

# MobiMOOC: using a mobile MOOC to increase educational quality for a diversity of learners through dialogue and ubiquity

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# MOOC: hype and fact

MOOC!!!

Lots of discussions on MOOC

- MOOC will change (higher) education ... or not
- Higher Ed business models are questioned
- Sustainability?
- Teacher implications....

MOOC is a Massive Open Online Course, using innovative educational technologies and which can be followed all over the world.

# Contemporary MOOCs: 2 main types

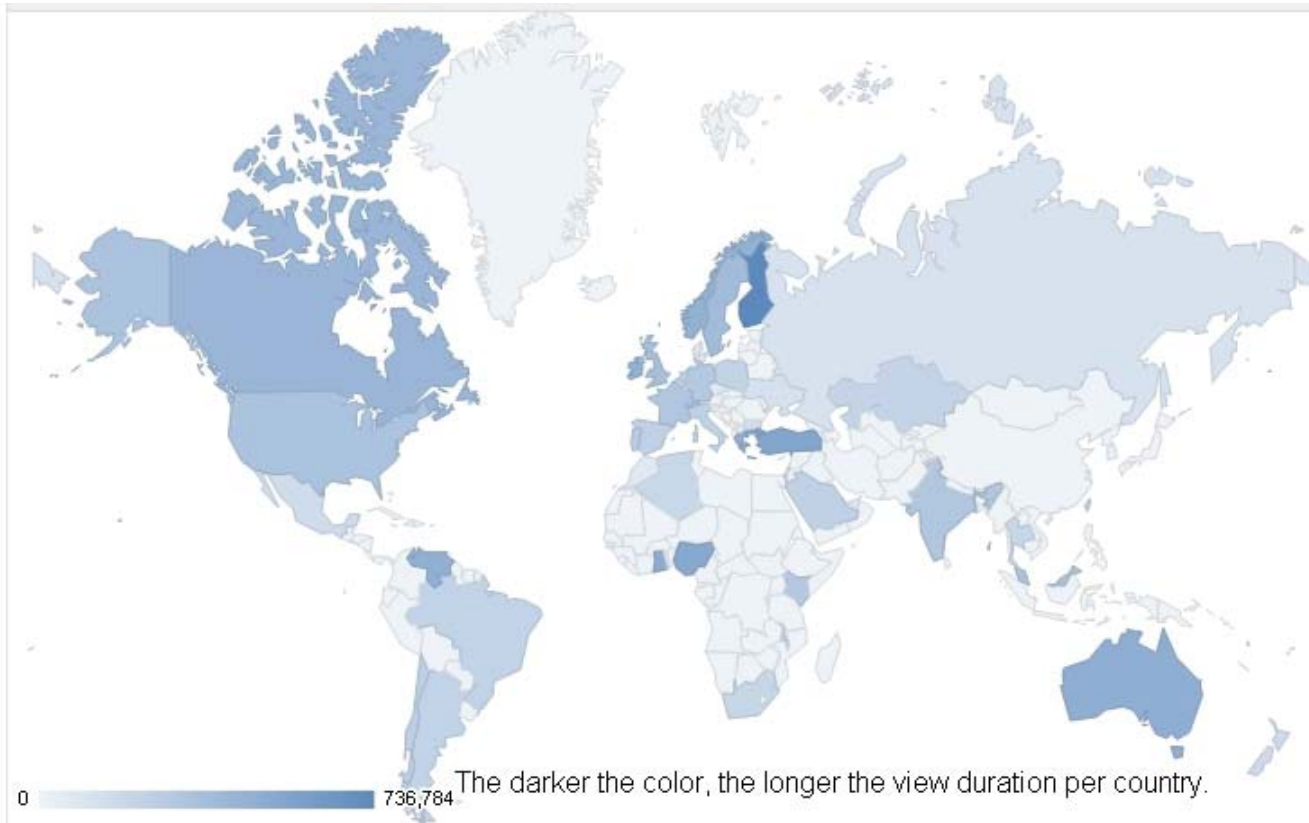
cMOOC	xMOOC
First MOOC format to be developed	MOOC format on the rise at Universities
More connectivist learning oriented: George Siemens	More behaviorist learning oriented: Burrhus Frederic Skinner
Based on dialogue and networking	Based on student/content transfer
More informal (participant input & content production), open badges	More formal (behaviorist approach: easier for assessment and accreditation)
Network building, trust in collaboration	Less networking, trust in content and institution
Ad Hoc learner space: Learning Quilt	Fixed LMS: <a href="#">Coursera</a> , <a href="#">Udacity</a> , <a href="#">Canvas.net</a> ,
Social media rich	Social media used
Expert learning, Community of Practitioners (CoP), lifelong learning for high knowledge workers	Personal accreditation, lifelong learning basics, personal knowledge increase, starting from basic information.
Room for emergence	More stick to the plan
High drop out, free in most cases	

What do you need? iMOOC?

# Ubiquitous factor?



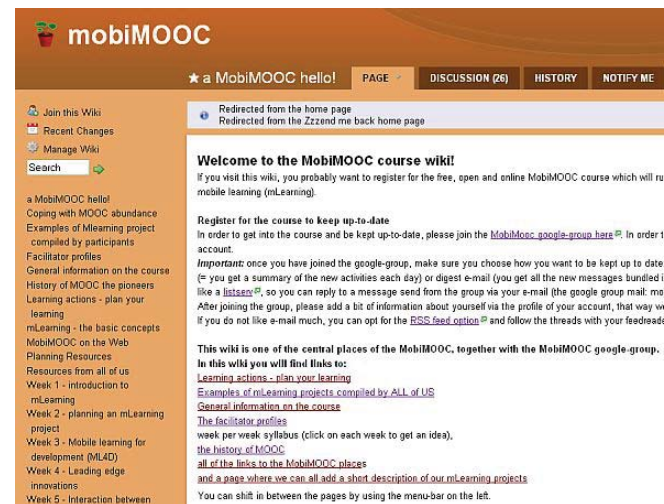
Most MOOCs aren't designed with mobiles in mind, which builds a digital gap for worldwide learner access.



## MobiMOOC worldwide content access

<span>Video</span> <span>Geography</span> <span>Date</span>			
Video	Estimated minutes watched	Average view duration	Average percentage viewed
1. mobimooc launch video	1,603	3:47	49.4%
2. mobimooc2012 mlearning intro presentation	1,131	6:39	15.3%
3. MobiMOOC 2012 Adele Botha presentation	996	7:00	11.1%
4. MobiMOOC 2012 John Traxler global impact mobile d...	835	10:51	18.2%
5. MobiMOOC mLearning planning full	558	4:36	22.9%

# MobiMOOC = mobile MOOC lab



- Using course spaces build for mobile (researching differences)
- Different facilitator approaches (passive, active, participatory...)
- Different course architecture (linear, branching...)
- Different learning/teaching dynamics (behaviorist => social-constructivist/connectivist)
- Different course durations

# About MobiMOOC

A Massive Open Online Course (MOOC) on mobile learning (mLearning) => MobiMOOC

1250 learners, 17 facilitators, 9 weeks, 14 mLearning topics:

2 core course spaces:

Course wiki (<http://mobimooc.wikispaces.com/>)

Course discussion group

<https://groups.google.com/group/mobimooc2012>



- MobiMOOC 2011, first run: April-May 2011
- MobiMOOC 2012, September 2012



# Some MobiMOOC results

In the limited timeframe of 3 weeks, participants managed to build [17 mobile learning projects](#) on a variety of topics all connected to their field of interest based on a mLearning project template. One project got the MobiMOOC award (500 USD): m-Shakti, a mLearning project by Videhi Bhamidi to empower women in India on the subject of violence and aggression (timely subject). The [project plan can be viewed here](#).

A set of videos usable as [mLearning OER](#)

An overview of how to [plan mobile learning projects](#)

A set of [guidelines on setting up a scalable and durable mLearning project](#) (stakeholders, challenges...)



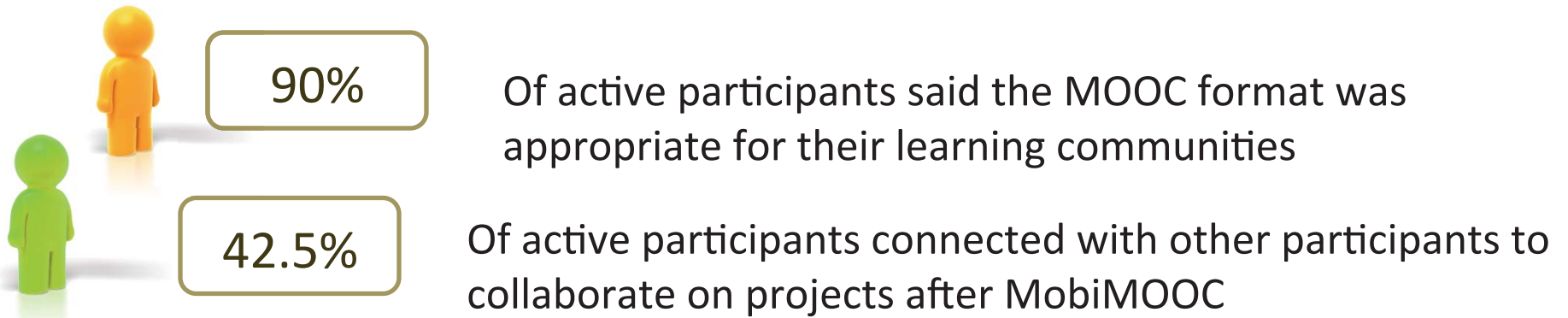
# Research: mobile learners enter into more interactions => more reflection

**During a mixed methods research the impact of mobile access on learner interactions was investigated to see if having a mobile accessible course would indeed result in more learner interactions (more reflections, leading to knowledge creation).**

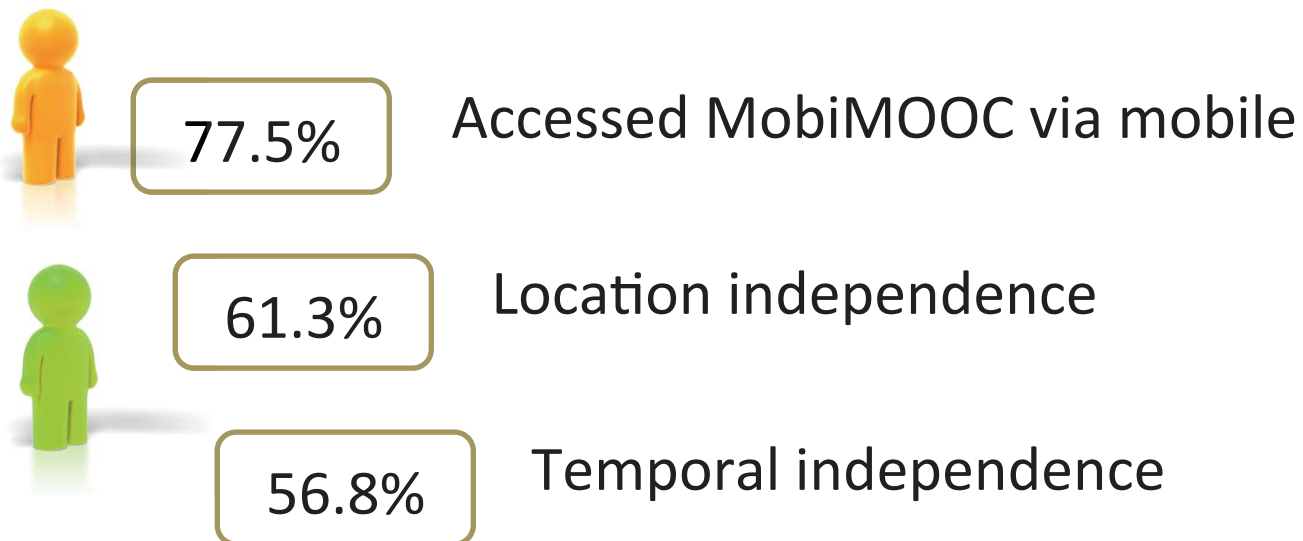
## **Results (very brief):**

- Mobile users engage more frequently in learner interactions than the non-mobile users. Additionally mobile users engage more in follow-up messages leading to increased understanding.
- Mobile users engaged more in learner interaction, which they also find of more importance. Self-regulated learning was more present in mobile learners (easier to manage time and balance work/life/family), mobile users were less dependent on time and location to access the course.
- Ubiquity results in the learners selecting the tool they feel most comfortable with to access the course (heightens ownership).

# MOOCs: Appropriateness & Affinity



# MOOCs: ubiquity through mobile



# Biggest shift => human teaching factor



## Challenges for

- Overall coordinators
- Helpdesk and architecture
- Topic specific facilitators / guides-on-the-side
- Learners

=> More interactions, more emergence!

# Core factors for success

1. Ensure basic digital literacy (what tools, how to use them...)
2. Provide a userfriendly (= one button), mobile learning environment.
3. Create mobile content next to big content (users can choose content depending on their time and context)
4. Offer content relevant ice-breakers from the start to get course dialogue and a community feeling.
5. Provide a clear course timeline (when what learner actions are required, where the course is heading, what content will be discussed when...). Build in reflection time!
6. Provide clear (collaboratively written) communication guidelines (different cultures, different language proficiency) .
7. Pilot test the course and its tools prior to roll out.

And ... warn all participants for information overflow and the need for them to build self-regulated learning strategies that work for them.

Do cover the basics and ... avoid course failure!

# The coordinator & facilitators keep everyone extra motivated



- Everyone knows her/his role and the challenges of a MOOC (chaos, overload)
- Facilitators are guides-on-the-side
- Round up mails are provided per week
- Keeping people motivated by connecting and keeping informed and course oriented (timeline)
- Provide guidance for self-regulated learning
- Get in touch with potential drop-outs

=> interactions are stimulated

# Interested in MOOC designs?

Talk to me in the UNESCO corridors  
or ask me here and now

# Contact me: questions, networking...



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And feel free to talk to me right here, right now!