



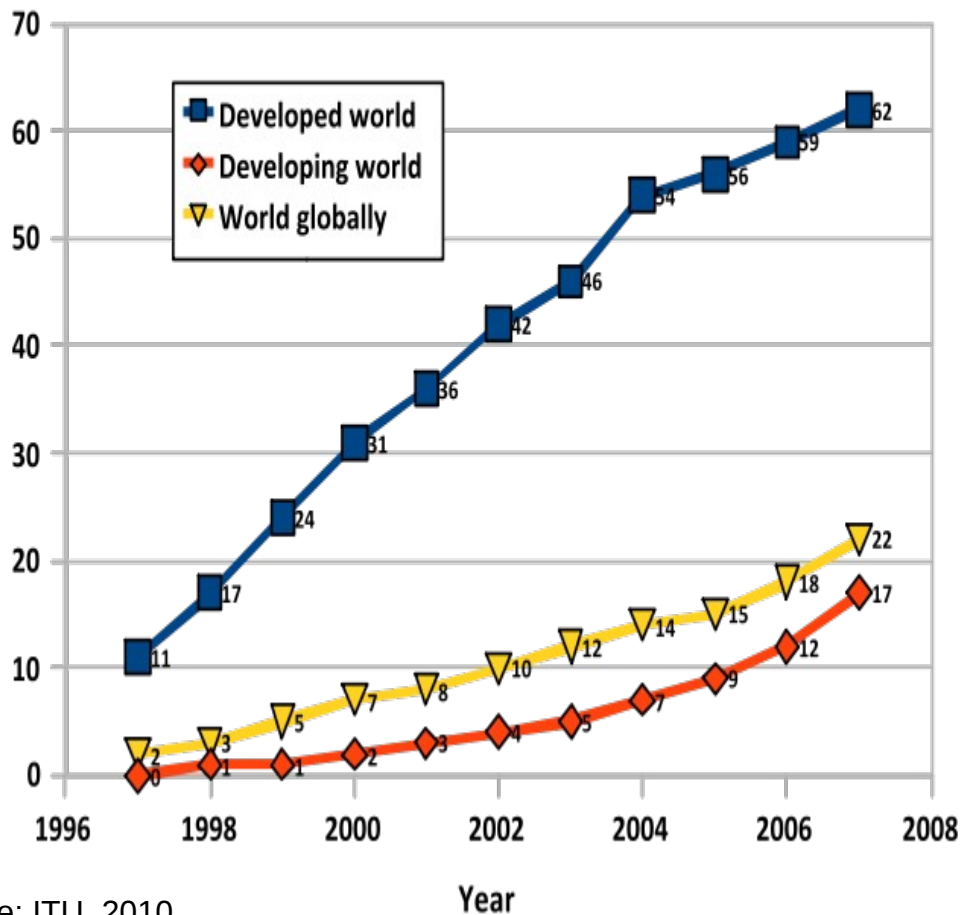
# Wikipedia offline

[http://meta.wikimedia.org/wiki/Offline\\_Projects](http://meta.wikimedia.org/wiki/Offline_Projects)



# Wikipedia is primarily available for only for those with Internet Access, or <30% of the world

Internet users per 100 inhabitants 1997-2007 (Source: ITU)



- 8% broadband penetration globally
- 5B people without access to Internet
- 71% of developed economies are online
- 21% of developing economies are online
- 9.6% of Africans have access to Internet



# How to reach the 95% of the world who doesn't currently access Wikipedia



**MOBILE**



**OFFLINE**



# Offline solution pipeline

1

**CONTENT:** Selecting the Wikimedia content to be displayed offline



2

**STORAGE:** Packaging the selected content in a standard file format



3

**READER:** Accessing the stored Wikimedia content via a platform



4

**DISTRIBUTION:** Spreading the package into areas that need it!



SOS CHILDREN'S  
VILLAGES

A loving home for every child



# General steps to content package creation

## Select eligible articles / topics

- Review broadest scope of content
- Rate articles on quality and importance
- Create WikiProjects for each division of the content necessary
- WikiProjects to verify indexes of articles within projects
- WikiProjects to verify quality of articles

## Identify best WikiVersion

- Create bot to appropriately rate article veracity throughout time (e.g., WikiTrust)
- Automatically select most recent high-quality / non-vandalized article for selected articles
- Establish other avenues of validation (e.g., manual labor / crowd-sourcing)

## Final review articles and classifications

- Update article categorizations automatically, based on WikiProjects proposals
- [Optional] Expert/manual review of index and classifications
- Information Specialists to review the compilations of indexes to ensure comprehensiveness and accuracy
- Review collection and/or pieces of the collection with relevant local education specialists

## Convert to offline format & compile Index

- Convert to openZIM
- Pull in Index integrated with Reader Kiwix
- Verify legality

## Release to public

- Publish on Wikipedia offline content library
- [Optional] Prepare media releases
- Distribute to appropriate audiences (Install in computers, e.g.)



# 1 Publishing offline Wikipedia materials

- Take the material as is (“snapshot” of current Wikipedia)
- Create specialized selection using “Collections extension” on Wikipedia
- Create specialized “content packages” (e.g., “Wikipedia for Schools”, “Wikipedia 1.0”)
  - Google Summer of Code project: move tools to help create these specialized packages within Media Wiki



*New  
Feature!*



2

# Storage: New options; improved options!

**PDF**

*Books! Print!*

**ZIM**

*Computers!  
Mobile phones!*

**ePub /  
MOBI**

*Ereaders!  
Kindle!*



3

# Kiwix: allowing access without Internet

[http://www.kiwix.org/index.php/Volunteers\\_program](http://www.kiwix.org/index.php/Volunteers_program)

The screenshot shows the Kiwix web browser interface. The main content area displays the article for 'España' (Spain). The article text includes information about the country's status as a member of the European Union, its territory, population, and official language. A table of contents is visible on the left side of the article, listing sections such as 'Etimología', 'Historia', 'Gobierno y política', and 'Organización territorial'. On the right side, there is a summary box for 'Reino de España' featuring the national flag, coat of arms, and a table of key facts.

Reino de España <sup>1</sup>	
Lema: Plus Ultra (latín: "Más allá")	
Himno nacional: Marcha Real o Granadera	
Capital	Madrid
• Población	3 132 463 <sup>[1]</sup> (2007)
• Coordenadas	40° 25' N 3° 45' O
Ciudad más poblada	Madrid
Idioma oficial	Español / Castellano <sup>2</sup>
Forma de gobierno	Monarquía parlamentaria
Rey	Juan Carlos I
Presidente del Gobierno	José Luis Rodríguez Zapatero
Formación	Véase el artículo «De Hispania a España»
Superficie	Puesto 51º
• Total	504 645 <sup>[2]</sup> km²
• % agua	1,04%
Frntereras	2 032 km



- Kiwix for Android
- Measurement tools
- New website
- Bug fixing



# Distribution: Huge opportunities!





4

**Distribution:** We need specialized content!

Location specific:

India

Kenya

Language specific:

Spanish

Portuguese

Thai

Indonesian





# Volunteer options

**“How to” guides**

**Publicity**

**Distribution**

**Fundraising**