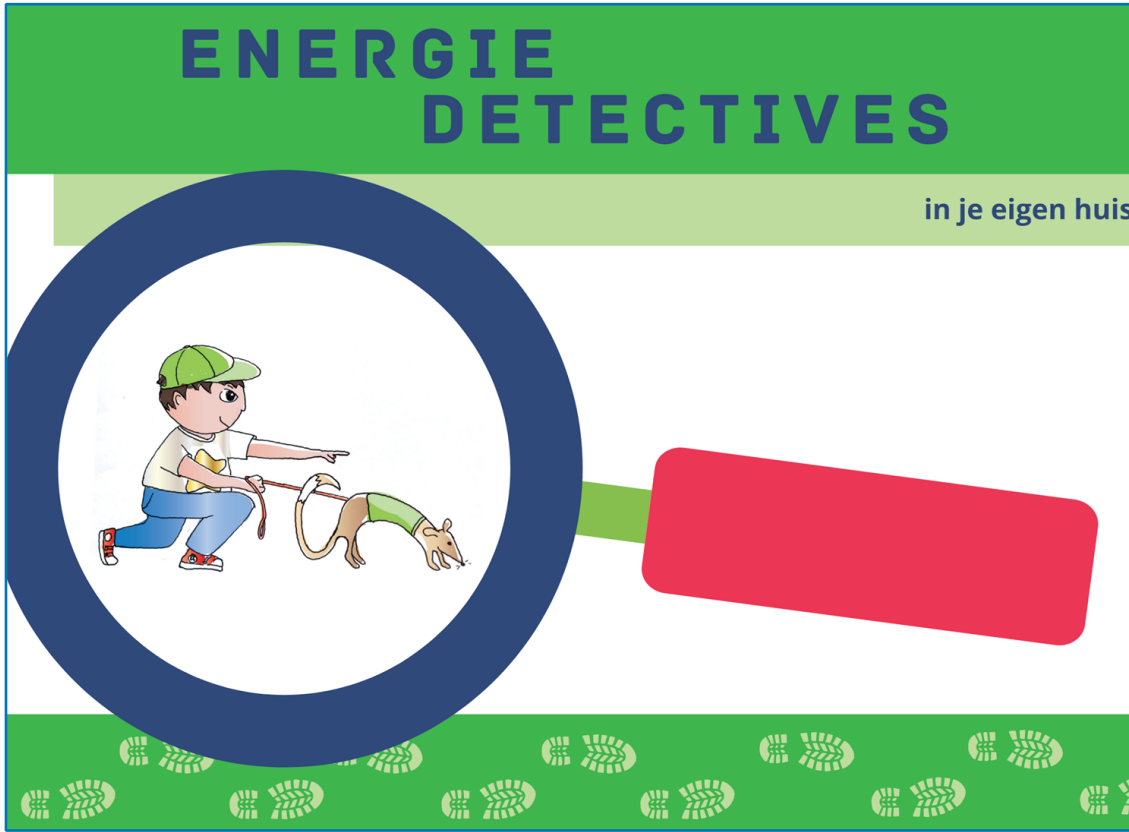


Energy Treasure hunt



	<i>Unique characteristics of this example in three bullets</i>
1	<i>Energy quest for indoor (at home) and outdoor (in own neighborhood) (Corona proof), creating interest in sustainability in a playful way</i>
2	<i>Raising energy awareness for children 10-12 years old, BUT also their parents and teachers</i>
3	<i>Opportunity to reach residents through the children and discuss the personal impact of the energy transition</i>

<i>Why would everybody want this solution or example?</i>
<i>It is FUN and easy to REPLICATE!</i>



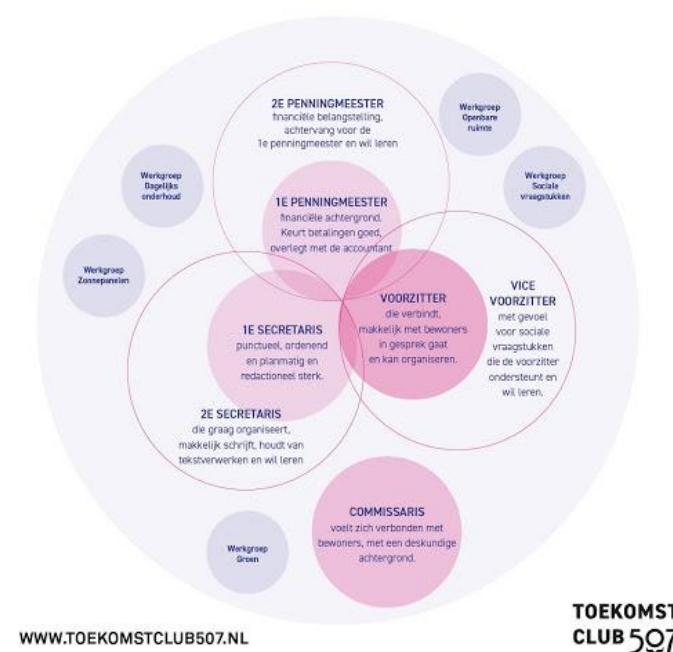
IRIS
Utrecht

WP5 Lighthouse Demonstration Utrecht

**Transition track 5: Citizen
Engagement**



This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 774199



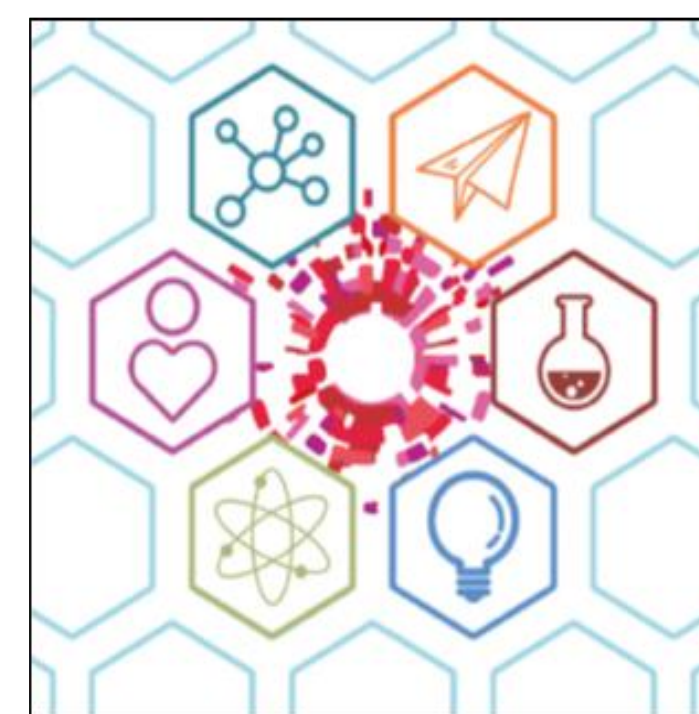
1. Community building by change agents

6. Self-maintenance Complex 507

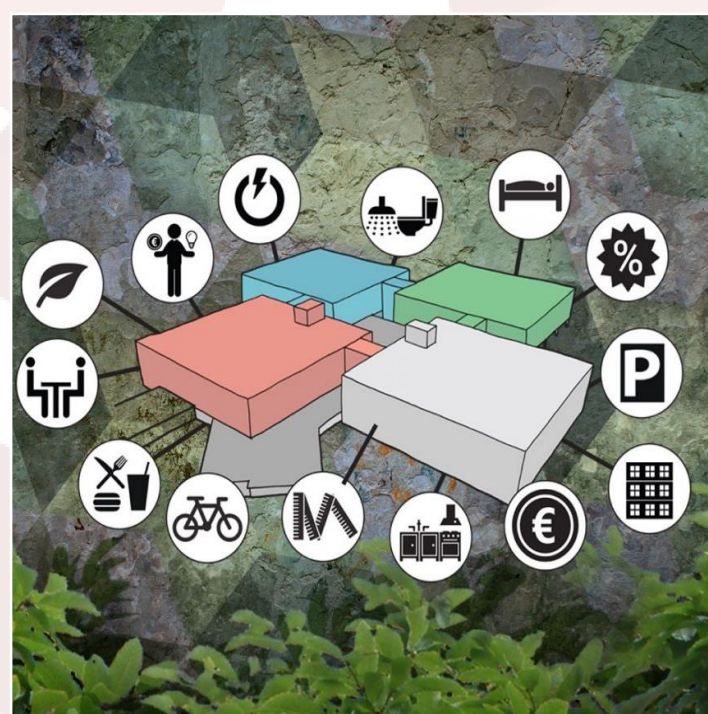
Transition Track 5

Measures 1-6

2. Campaign District School Involvement



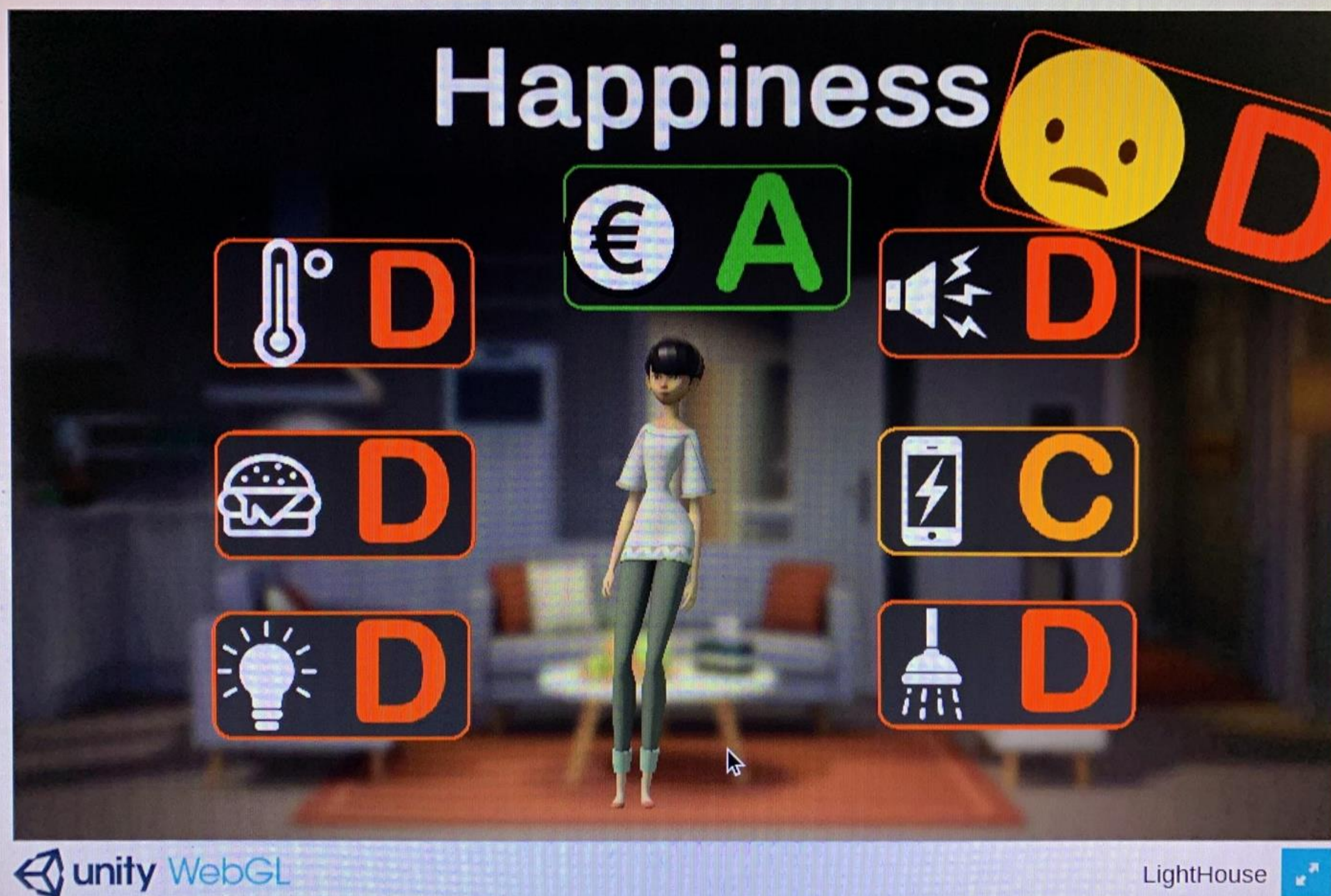
4. Campaign Smart street lighting



3. Co-creation in Local Innovation Hub

5. XR experience

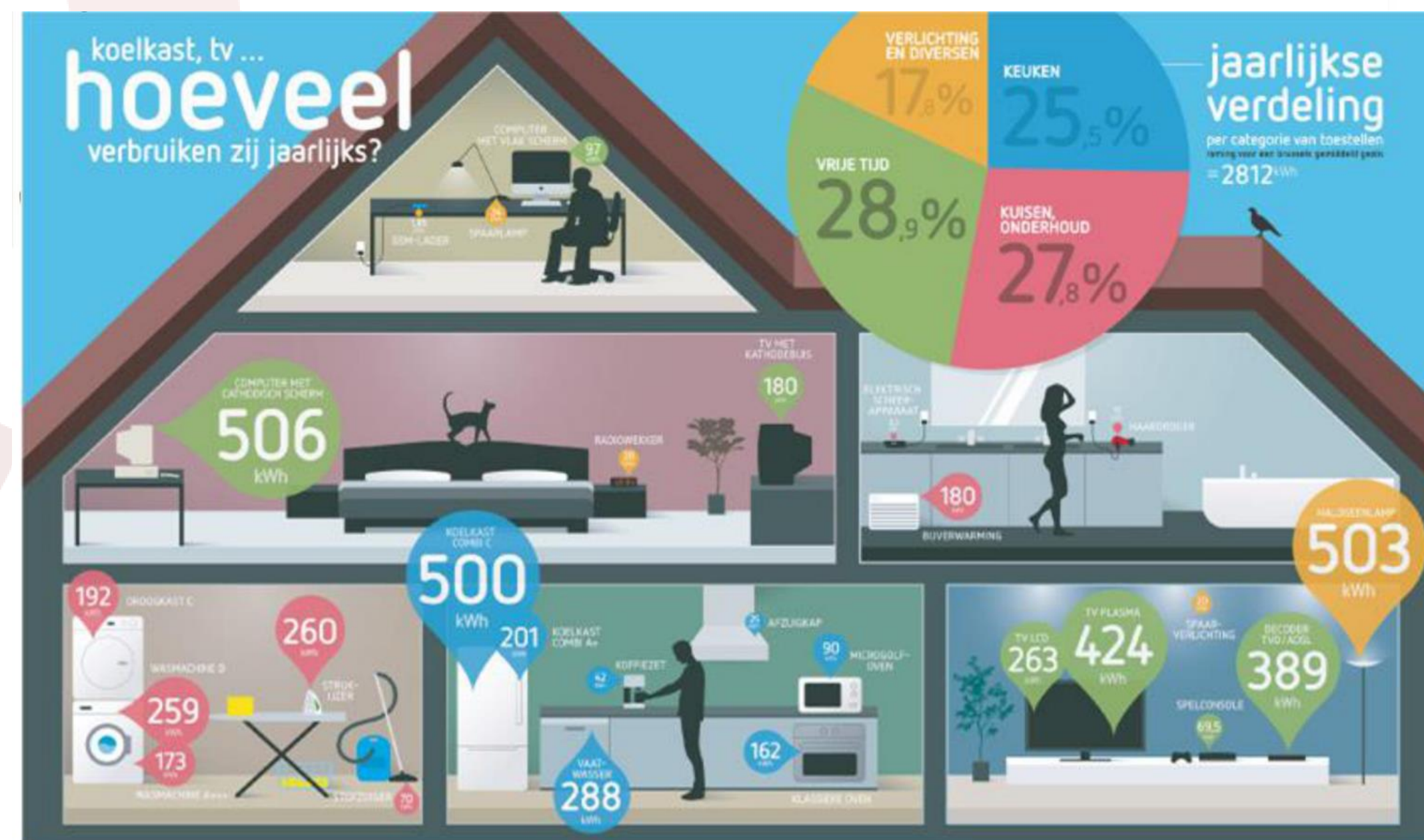
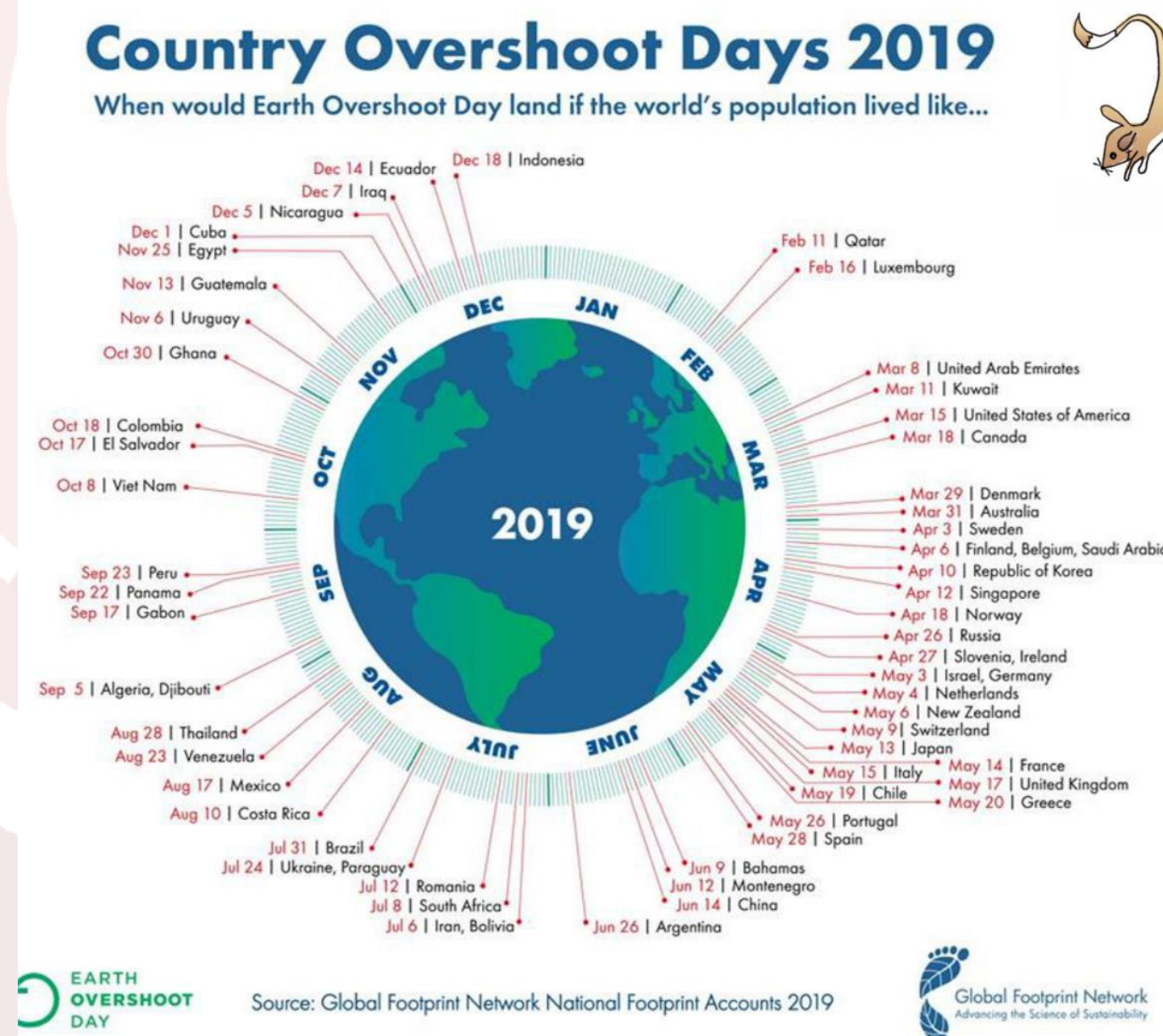




Energy Detective (indoor treasure hunt)

Online assignments, short youtube films, online games, crafts &
Online answer sheets

Pupils will receive a star at the end of each lesson after submitting
the answers.



Energy Detective (indoor treasurehunt)

6 Themes, 6 lessons:

Theme 1: How much energy consumes your house?

Theme 2: Investigate one room in your house

Theme 3: House, Tree, electricity meter cupboard (with the fuses)

Theme 4: Save energy in your House

Theme 5: Make an energy plan for your House

Theme 6: Campaigning!

Sustainable energy, energy neutral homes, footprints, make your own dreamhouse moodboard, experiments,



Energy Detective

During the lockdown march-june 2020:

119 pupils from 2 primary schools in Amersfoort participated

0 pupils from IRIS participated, schools were concerned about their students, many did not attend online classes or did no schoolwork.

In 2021 we will offer the lessons again, in a different way.

Probably with a teacher at school.

sept 2021

Pupils go to highschool for these energy detective lessons



Energy Treasure hunt (outside)

12 Questions and 1 assignment

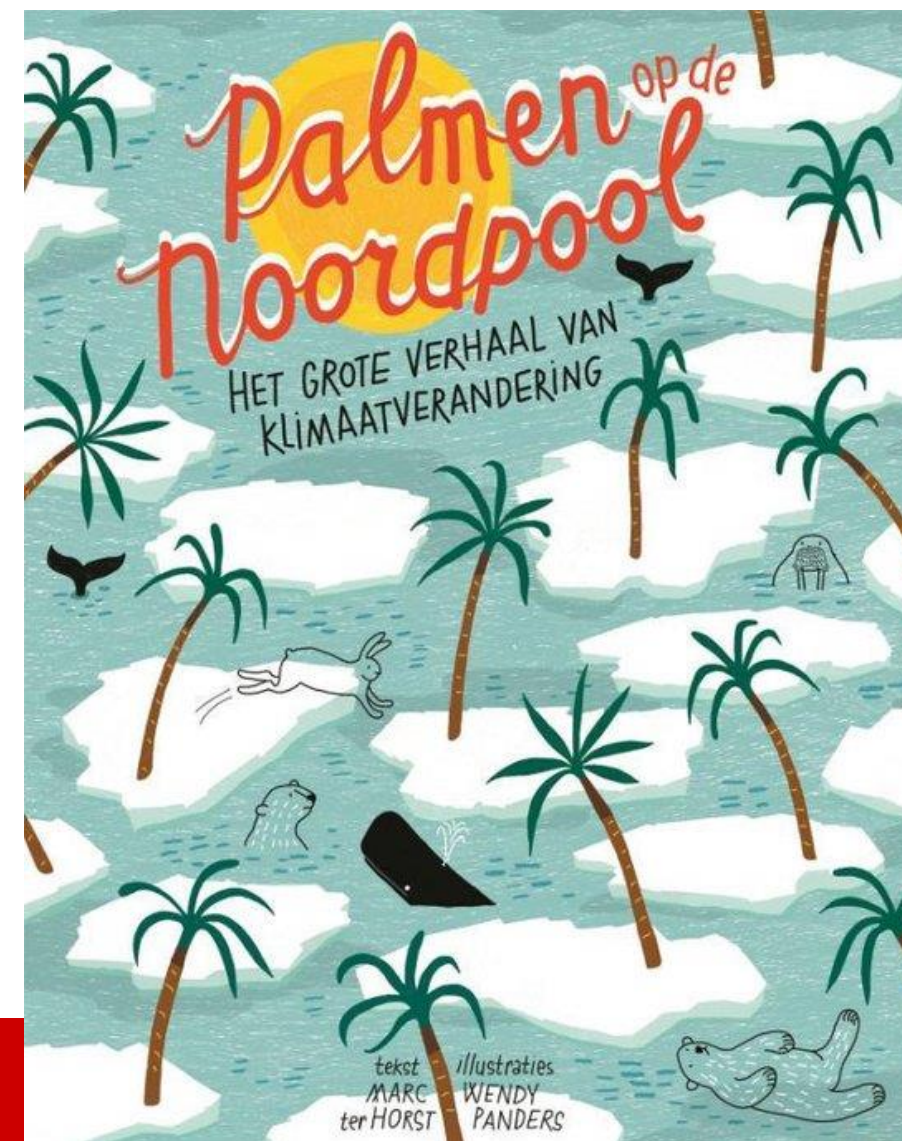
13 Places have a sticker that contains a QR code

Every good answer is rewarded with a letter, all the letters

together form a word.

It's a competition, you can win a prize.

Starts februari 2021



Energy Treasure Hunt (outside)

Question 1: Sustainable schools

Which of the answers below are forms of renewable energy sources?

1. Solar panels, petroleum and windmills (Letter: L)
2. Hydropower, windmills and solar panels (Letter: E)
3. Windmills, Coal and Geothermal (Letter: A)

Question 2: Energy storage

What can you do with a neighborhood battery?

1. Hand in your old batteries here (Letter: B)
2. Excess energy is stored here (Letter: G)
3. Here you can charge your phone for free (Letter: C)

Question 3 – What is energy?

Cold huh? Are you so cold as well?

Make a TikTok movie in which you convert as much energy as possible into heat! With the hashtags: #Kanaleneiland #getwarm





1



2



3



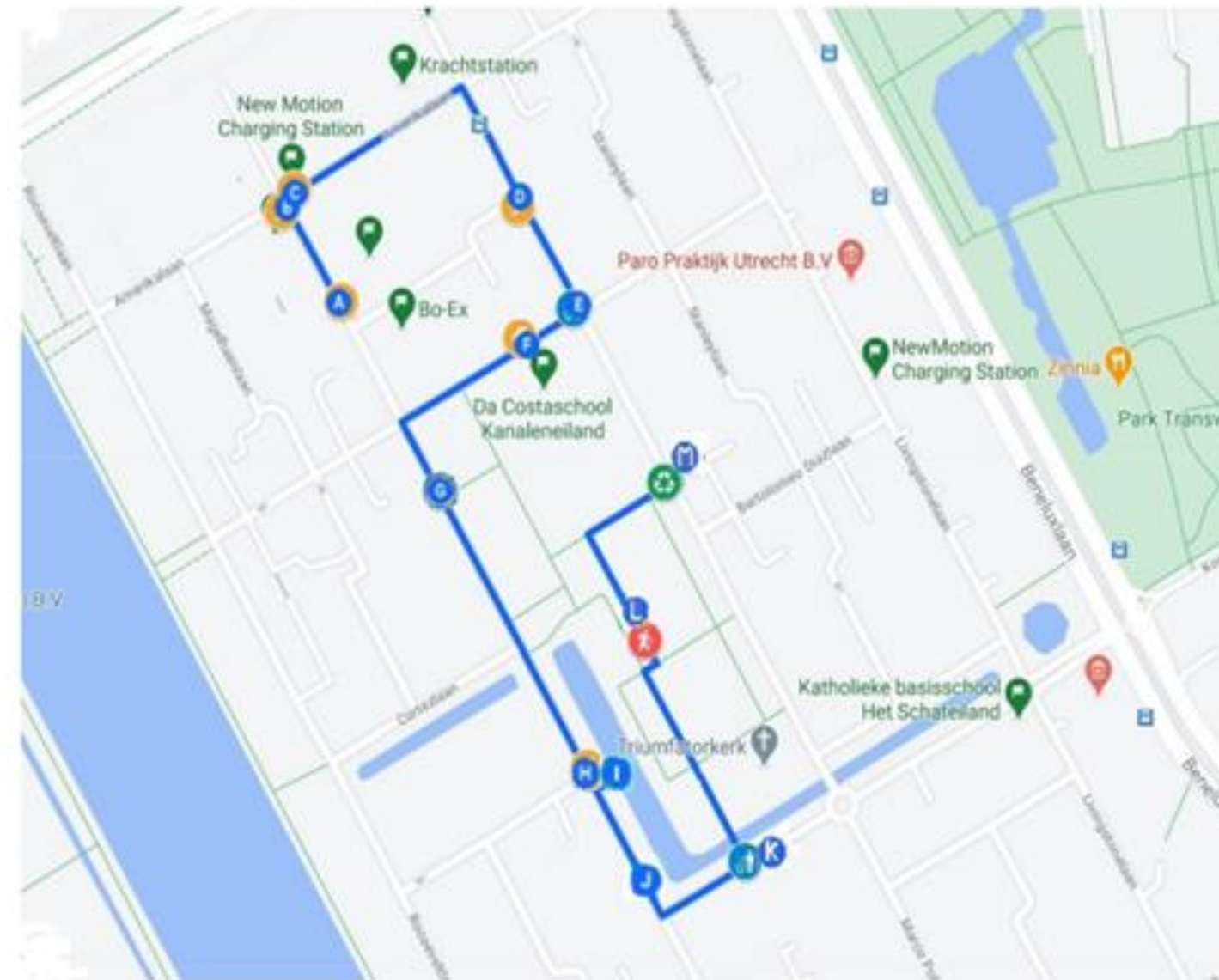
4



5



Routebeschrijving



Bij elk rond symbool zoals deze:  zit ergens een sticker met een code!

Schrijf hier de letters op:

A	B	C	D	E	F	G	H	I	J	K	L	M
---	---	---	---	---	---	---	---	---	---	---	---	---

Schrijf met deze letters je echte bestaande woord hier:

--	--	--	--	--	--	--	--	--	--	--	--	--

Stuur dit woord in een e-mail met je naam en leeftijd naar energiespeurtocht@gmail.com

Deze speurtocht is gemaakt door Stichting Technotrend, <https://stichtingtechnotrend.nl>
Het is een onderdeel van het Europese IRIS-project in Kanaleneiland, <https://iris-utrecht.nl/>

