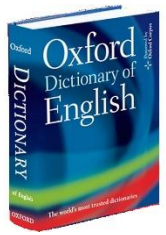
Leikvísindi

Hvat er hetta og hvat er nyttuvirðið í mun til akademiska gransking

Annika Sølvará, Vísindavøka 2017

granskingarráðið
RESEARCH COUNCIL FAROE ISLANDS

Hvat eru Leikvísindi

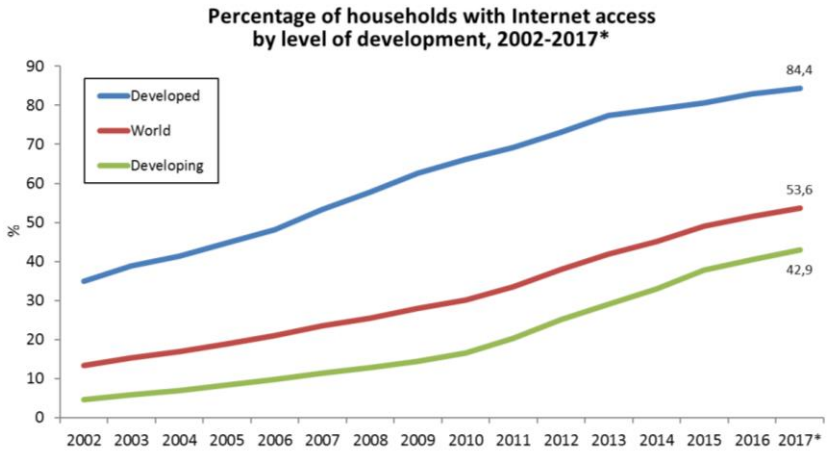


- “Scientific work undertaken by members of the general public, often in collaboration with or under the direction of professional scientists and scientific institutions.”
- “**Citizen science** (CS; also known as crowd science, crowd-sourced science, civic science, volunteer monitoring or networked science) is scientific research conducted, in whole or in part, by amateur (or nonprofessional) scientists. Citizen science is sometimes described as "public participation in scientific research", participatory monitoring and participatory action research.”
- A **citizen scientist** is an individual who voluntarily contributes his or her time, effort, and resources toward scientific research in collaboration with professional scientists or alone. These individuals don’t necessarily have a formal science background.

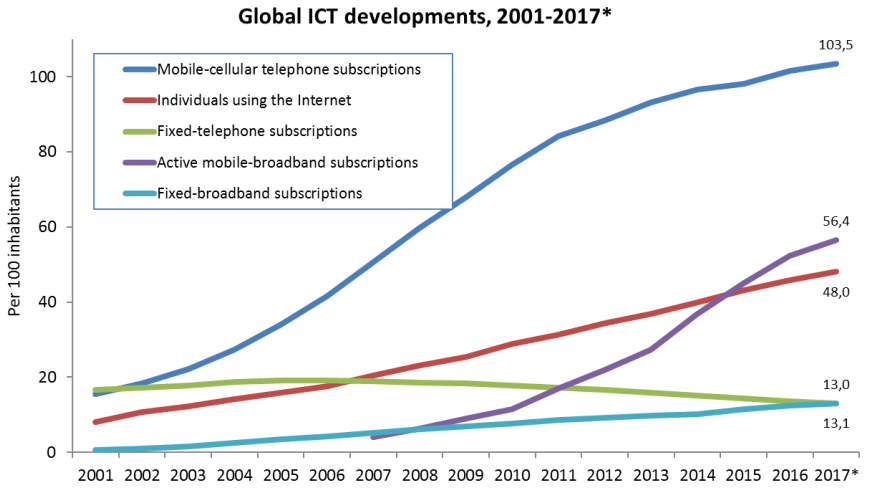
scistarter™
Science we can do together.

Leikvísindi vunnið fram síðstu 10 árini

- Fólk eru betri útbúgvin og hava arbeiðsroyndir, meira frítíð, liva longri
- Øktur skiftisbúskapur: Open Source, Creative Commons, Linux, Wikipedia
- Hugburðsbroyting: Samstarv millum almenning og granskingarumhvørvi
- Men fremst av øllum tøkni: Bíligari og betri internet, GPS tøkni, betri mobilútgerð, myndatól, dronur, superteldur, servarar



The developed/developing country classifications are based on the UN M49, see: http://www.itu.int/en/ITU-D/Statistics/Pages/definitions/regions.aspx
Note: * Estimate
Source: ITU World Telecommunication /ICT Indicators database



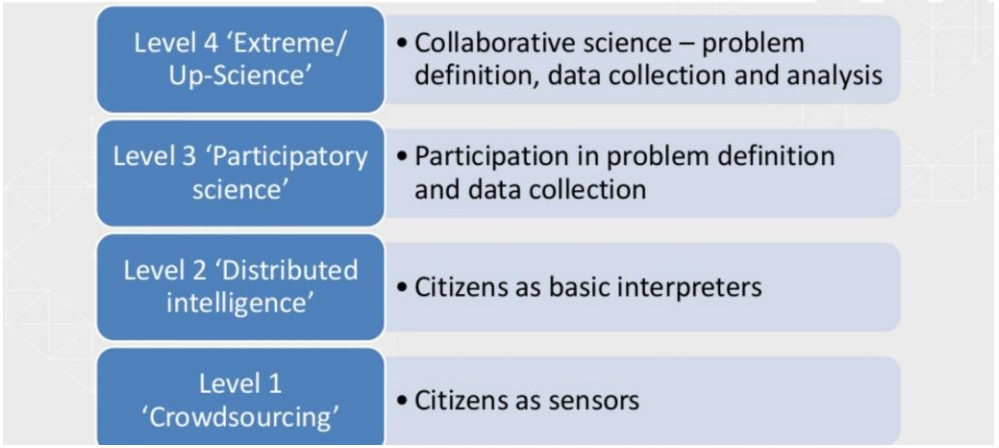
Note: * Estimate
Source: ITU World Telecommunication /ICT Indicators database

Ymisk sløg og stig

Typology of Citizen Science

- **Contributory projects**, designed by scientists and members of the public primarily contribute data
- **Collaborative projects**, designed by scientists and members of the public contribute data but may help in project design, analysis, or dissemination
- **Co-created projects**, designed by scientists and members of the public working together and at least some of the public participants are actively involved in most/all steps of the scientific process

Participation in citizen science



CANCER RESEARCH UK

Let's beat cancer sooner

Donate

HOME | ABOUT CANCER | SUPPORT US | OUR RESEARCH | FUNDING FOR RESEARCHERS | SHOP | ABOUT US

Home › Support us › Citizen Science

Citizen Science

What is Citizen Science?

Citizen Science crowdsourced cancer data analysis to the public through apps and games, allowing anyone, anywhere to do real research. We put life-changing research into the public's hands with five citizen science projects.

Discover how we united the world to fight cancer below.

Our Story

We were the world's first organisation to crowdsource cancer research.

› Discover how we did it

Science impact

Citizen Science used mass participation to move research forward.

› Find out how

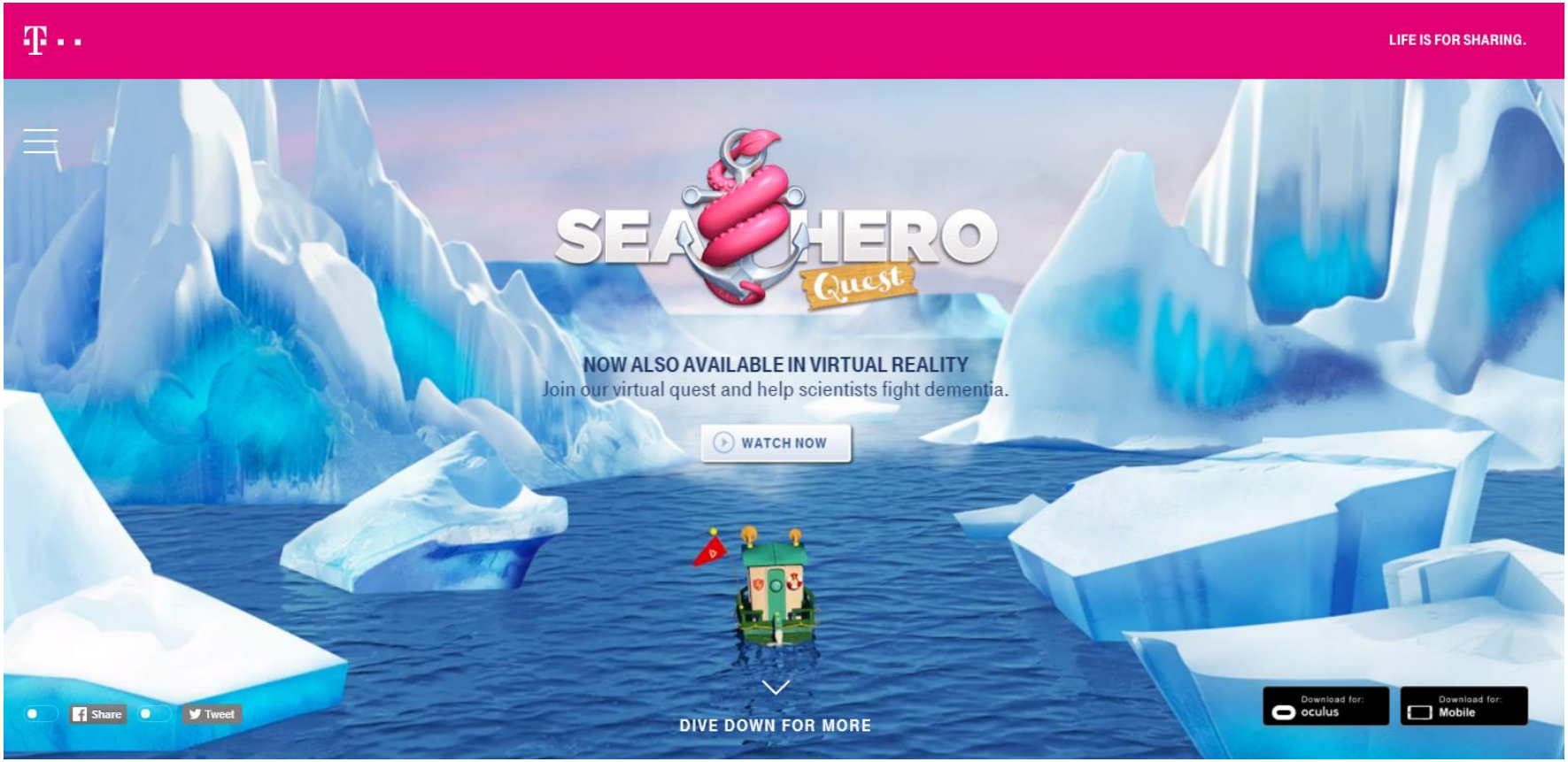
Our Projects

Our apps and games gave thousands the chance to fight cancer.

› Find out more

http://www.cancerresearchuk.org/support-us/citizen-science

Spæl og hjálp Alzheimers granskingini



http://www.seaheroquest.com/en

Møguleikar og avbjóðingar

- Crowd Sourcing er bíligur og skjótur máti at savna nógv data
- Til ber at savna inn vitan í støðum, har granskarar áður ikki rukku
- Fáa fólk við, sum ikki vita av at tey “granska”, tey verðaundirhildin
- Rúm fyri bottom up hugskot og átøk

- Nógv data krevja logiskar skipanir og góðar tøkniligir pallar
- Hugskotini mugu í ein skipaðan karm
- Granskarar mugu vegleiða og validera fyri at tryggja góðsku

Keldur

- citizenscience.org
- scistarter.com
- togetherscience.eu/ditscience
- videnskab.dk
- cancerresearchuk.org/support-us/citizen-science
- Seaheroquest.com
- citizensciencecenter.com/citizen-science-games-ultimate-list/

granskingarráðið

RESEARCH COUNCIL FAROE ISLANDS