Jelle Kabbes

Far Out Seminar Finland

Citizen Science & Education in The Netherlands

seppo

REMBRANDT COLLEGE

EUROPEAN CITIZEN SCIENCE ASSOCIATION

GLOBE Nederland

HOW DID I END UP AT YOUR SEMINAR?

TOOLBAGS!

EUROPEAN CITIZEN SCIENCE ASSOCIATION

Dr. Juhani Kettunen

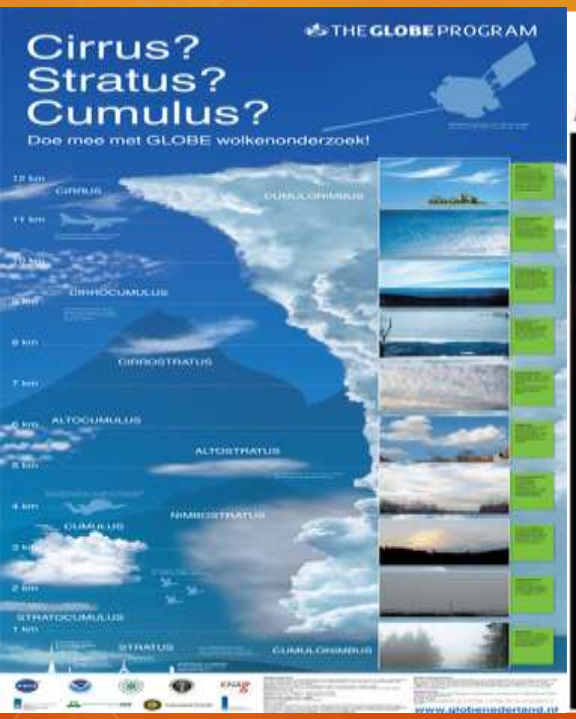
Jelle Kabbes
Teacher Geography
Rembrandt College in Veenendaal

GLOBE Nederland

Citizen Sience & Outdoor Education Expert
Running Citizen Science projects like:
National Lightmeasurement
MyRhine
BioBlitz Outdoor Activities

GLOBE Nederland

3 examples of Citizen Science & Education in The Netherlands



Weather

Light

Rhine

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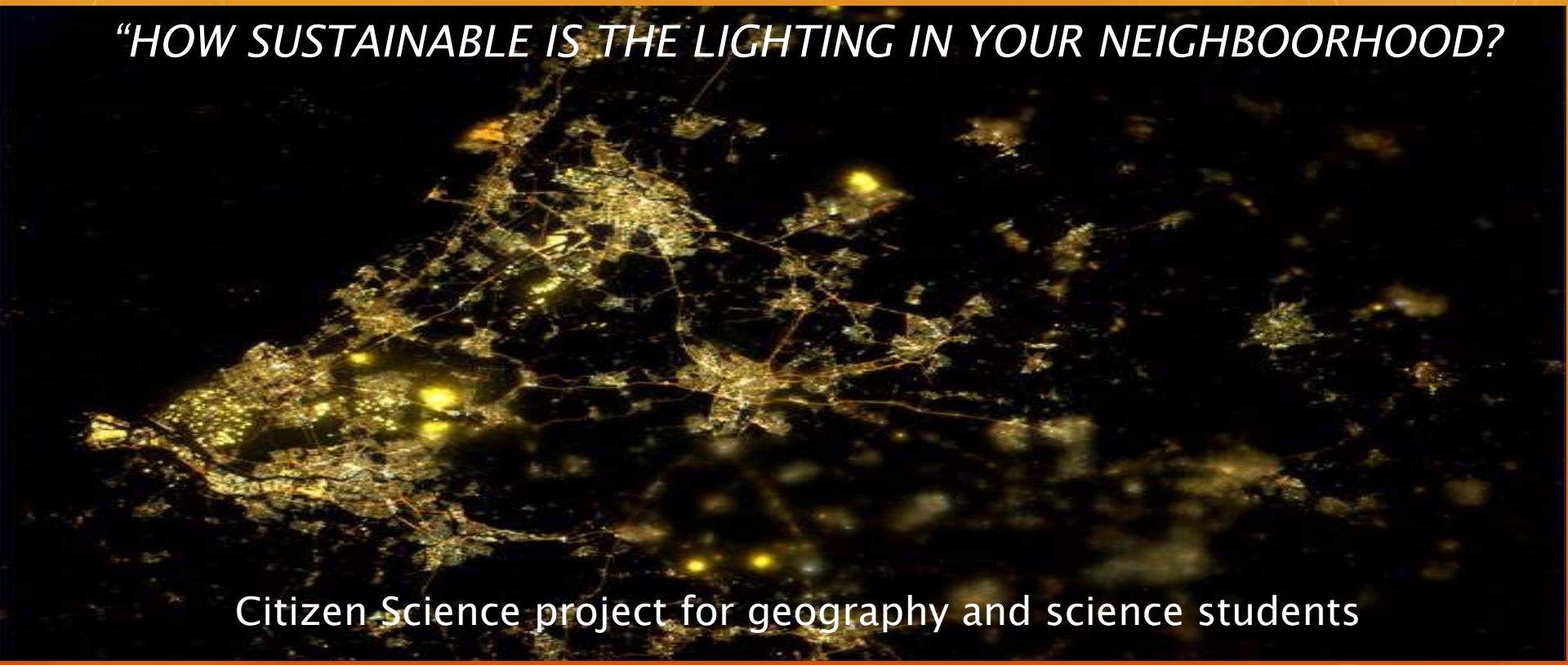
WEATHER, CLOUDS & ATMOSPHERE

BUILD **MEASURE** **SHARE**

Do, explore and learn
Share & Compare
Communicate & Contribute

Citizen Science in urban environments

"HOW SUSTAINABLE IS THE LIGHTING IN YOUR NEIGHBOORHOOD?



Citizen Science project for geography and science students

Sustainable lighting
Awareness
Share & Compare

NEMO Science Center · The Netherlands esero · PhotonicsNL Netherlands · AVANTES enlightening spectroscopy · GLOBE Nederland

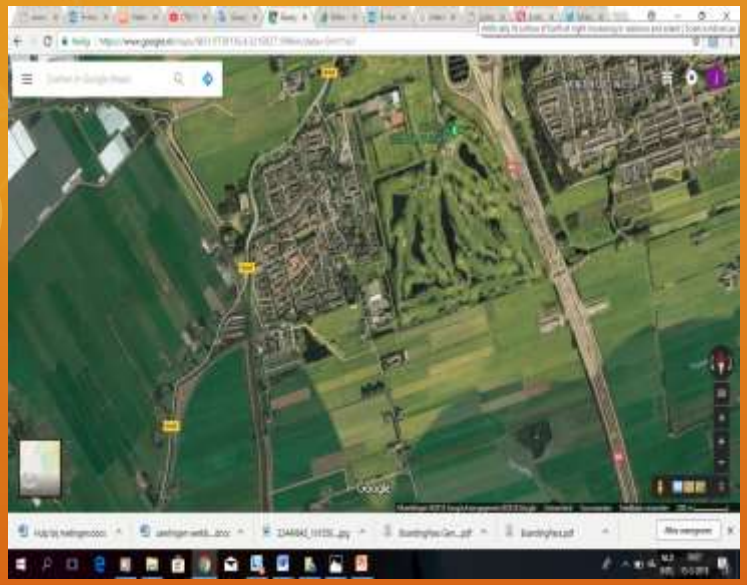
GLOBE Nederland

Lifespan Light bulb 1500 hours

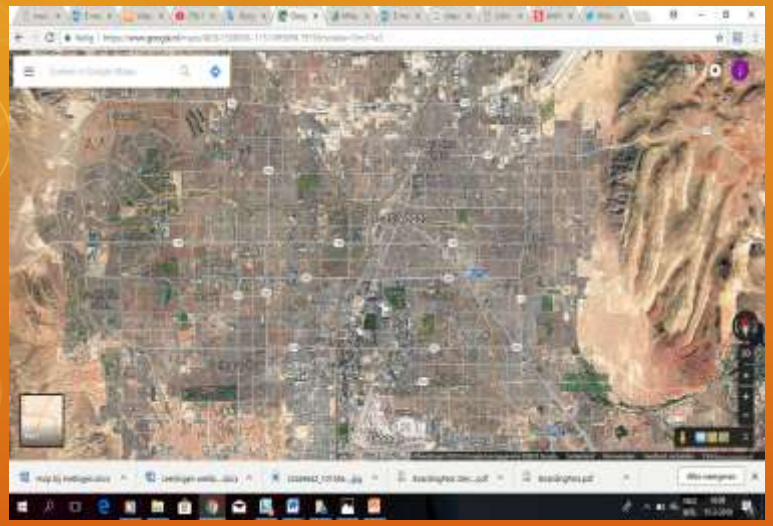
Lifespan Energy saving lamp 10,000 hours

Lifespan LED lamp 50,000 hours (33 times more durable than incandescent lamp)

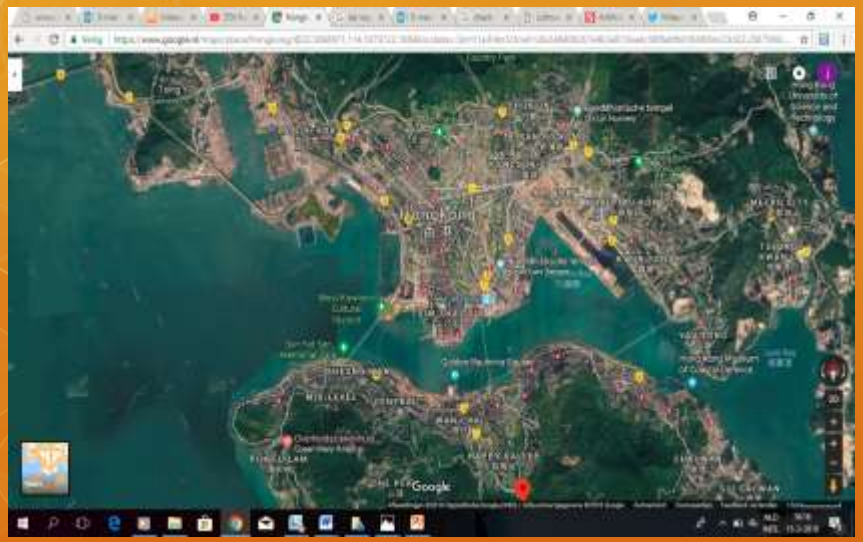
PHILIPS Philips Lighting



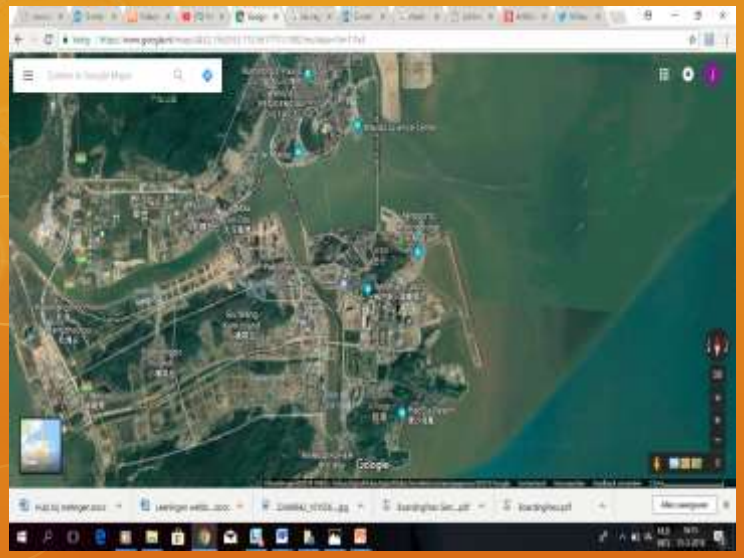
Schipluiden, The Netherlands



Las Vegas, United States

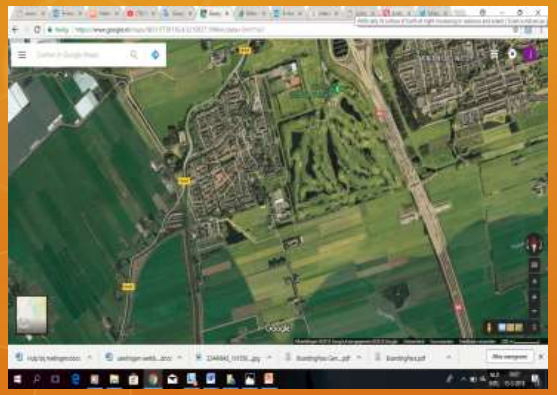


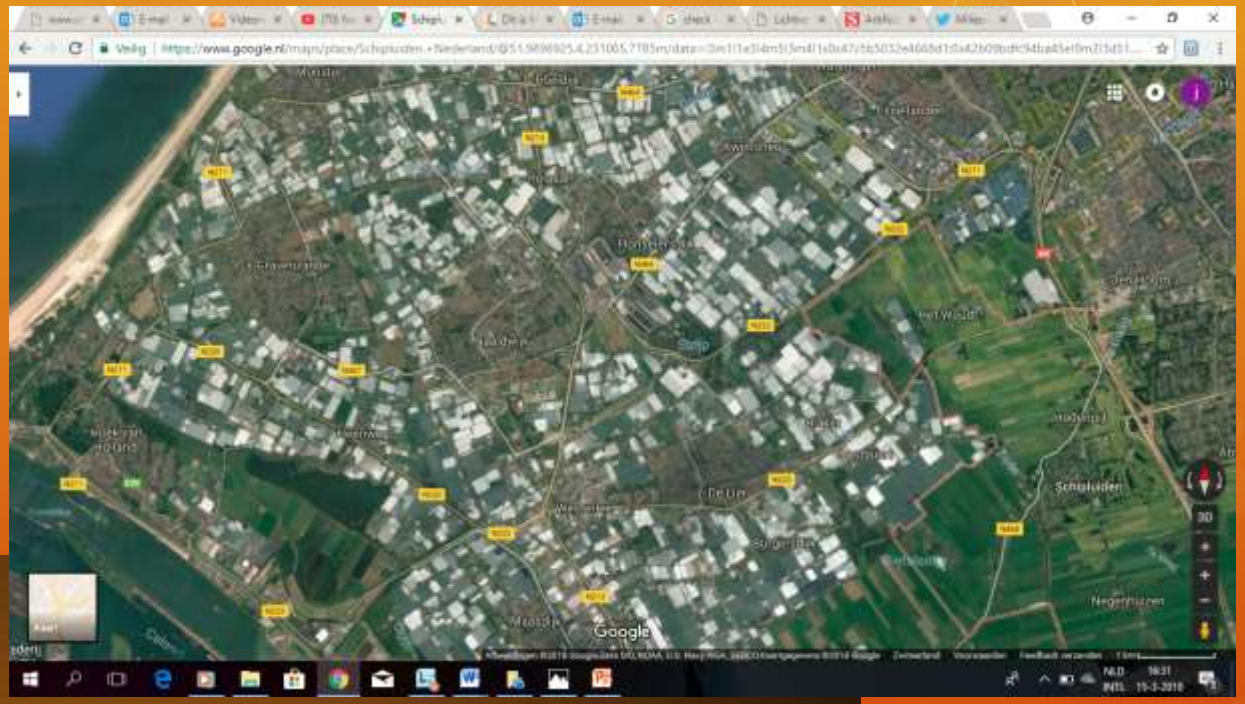
Hongkong

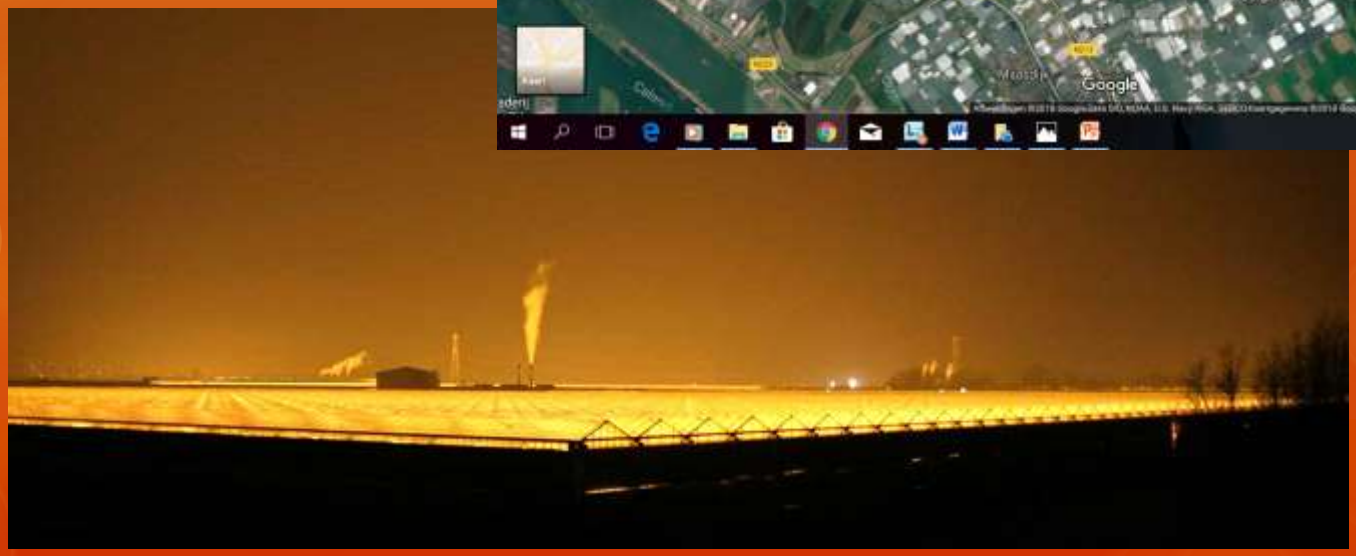


Macau

Schipluiden, The Netherlands







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National Light Measurement

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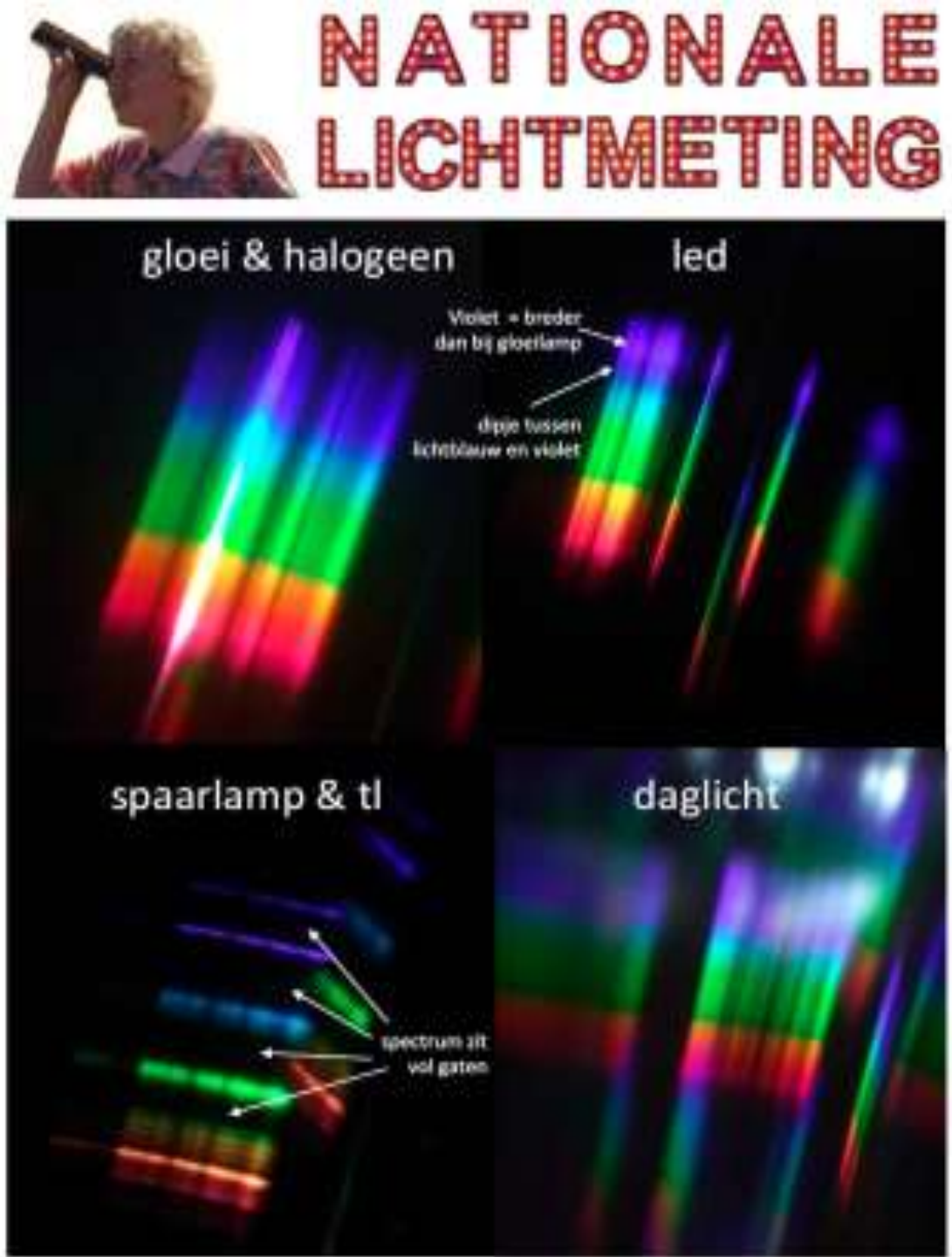
Build your own spectroscope

PhotonicsNL NETHERLANDS

AVANTES enlightening spectroscopy



Observe spectrum

Collect data

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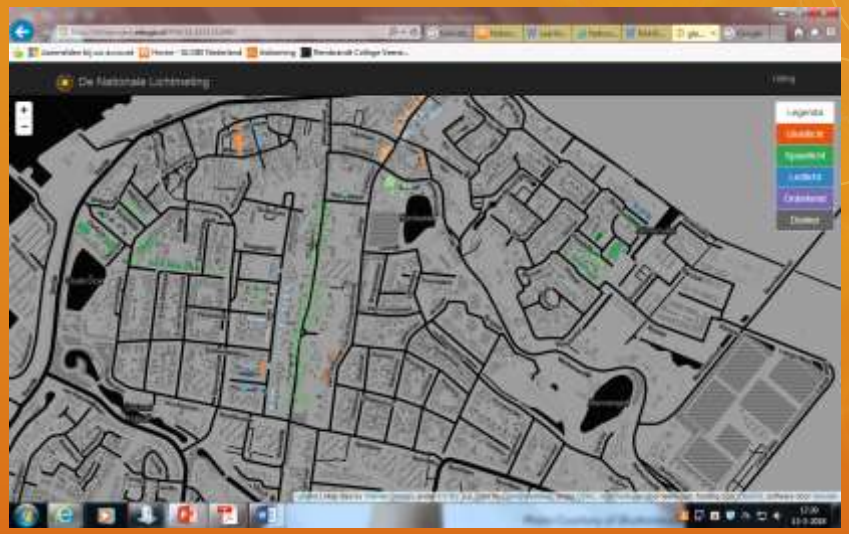
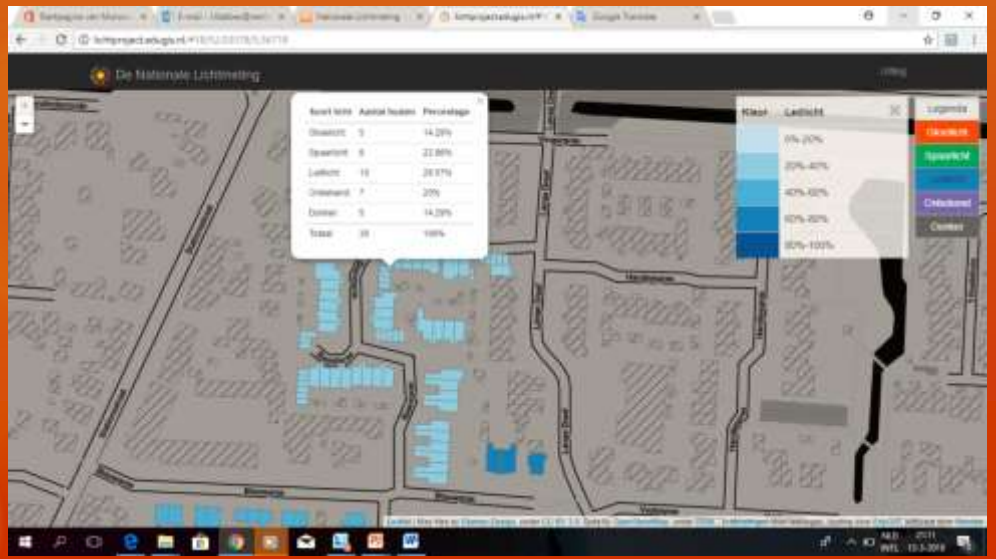
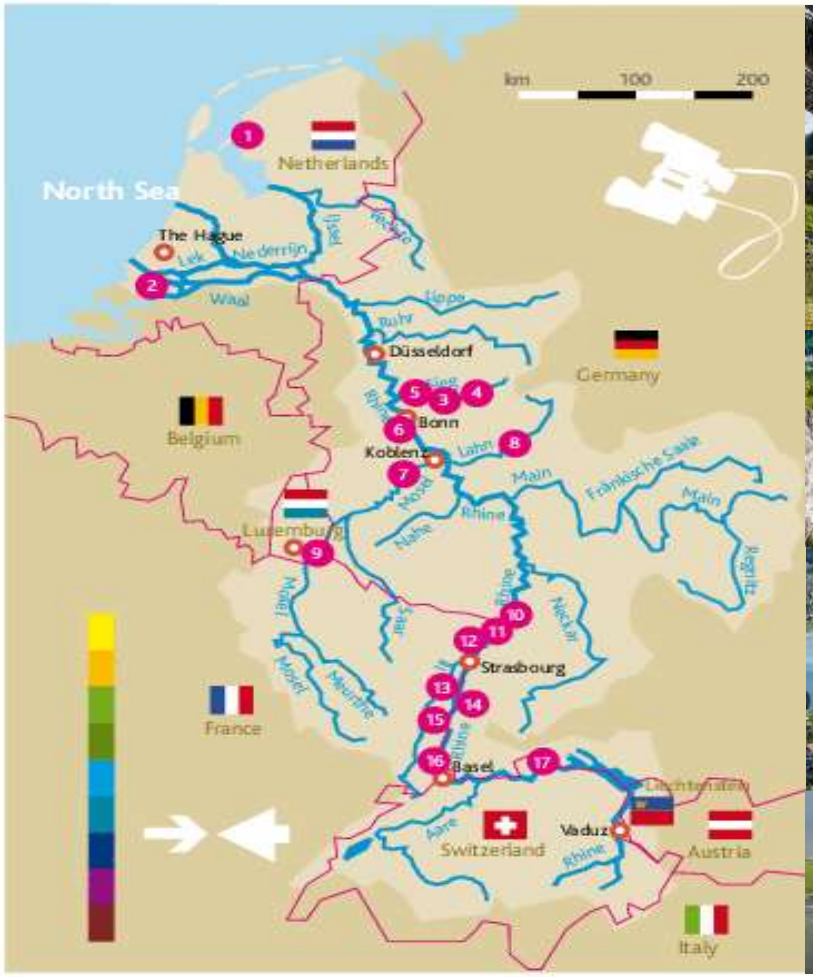


Enter and visualize data

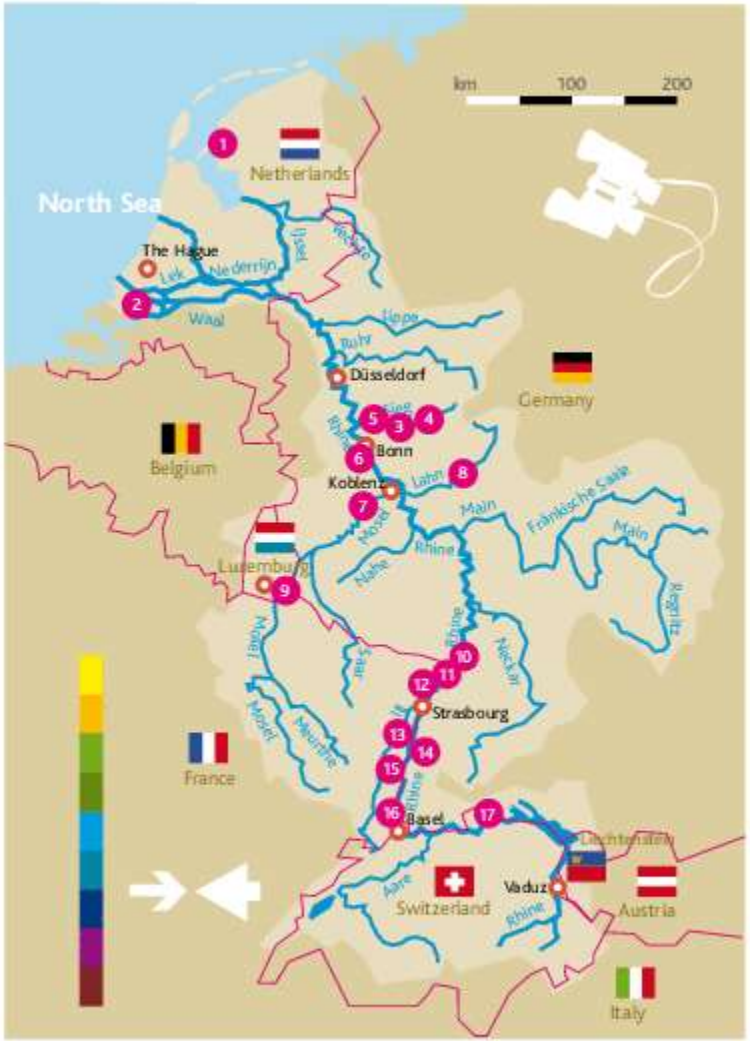


MyRhine



An International Citizen Science Project on the Rhine River

IKSR
CIPR
ICBR



MyRhine

Waterquality, Plastic Soup, Clean Ups
Biodiversity, Fish migration

Measure, share, compare, explore, visit

Cultural diversity, community

GLOBE Nederland

Supported by:

ICPR • International Commission for the Protection of the Rhine
IKSR • Internationale Kommission zum Schutz des Rheins
CIPR • Commission Internationale pour la Protection du Rhin
ICBR • Internationale Commissie ter Bescherming van de Rijn

IKSR CIPR ICBR

Testing Waterquality

How do we get these great toolbags?

Learn about fishmigration

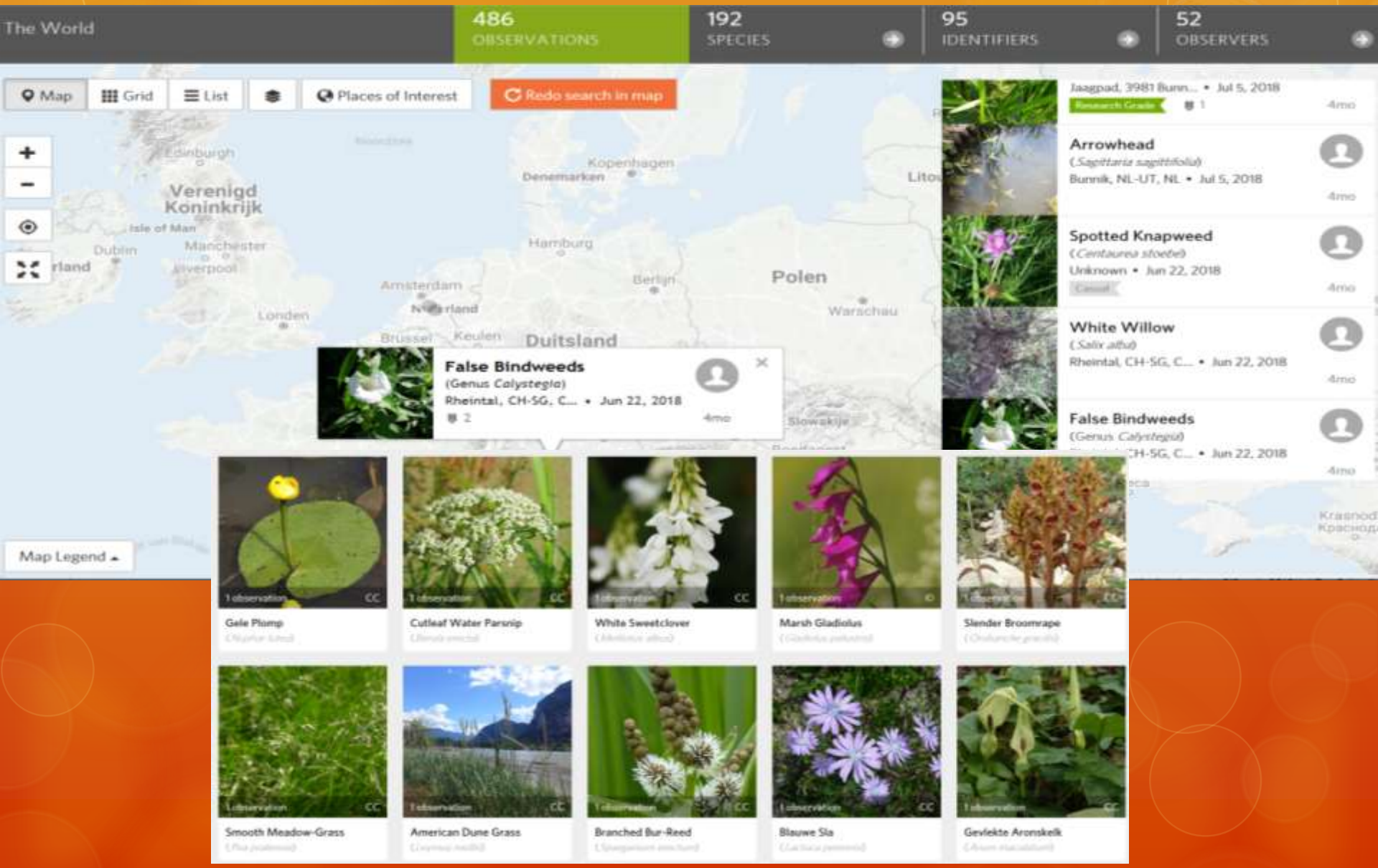
Count Fish

Observation and determination

From the Dutch Delta

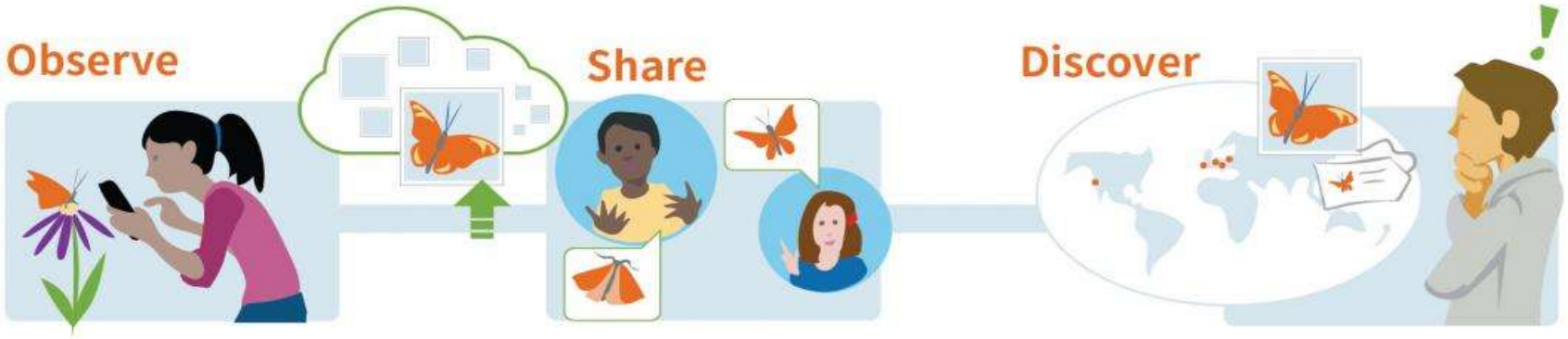
To The Swiss Alps

BioBlitz: research the biodiversity

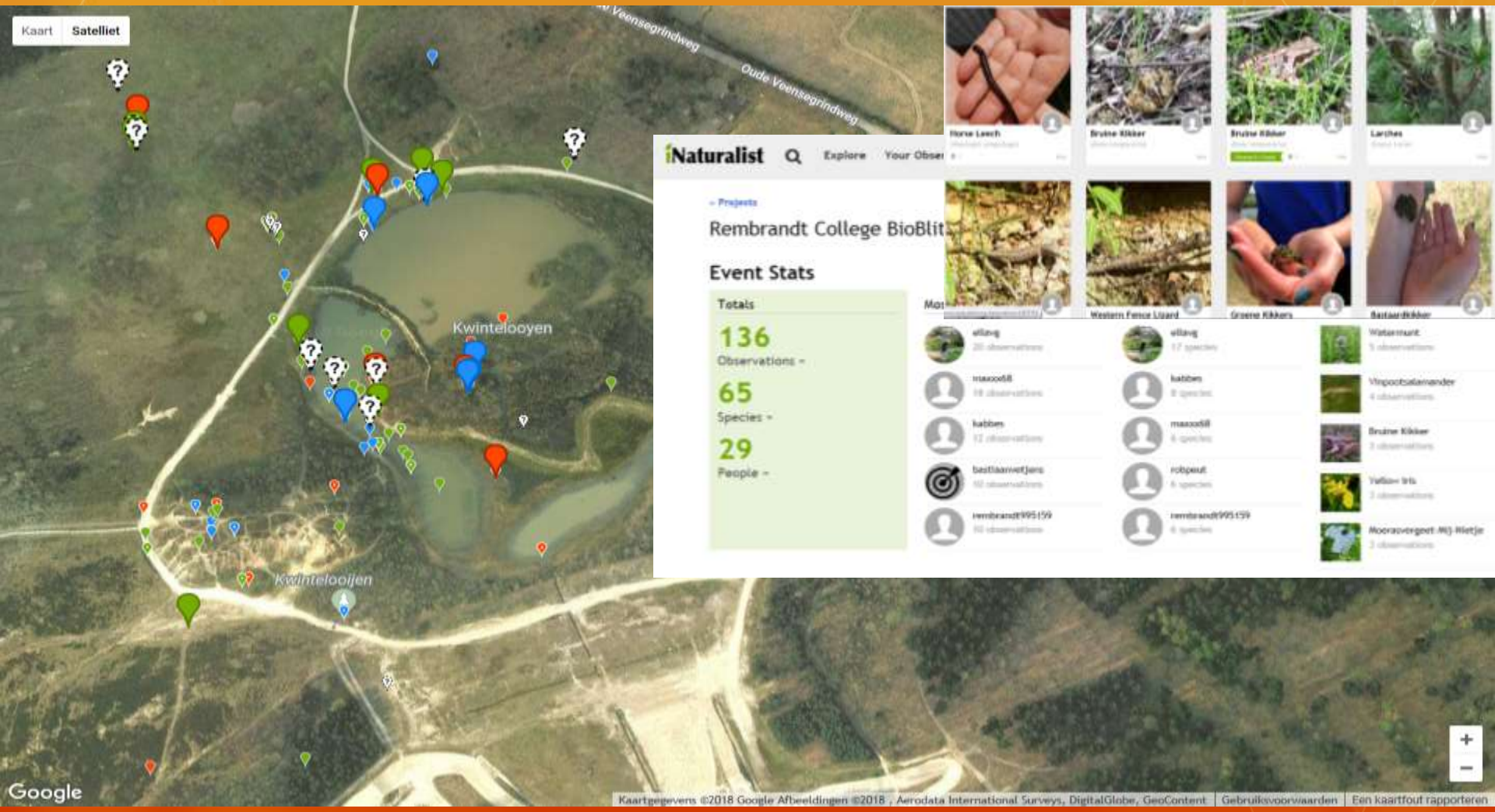


Whats a BioBlitz?

The app recognizes species!



Locate, analyse and share your observations



Jelle Kabbes

Far Out Seminar Finland

Citizen Science & Education in The Netherlands

You can contact me as consultant/speaker for
Citizen Science Projects and Events
Outdoor Learning Activities

jellekabbes@hotmail.com

Or contact me through Linkedin