The **Infinite Looping Alarm Clock** is designed for those who struggle to wake up in the morning. This clock features a unique alarm system that plays your least favorite song on a continuous loop until you get out of bed.

Features

- **Customizable Torture Playlist**: Users can select songs they dislike the most, ensuring a truly unpleasant wake-up experience.
- **Bed Exit Detection**: The alarm only stops when it senses you have physically left your bed, making snoozing impossible.
- **Sleep-Deprivation Mode**: For the truly dedicated, this mode gradually increases the volume every five minutes until you are forced to wake up.

Conclusion

While the concept of a relentless alarm clock is humorous, the potential for sleep deprivation and grumpiness makes this innovation more of a prank than a viable product.

4. The Pet Translator 3000

The **Pet Translator 3000** claims to bridge the communication gap between humans and their pets. This device supposedly translates barks, meows, and other animal sounds into human language, allowing for meaningful conversations with your furry friends.

Features

- **Real-Time Translation**: The device uses advanced algorithms to interpret animal sounds and provide instant translations.
- **Personality Profiles**: It creates detailed profiles of pets, including their likes, dislikes, and emotional states.
- **Interactive Conversations**: Users can engage in back-and-forth dialogues with their pets, complete with witty responses.

Conclusion

While the idea of conversing with pets is delightful, the scientific feasibility of accurately translating animal sounds into human language remains firmly in the realm of fantasy.

5. The Time-Traveling Toaster

The **Time-Traveling Toaster** is perhaps the most ambitious of all fake innovations. This toaster claims to not only toast bread but also transport it through time, allowing users to enjoy toast from any historical period.

Features

- **Historical Toast Settings**: Users can select from various eras, such as the Renaissance or the Roaring Twenties, to experience the unique flavors of toast from those times.
- **Time-Travel Safety Protocols**: The toaster includes safety features to prevent paradoxes, ensuring that your breakfast doesn't alter the course of history.
- **Collectible Toast**: Each slice of toast comes with a collectible card detailing its historical significance.

Conclusion

While the notion of time-traveling toast is undeniably entertaining, the scientific impossibility of time travel makes this innovation a humorous fantasy rather than a feasible product.

Conclusion

These five fictitious innovations highlight the humorous side of creativity in technology. While they may not be practical or possible, they serve as a reminder of the importance of imagination in the innovation process. As we continue to explore new ideas, it's essential to maintain a sense of humor and recognize the absurdity that can sometimes accompany the pursuit of progress.

The timeline

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.

Virtual Tours

Alternative article: Single-viewpoint

This alternative article belongs to the visual presented on the page Single-viewpoint

Single-viewpoint

The single-viewpoint consultation room consist of different elements that are made accessible below.

Banner 1 on the wall

Environmental assessment
One Stop, full service

- EIA and SEA process
- Identifying alternatives
- Screening and scoping
- Climate adaptation and mitigation
- Biodiversity and nature
- Landscape and cultural history
- Social impacts and sustainability
- Air quality and noise impact
- Health, safety and third party risk
- Water management

https://www.royalhaskoningdhv.com

Banner 2 on the wall

Innovation in Impact Assessment

Frontrunner in the digital interactive Environmental Impact Statement, making reporting more:

- Accessible
- Attractive
- Interactive
- Transparent

Find out more on https://royalhaskoningdhv.com/theneweis

Photo: IEMA Sustainability Impact Awards 2019

Paul Eijssen wins the IEMA Sustainability Impact Award

Mobile phone on the table

iReport

The online tool shaping the future of project reporting.

iReport delivers clear insights in complex information, improving stakeholder engagement via easy to access online content.

From initial project feasibility studies, masterplans, forecasting and capacity studies to final project reports and evaluation, iReport is already used for many clients in projects around the world.

iReport is a web-based application that provides a whole range of visual and interactive information. A few clicks is all it takes to ensure your plan for a complex multi-stakeholder project is manageable and accessible to all target groups.

iReport delivers a project website, that is easy to design, including a professional homepage, multiple publications, eParticipation and of course downloadable PDFs of the online content. All of this is achieved without an impactful change in the way of working.

Increase support for your project, improve decision-making and boost productivity within your project. Instead of lengthy text documents, you can use 3D models, video, audio, and maps to present the same information in an appealing, digital format.

The feature eParticipation enables optimal stakeholder engagement. Visitors in an iReport can be asked to leave comments in the report, so the project team is in close contact with their client, residents, or any other group of stakeholders.

Digital accessibility is optimized for iReport. This is beneficial for people with less quality of sight or any other restrictions in consuming information.

Curious about how an iReport would enhance your project? Have a look at the examples on the website, via the QR-code.

For questions around iReport, please reach out to Paul Eijssen

Newspaper on the table

The newspaper on the table can be downloaded as a PDF document.

Alternative article: Multi-viewpoint

Note to Accessibility: This article shows a subset of the content made accessible to illustrate the way of how we want to present the content in an accessible way.

This alternative article belongs to the visual presented on the page Multi-viewpoint

About this expo

Welcome to our 3DExpo.

In this exhibition you can explore a selection of digital tools that we developed for our flood resilience projects.

If you have any questions or wish to visit the exhibition with one of our experts, please let us know: send an e-mail to micheline.hounjet@rhdhv.com

Video on the wall 1, CoastalFOAM simulation result

This short video of around 10 seconds shows how waves are being stopped by a double layer of walls on the top of a dike. The first small wall makes the wave crash, the second slightly higher wall will stop the wave completely.

Video on the wall 2, Dijkversterking Noordzijlvest

In this video four alternative dike designs are presented. The first design is modifying the existing dike and make it higher. The second alternative is to create a retaining wall in the existing dike. The third alternative is to heighten the dike on the sea side. The fourth alternative is to heighten and roughening the existing dike on the sea side

In addition to that the video shows that there will be:

- Natural transitions and underwater nature.
- Fresh-salt transition and fish migration,
- Salt marsh development with brushwood dams

More opportunities for birds, fish and shellfish on the border of the dike and water. Opening in the dike creating new nature and attracting fish to the hinterland and stimulating salt marsh development through the construction of brushwood dams and drainage ditches.

Video with subtitles, STAIN

STAIN Play with Solutions to design resilient cities

Video: STAIN - Royal HaskoningDHV Enhancing Society Together

3D Model (Interactive design)

Interactive design is used in phases where the calculated dike design is visualised to discuss variations and scenarios with the client or inhabitants. The developments on the subject make it possible to link our calculated designs quickly to a 3D environment. This automated process helps to achieve a standard approach with a high standard quality, while being able to add more interactivity according to the needs of the end-users.

Video without spoken text

Royal HaskoningDHV - Enhancing Society Together
Dijkversterking Vlieland
3D Visualisatie - Alternatief 2A (8 Maart 2018)
Classificatie: Openbaar

In the one-minute video a digital impression is given of what the new dike could look like. A cycle and walking paths are along both sides of the dike and stairs enable pedestrians to cross the dike. The dike is covered in grass on the land side and with rocks on the sea side.

Video: Dijkversterking Vlieland - Royal HaskoningDHV Enhancing Society Together (8 maart 2018)