FUN : the French national MOOC initiative to boost digital innovation in Higher Education

Rencontre France Allemagne “le numérique oe dans l’enseignement supérieur”, Berlin, 6 septembre, 2017

Catherine Mongenet
CEO, France Université Numérique / FUN-MOOC
French digital agenda and MOOC Project

May 2013: French digital strategy for HE

- 4 priorities
  - Improving student academic success
  - Encouraging innovative teaching methods, rethinking how we teach
  - Ensuring the development of connected campuses
  - Reinforcing the French universities’ attractiveness

- 18 actions
  - State-of-the-art infrastructures / Efficient information systems
  - Innovative digital services / Transformation of campuses using digital technologies
  - Better use of digital technologies in curricula
    - Transforming curricula using digital technologies: From blended to online learning
    - Transforming pedagogy and teaching practices
  - Research on e-education and « digital studies »
French digital agenda and MOOC Project

May 2013: French digital strategy for HE

➢ One major action: create a shared MOOC platform

- **Technology**
  - Open source solution
  - Platform hosted in France

- **Data privacy**
  - Learning data confidentiality
  - Anonymized data for research labs

- **Editorial policy**
  - Open to all French universities
  - Editorial committee to integrate partners
  - Quality charter

- **A community of practice**
  - A collaborative space, seminars, training sessions
  - Participatory events: MOOCAMP Days; Hackathon
French digital agenda and MOOC Project

May 2013: French digital strategy for HE

➢ One major action: create a shared MOOC platform

Oct. 2013: Launch of the FUN MOOC platform

May 2014: Public consultation among French HE institutions

Sept 2015: Creation of the public organization FUN-MOOC
  • 29 members representing 194 HE French institutions
  • 15 public & private HE partners
  • A network of 1300 representatives
### FUN: Facts and Figures

#### Catalogue
- 330 Courses
- 620 Sessions
- 100 Institutions

#### Enrollments
- 3,450,000

#### Learners
- 1,100,000
- 120 countries

#### A Francophone audience

<table>
<thead>
<tr>
<th>Country</th>
<th>Learners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morocco</td>
<td>3.60%</td>
</tr>
<tr>
<td>Tunisia</td>
<td>1.24%</td>
</tr>
<tr>
<td>Côte d'Ivoire</td>
<td>2.22%</td>
</tr>
<tr>
<td>Burkina Faso</td>
<td>0.79%</td>
</tr>
<tr>
<td>Algeria</td>
<td>1.86%</td>
</tr>
<tr>
<td>Congo (RDC)</td>
<td>0.75%</td>
</tr>
<tr>
<td>Cameroun</td>
<td>1.40%</td>
</tr>
<tr>
<td>Guinée</td>
<td>0.56%</td>
</tr>
<tr>
<td>Senegal</td>
<td>1.35%</td>
</tr>
<tr>
<td>Madagascar</td>
<td>0.47%</td>
</tr>
</tbody>
</table>
The FUN initiative has pushed HIE to go beyond MOOCs

FUN fosters these developments
FUN missions

1. **boost the FUN community**
   - A network of 1300 representatives
   - A team to support MOOC producers
   - Training sessions
   - Best practices sharing...

2. **Encourage new uses**
   - Certificates through proctored exams / ECTS
   - Collections / series
   - SPOC and flipped classrooms
   - SPOC for continuous education & professional training

3. **Foster partnerships**
   - With socio-economic actors
   - With public institutions
   - With startups (R&D project)
   - With international partners: Morocco, Senegal,...
New developments

Collections

Orientation MOOCs
On Topics that are not covered in high schools, Law, Psychology, Health…

Teaching using digital technologies

Series

C Programming
Live sessions in Fablabs

Digital design

Business processes
New university degree

Used on Campus in blended learning
New developments

Certificates

Honor code certificate

Verified certificate

Proctoring solution

ECTS credentials
New practices

- On campus
  - Flipped classrooms and blended learning
  - Courses reused as SPOCs
    - For a better supervision of the students
    - With an adaptation / contextualization to the academics objectives

- Life long learning / continuous education
  - For internal employees training
  - For unemployed people or for the working force in a given field
Partnerships

- **With international organizations**
  - AUF (Agence universitaire de la Francophonie)
  - IFAMED project
  - Kiron

- **With public institutions**
  - CNFPT (national center for lifelong learning civil servants)
    - MOOCs on territorial governance, public procurement, VAT, participatory democracy
  - EU Committee of the Regions
    - MOOC on EU Budget and funding for regions and cities

- **With startups**: EIFFELa R & D project
  - Enrich the user experience on FUN by including new functionalities (interactive videos, multi-participants live-events, adaptive learning)
  - Reinforce accessibility
Partnerships with socio-economic sectors

- **Food processing**
  - MOOC on training and competences development in the digital world

- **Metallurgy**
  - Collection of 6 MOOCs on fundamentals in engineering for technicians

- **ADEME (national agency for environment and energy)**
  - Project on sustainable building construction
  - **White label platform**

- **Inter-professional sectors** (Catering, Insurance, food processing, health and social sector, social economy and public housing)
  - SPOC to boost the digital transformation of VSE /SME
  - 43 000 companies concerned in Paris / Ile de France region
International partnerships

- Cooperation for **MOOC co-design or MOOC reuse**
  - Need to adapt / contextualize to fulfill pedagogical specificities

- Partnership with **Morocco**
  - Growing number of students
  - Develop blended learning
  - **White label platform** for Moroccan universities

- Partnership with **Ecole Centrale Pékin**
  - **White label platform** with MOOCs from FUN for their students

- Partnership with **Ivory Coast Virtual university**
  - Including AUF (with AFD funding)
  - **White label platform**
Thank you for your attention!