

# Knowledge for everyone: making access affordable



**WIKIMEDIA**  
FOUNDATION

FACT:

**3.9 billion people are not online, many of them because they can't pay for it, others because of lack of infrastructure: NO ACCESS.**



*Imagine a world in which every single person on the planet has free access to the sum of all human knowledge. That's what we're doing.*

*-Jimmy Wales,  
Founder of Wikipedia*

**YES** - the  
Wikimedia  
Movement cares  
- **and we**  
**need to and**  
**can do more!**



Niños estudiantes chilenos, Pontificia Universidad Católica de Chile from Santiago, Chile.

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So today, let's brainstorm together!

**What can our movement  
do to help include those  
behind these barriers?**

# **We're already doing some things...**

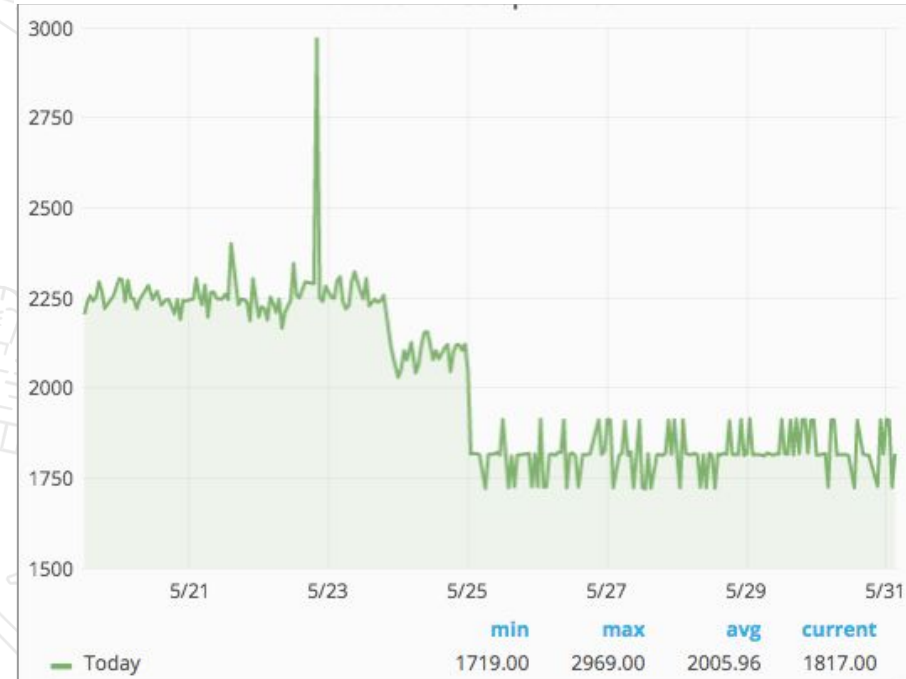
- **Tech improvements to reduce data consumption**
- **Wikipedia Zero**
- **Offline solutions**





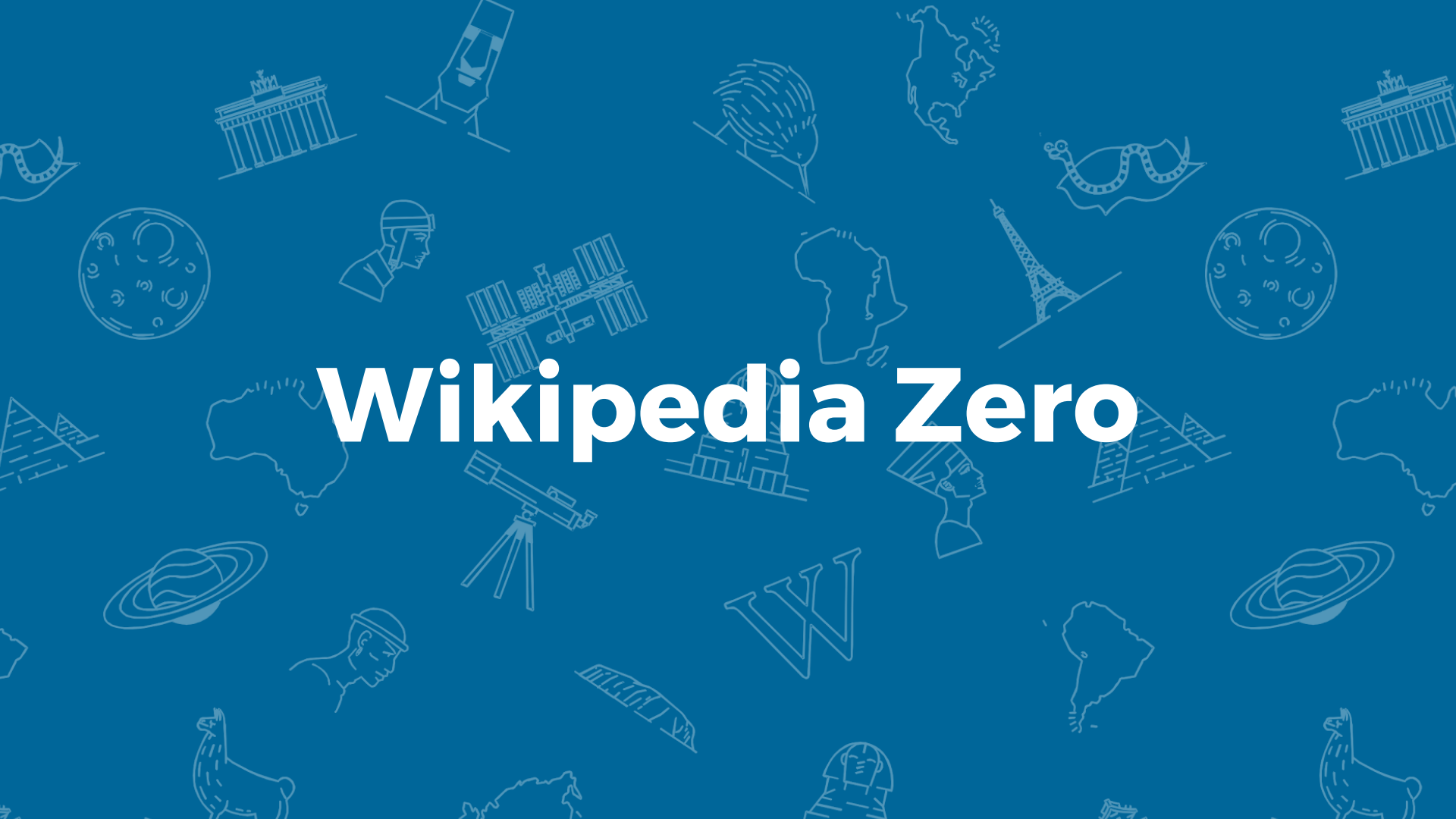
# Wikipedia site performance

Facebook article speedindex  
on 3G mobile connection



Graph screenshot from:  
<https://grafana.wikimedia.org/dashboard/db/mobile-webpagetest?refresh=1m&panelId=32&fullscreen&orgId=1&from=1495238400000&to=1496188800000>  
<https://blog.wikimedia.org/2017/06/15/mysterious-performance-improvement/>  
<https://blog.wikimedia.org/2016/09/19/mobile-web-improvements/>

# Wikipedia Zero





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- Since 2012, program has launched in 73 countries.
- Wikipedia Zero partnerships only when the local communities welcome and endorse the program.
- our primary goal this year is to evaluate the program's impact to better inform its future operation.

# Offline solutions



# Kiwix



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We have an offline version of our medical content. **Download the Android app** and access this content when there is no Internet.



- 1.2 Gb (version with video, version without pics)
- 10 languages
- >200K downloads
- Online WP
  - 75% global North
- Offline WP
  - 75% global South

<input checked="" type="checkbox"/>	All countries	53,453	100.0%
<input type="checkbox"/>	India	16,019	30.0%
<input type="checkbox"/>	Pakistan	5,323	10.0%
<input type="checkbox"/>	Philippines	4,713	8.8%
<input type="checkbox"/>	United States	4,046	7.6%
<input type="checkbox"/>	Nepal	3,348	6.3%
<input type="checkbox"/>	Bangladesh	1,650	3.1%
<input type="checkbox"/>	Iraq	1,187	2.2%

# Wiki Fundi

An offline editable environment that provides a similar experience to editing Wikipedia online

Allows for training on, and contribution to, Wikipedia for those organisations and individuals that face connectivity issues (unreliable access to internet, high data cost, slow bandwidth)

WikiFundi is not meant to be a 100% offline solution. It is a way to bridge offline and online.

<http://www.wikifundi.org> or <http://meta.wikimedia.org/wikifundi>



Tech-wise:

- \* based on MediaWiki
- \* needs a raspberry PI3
- \* a 200GB card
- \* power supply cables and electricity...

# How is WikiFundi used?



Wiki  
Fundi

FOCUS ON  
THE FUTURE ...



WikiChallenge  
African Schools  
by the Orange Foundation

FOCUS ON NOW ...  
Wikimedia  
Usergroups and  
volunteers in Africa



WIKIPACK  
AFRICA

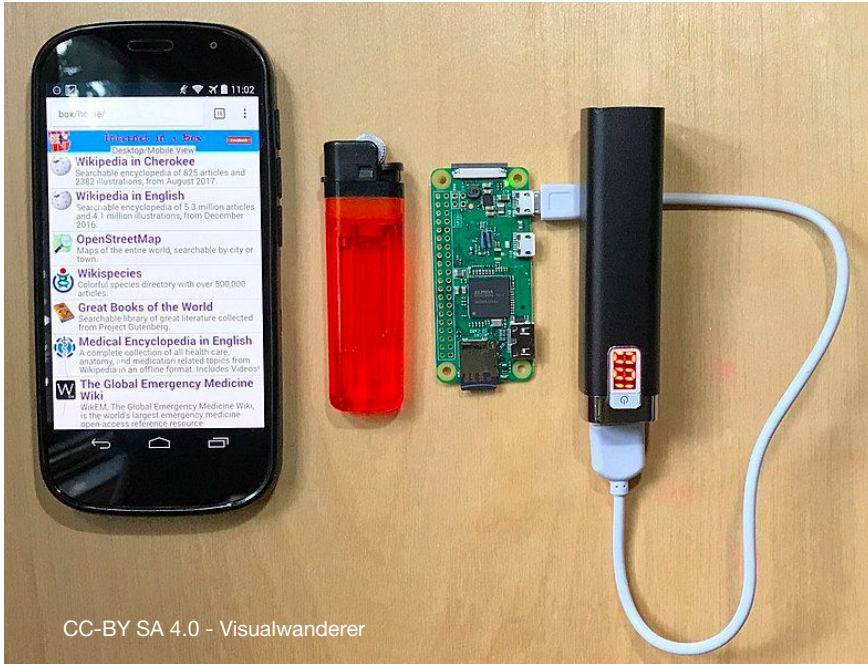


WikiAfrica  
Schools



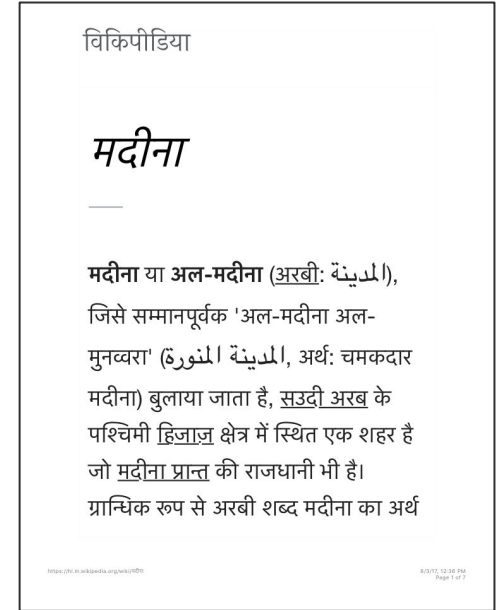
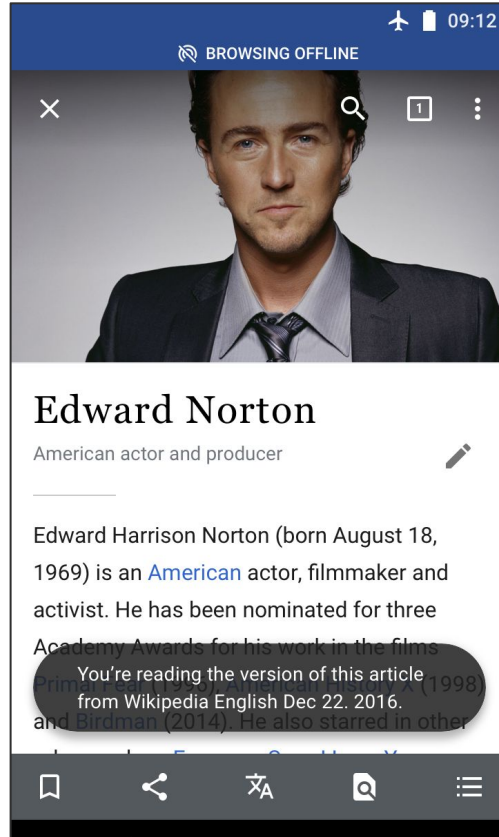
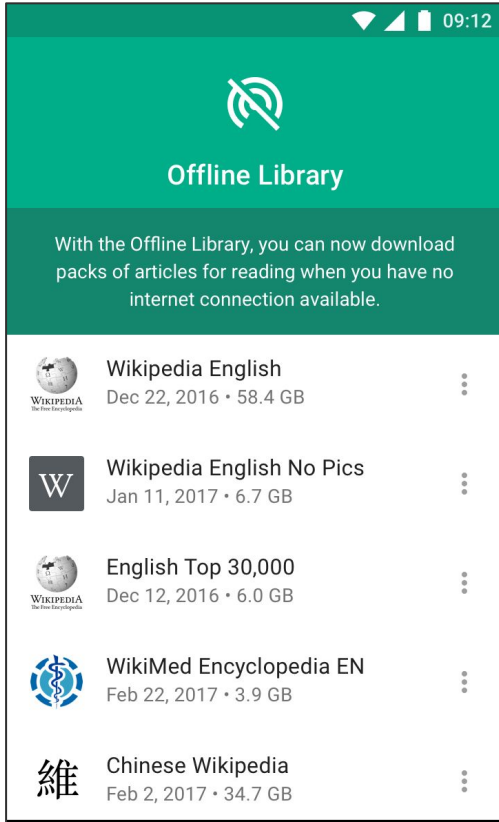
# Internet in a box

Wikipedia in 37 languages, a library of 40,000 e-books, most of the world's open source software and source code, hundreds of hours of instructional videos, and world-wide mapping down to street level.



We can deploy a "knowledge hotspot" anywhere in the world - including under solar power.

# Android app and mobile web



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# Now, a panel to discuss... (but please, **chime in!**)

- Stéphane Coillet-Matillon
  - Florence Devouard
  - James Heilman
    - Adam Holt
    - Anne Gómez
    - Jorge Vargas



And now, let's hear  
from you!



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# REFERENCE - NOT A SLIDE

- Questions for panel/discussion
  1. Why should the Wikimedia movement care about "access"? Is it part of our mission?
  2. Are the existing solutions working? Are they enough?
  3. What else can we do as a movement? (Brainstorming session - new ideas?)
    - a. What are the best opportunities?
    - b. Should we prioritize something first?
  4. Content curation for smaller packages. Who? How?
  5. How does this relate to the movement strategy for 2030?