



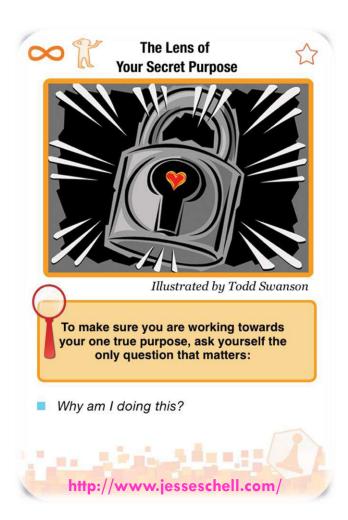
SERIOUS GAMES
ARE ABOUT
STORYTELLING!

Innovation in motivational design: new technologies, content platforms and deeply storytelled solutions for better interventions

SERIOUS
GAMES ARE
ABOUT
TECHNOLOGY!



oscargp@enti.cat @kokopus_dark







In Era of Perceived Disengagement =

'Engagement' Rising...

SOURCE:

INTERNET TRENDS 2017 –
CODE CONFERENCE

Mary Meeker
May 31, 2017

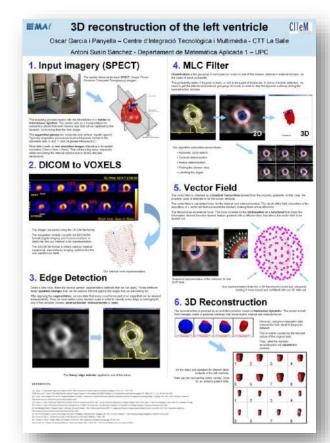
kpcb.com/internetTrends

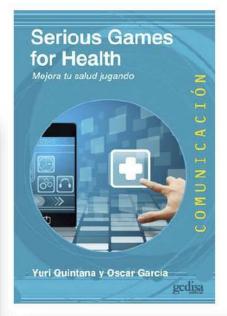
KLEINER
PERKINS

WHO AM



Oscar García Pañella, PhD









applied Barcelona besides California Center COOKIEBOX

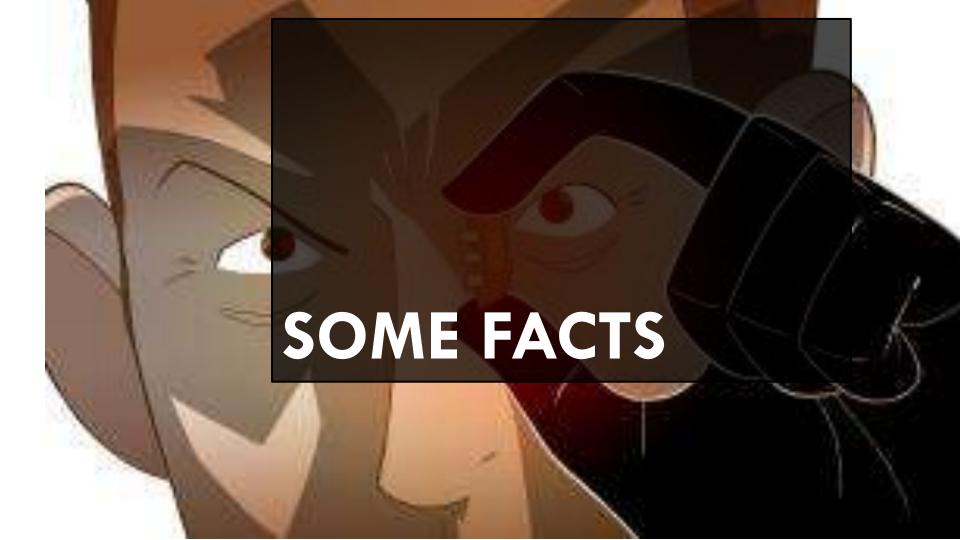
Course creation degree Departments design directs Edutainment

Engineering Entertainment ENTI etc games

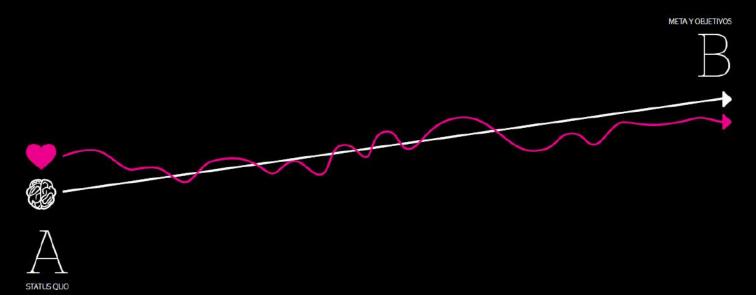
Gamification IEBS Mest include Interactive interesting Mestalia multimedia Oscar others Ph project Reality research Sc

School Serious several Skills Soft Spain Stream Technology topic Transmedia

University Videogame Virtual Mortel



THE ADHERENCE CHALLENGE





THEN & NOW...









1989 Super Mario Bros. 2







Mario

64

2002 Super Mario Sunshine







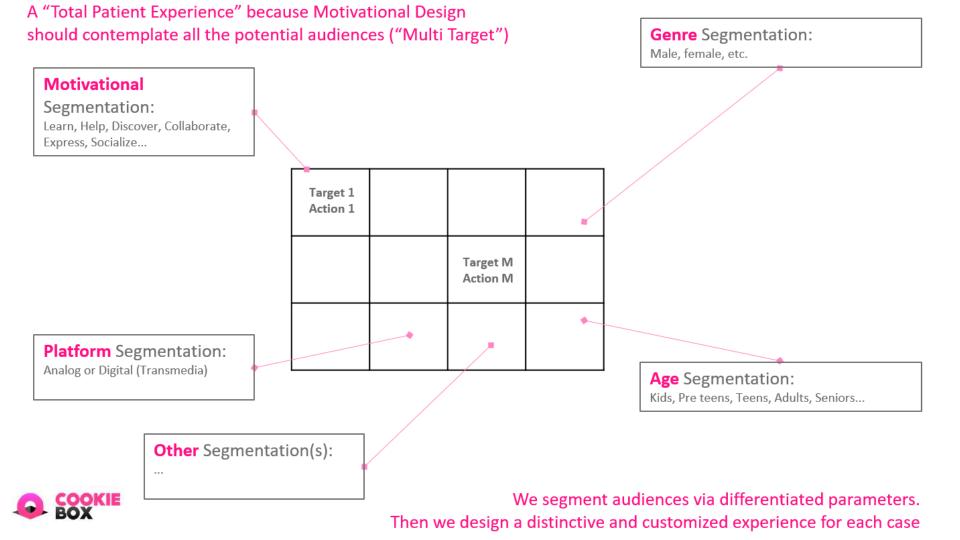
2009 New Super Mario Bros. Wii

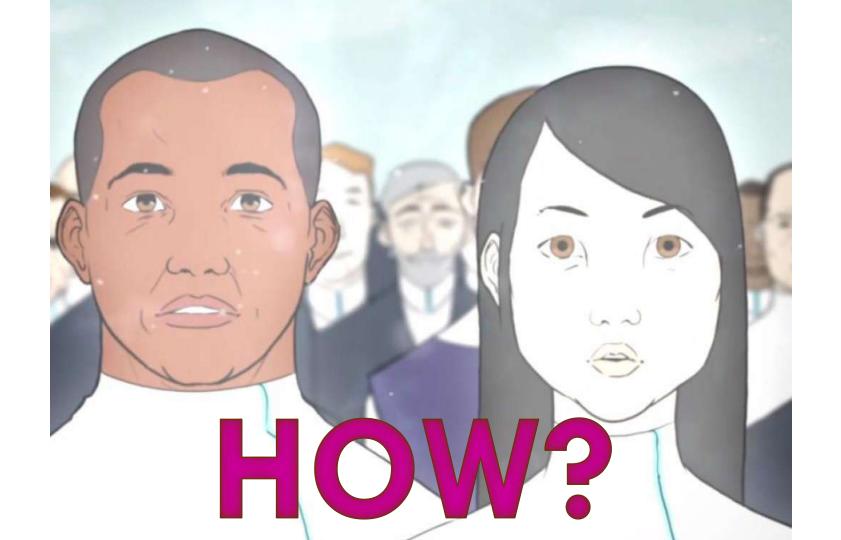
2010 Super Mario Galaxy 2



A Cookie for each individual







407/LA7/C

Simulators

Serious Games

(Exergames, Games for Health, Edugames, Advergames, Newsgames...)

Gamification

Commercial Games and Videogames



Repetition Dynamic Difficulty Adjustment Solving Puzzles

Planning Workflows

Completing Projects

Leveling Up Competing

Exploring / Discovering

Following Rules

Collaborating – Social Connection / Leadership

Observing Interacting With / Analyzing Data

Self Optimizing

Creative Story Telling

CODE CONFERENCE Mary Meeker May 31, 2017

INTERNET TRENDS 2017 -

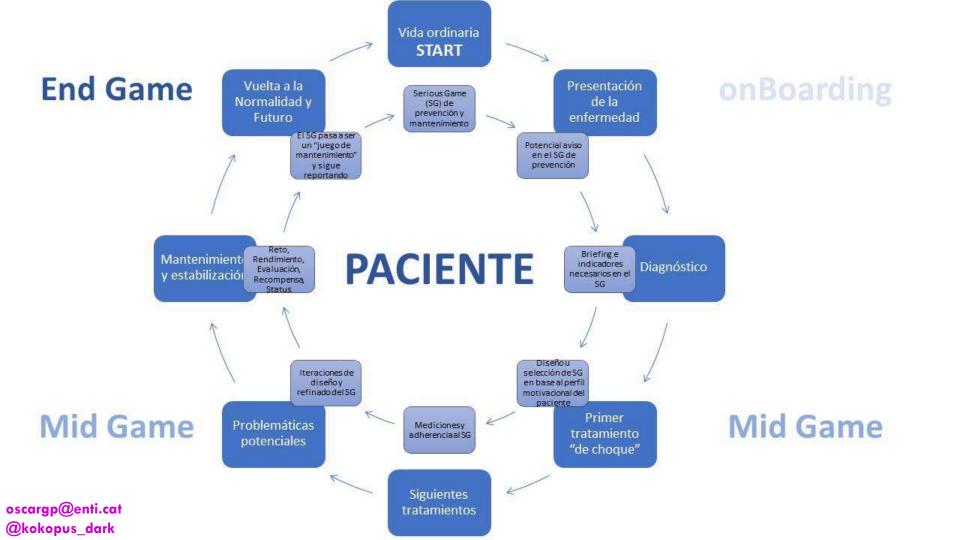
pcb.com/InternetTrends

PERKINS

SOURCE:

Serious (or applied) Games build competences while entertaining. These can manage behavioral change too





Gamification = Influencing Multiple Consumer Services...

Education Duolingo



Personal Health Mango Health



Personal Finance



Energy Conservation Nest



Food Starbucks



Exercise myfitnesspal



Dating Bumble



Advertising Snapchat



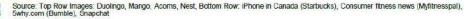
SOURCE:

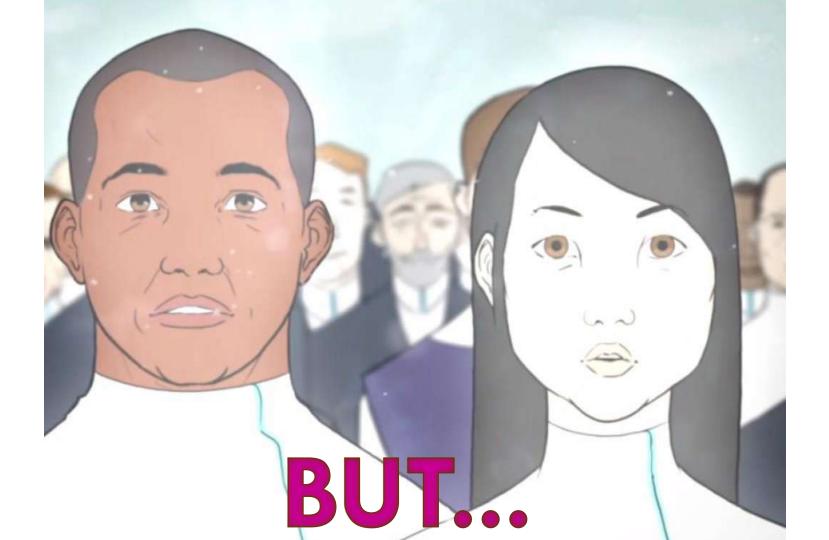
INTERNET TRENDS 2017 —
CODE CONFERENCE

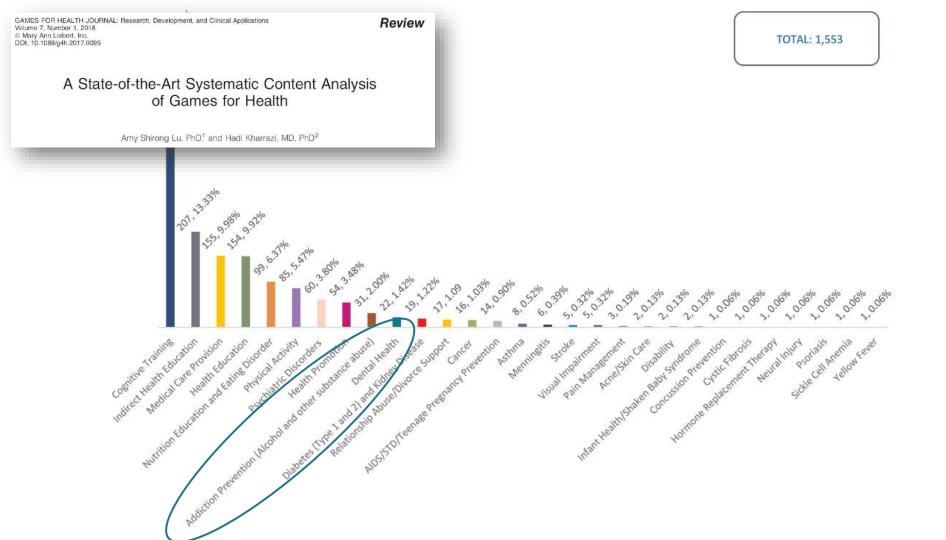
Mary Meeker
May 31, 2017

kpcb.com/InternetTrends

KLEINER
PERKINS









According to Stratistics MRC, the Global Serious Game market is accounted for \$2198.96 million in 2015 and is expected to reach \$7833.14 million by 2022 growing at a CAGR of 19.8% from 2015 to 2022. Factors such as increasing usage of mobile devices and social media, growing usage of mobile-based educational games, increasing need for user learning are driving the serious game market. However, improper game design, lack of awareness and assessment tools will hinder market growth. Further, increasing scale of digitization and emergence of social networks would provide ample opportunities for the market to grow.

Serious Game - Global Market Outlook (2016-2022) http://www.strategymrc.com/report/serious-game-market-2016 GAMES FOR HEALTH JOURNAL: Research, Development, and Clinical Applications Volume 7, Number 1, 2018

Mary Ann Liebert, Inc.
DOI: 10.1089/g4h.2017.0095

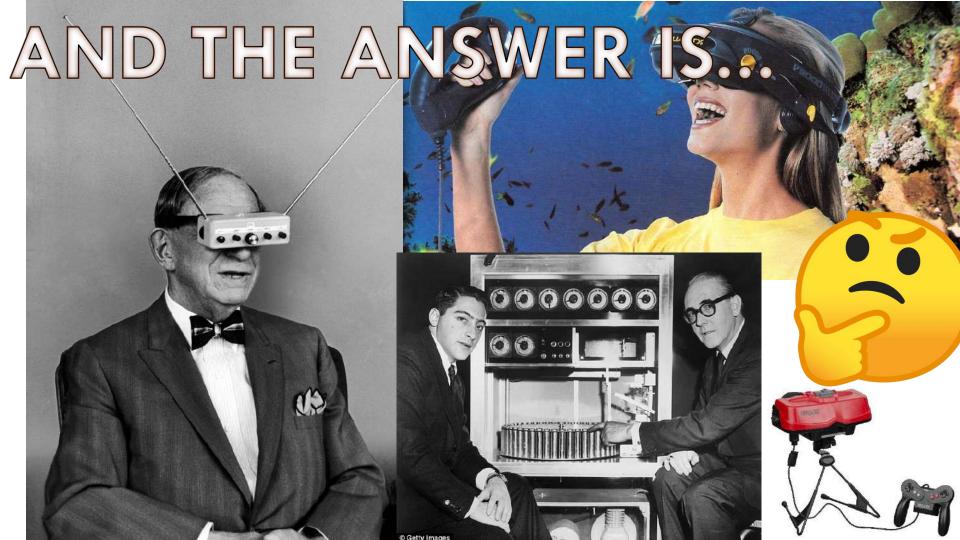
Review

A State-of-the-Art Systematic Content Analysis of Games for Health

Amy Shirong Lu, PhD, and Hadi Kharrazi, MD, PhD2

- 94% for SOLO players
- 1 out of 5 (ONLY) had a strong narrative
- Players UNABLE to customize
- No sufficient info available, lack of tutorial and therefore a CHALLENGE to understand properly
- Lack of feedback provided with regard to game status (FRUSTRATION)
- Homophily in caracter design (GENRE issues)
- Most of the games are free and web-browser supported (BUDGET issues)



















MAY
TECHNOLOGY
BE WITH YOU!

oscargp@enti.cat @kokopus_dark

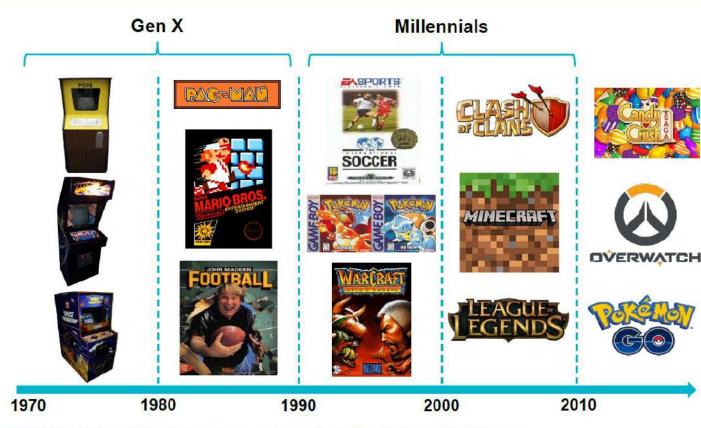








...Gen X + Millennials = Gamified Since Birth





SOURCE:

KP INTERNET TRENDS 2017 | PAGE 83

INTERNET TRENDS 2017 –
CODE CONFERENCE

Mary Meeker
May 31, 2017

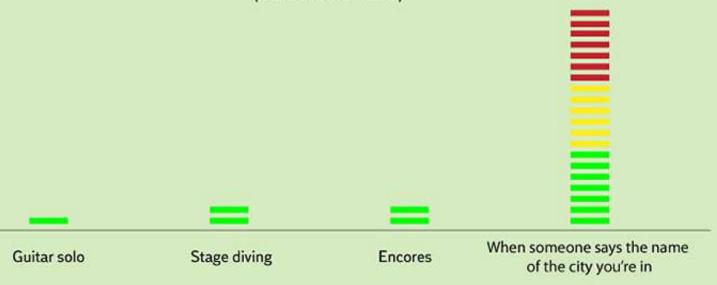
kpcb.com/internetTrends

KLEINER
PERKINS



ENTHUSIASM AT CONCERTS

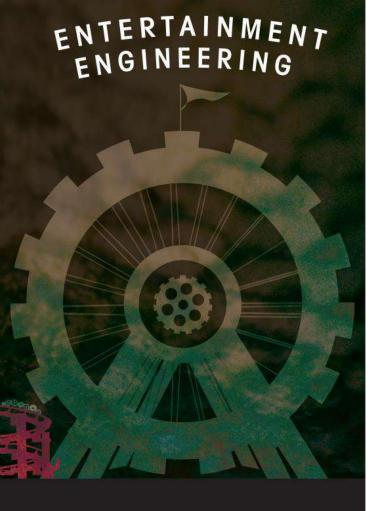
(measured in decibels)





truthfacts.com





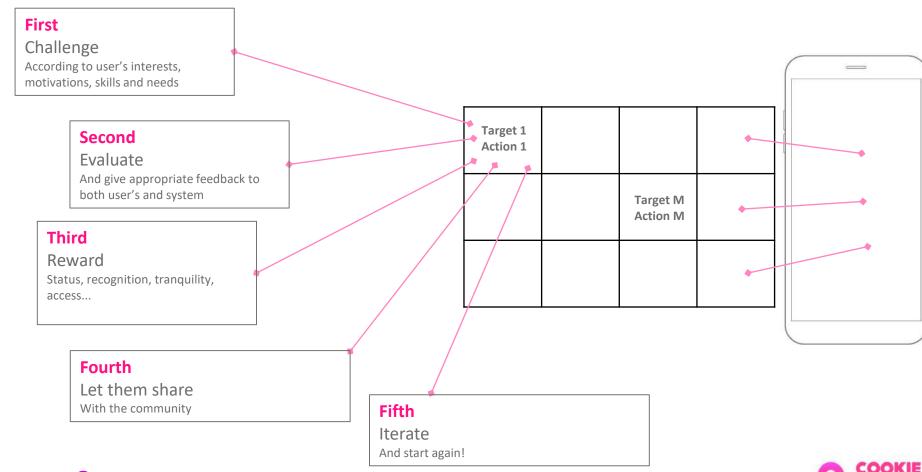
1. It's the "total entertainment experience" ("total guest experience") that determines success.

- "complete immersion"

 "The more a guest feels immersed in an experience, the better that experience seems to be. We know that the immersion is achieved by various art forms all coming together to tell one story. The background music, the landscaping, the texture of the ground we walk on, etc., all contribute to the total guest experience."

 (Alec Scribner, personal communication)
- "detail"
 "The more detail, the more immersive the experience. But the
 detail does not have to be completely realistic to a period or time
 or place."
- "complete sensory experience"
 Another Imagineer offered that "the basic definition of 'total guest experience' is the complete sensory experience that is provided by any particular purposefully created environment, ... completely enveloping a human into its environment."







The Gamificator's journey









Client + Briefing Identity both Generic & Specific **Objectives** (Challenges)

Indicators As a consultant

Define...

Metrics

Show best cases & scientific references







Combine Game Elements Mechanics Activities. Missions, Actions... While unfolding a deep & epical... Storyfelling











Pointification is also relevant

Never hesitate to Playtest as much as you can

Iterate your solution while implemented because... Refinement is crucial











MOTIVATIONAL DESIGN METHODOLOGY



STATUS QUO



STORYTELLING

INPUT

Briefing and

other previous

information

and

knowledge

from the

situation.

goals, target...

With it, we can

kick-start the

co-creation

process.

In the co-creation process, we align ourselves with our target, deepen our knowledge and gather information to define the experience. We do it through challenges, which have a defined structure:

CO-CREATION JAM



Output

CHALLENGE RESOLUTION

EXPERIENCE DESIGN DOCUMENT

We synthesize the outputs from the jam in a document which designs the experience connecting general and specific goals, platforms, restrictions, target motivation...





LAUNCH



TEASER, **NEWSLETTER...**

A high-impact multimedia presentation of the universe to capture attention.



OTHER ACTIONS

Media campaign, gamified on-boarding experiences....



TRANSMEDIA EXPERIENCE

LIVE/DIGITAL EXPERIENCE

A system which produces notorious outputs to develop skills and change behaviours.

Connection to innovative initiatives which give life to the programme



Content generation and connections with the "outside world"



GAMIFICATION





















TRANSFER



Badges and Prizes



and Progress





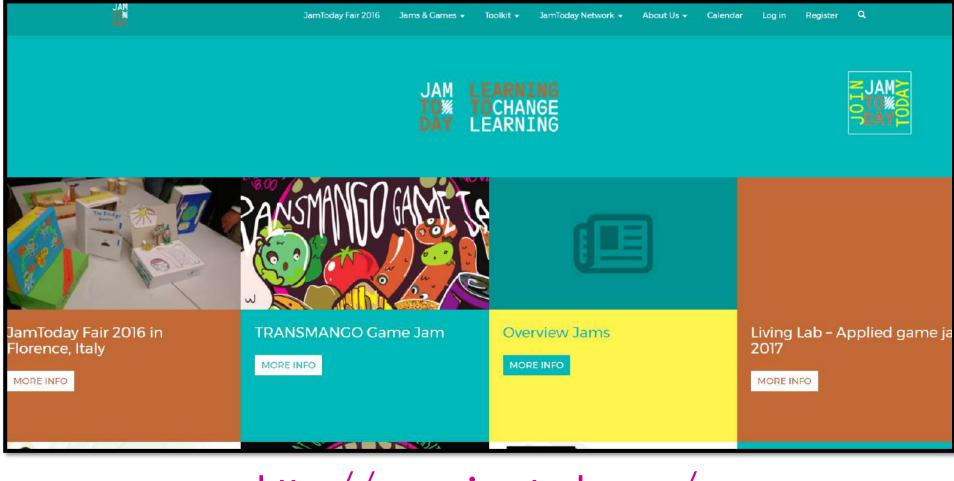
But we lack the profiles that we need in order to create decent games We (I, YOU) cannot implement everything!!! So...





CO • C • R • E • A • TE





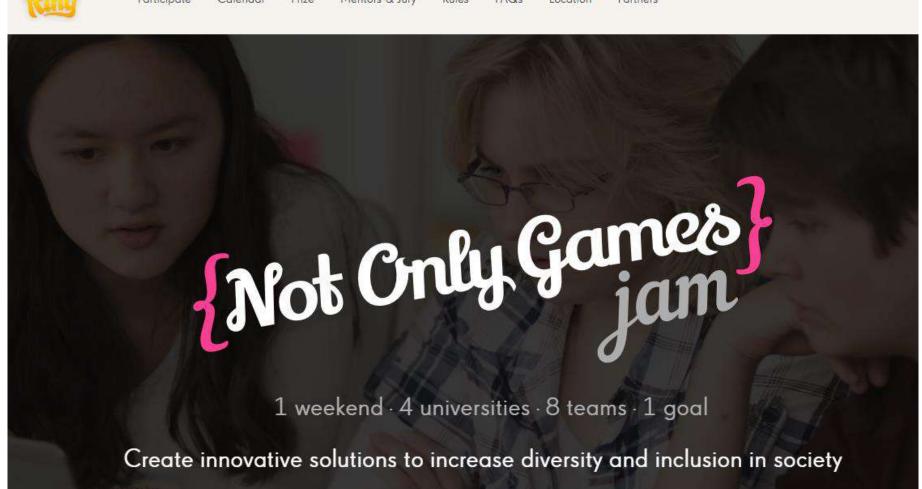
http://www.jamtoday.eu/



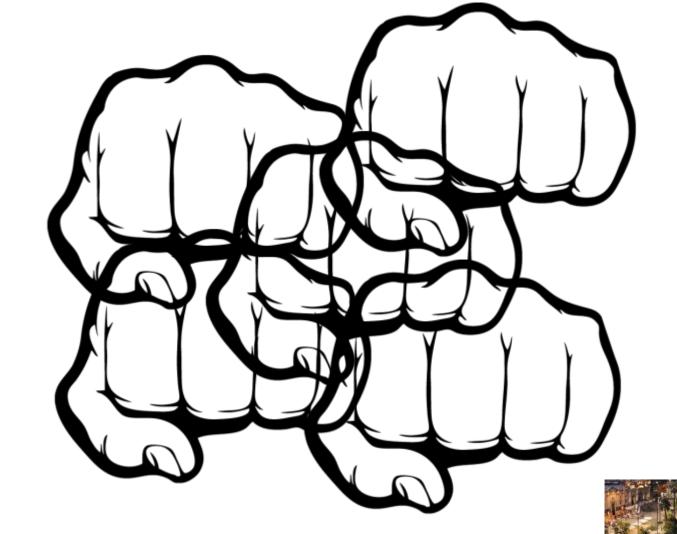














- 1. Need to **Engage** (the loop)
 - 2. <u>Total</u> Patient Experience
 - 3. <u>Customize</u> (the matrix)
- 4. <u>Design</u> well = Psychology first plus "the other" axes5. Co-create

