

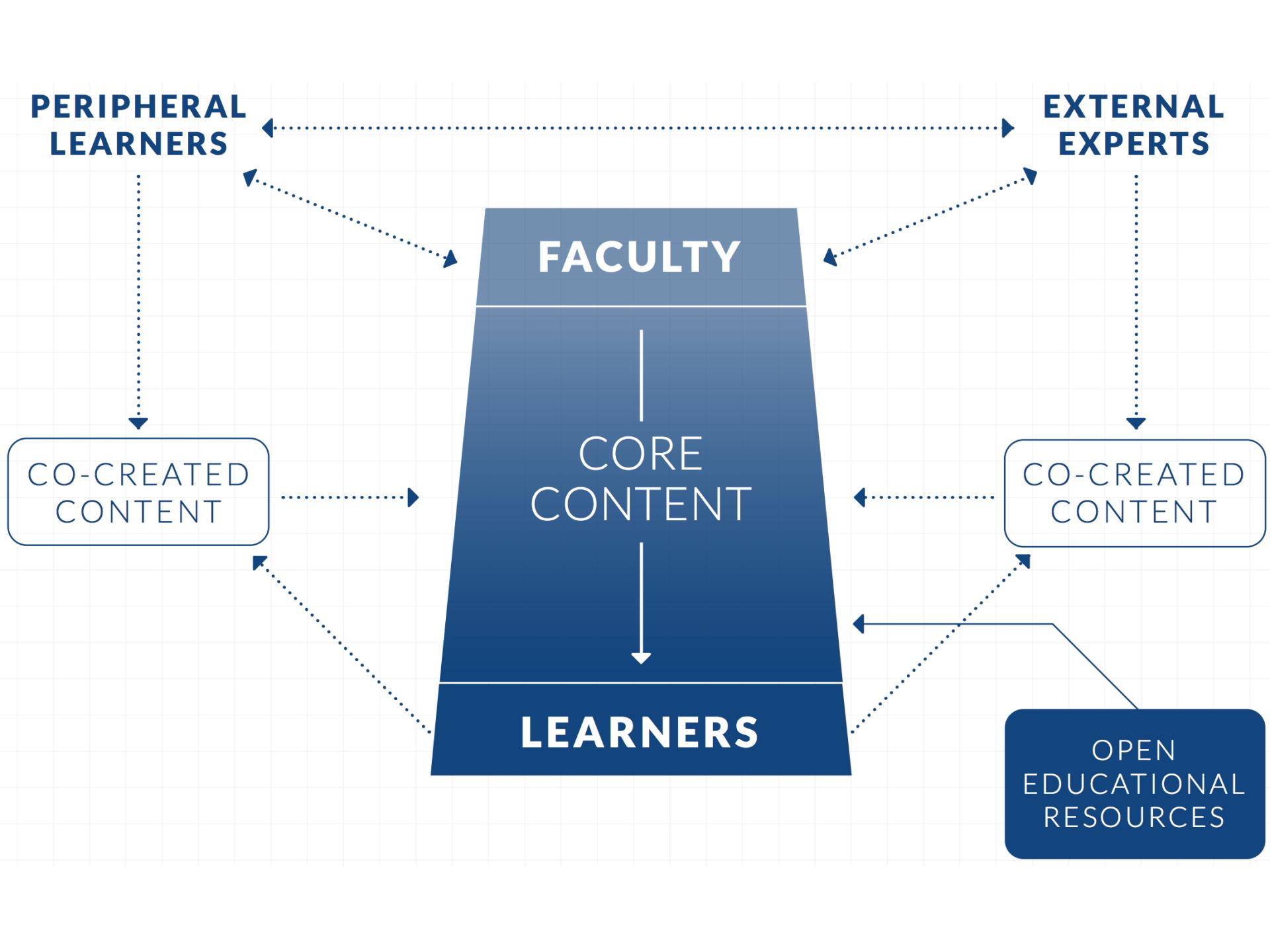
# Education (Innovations?): Connectivism, MOOCs, Learning Analytics

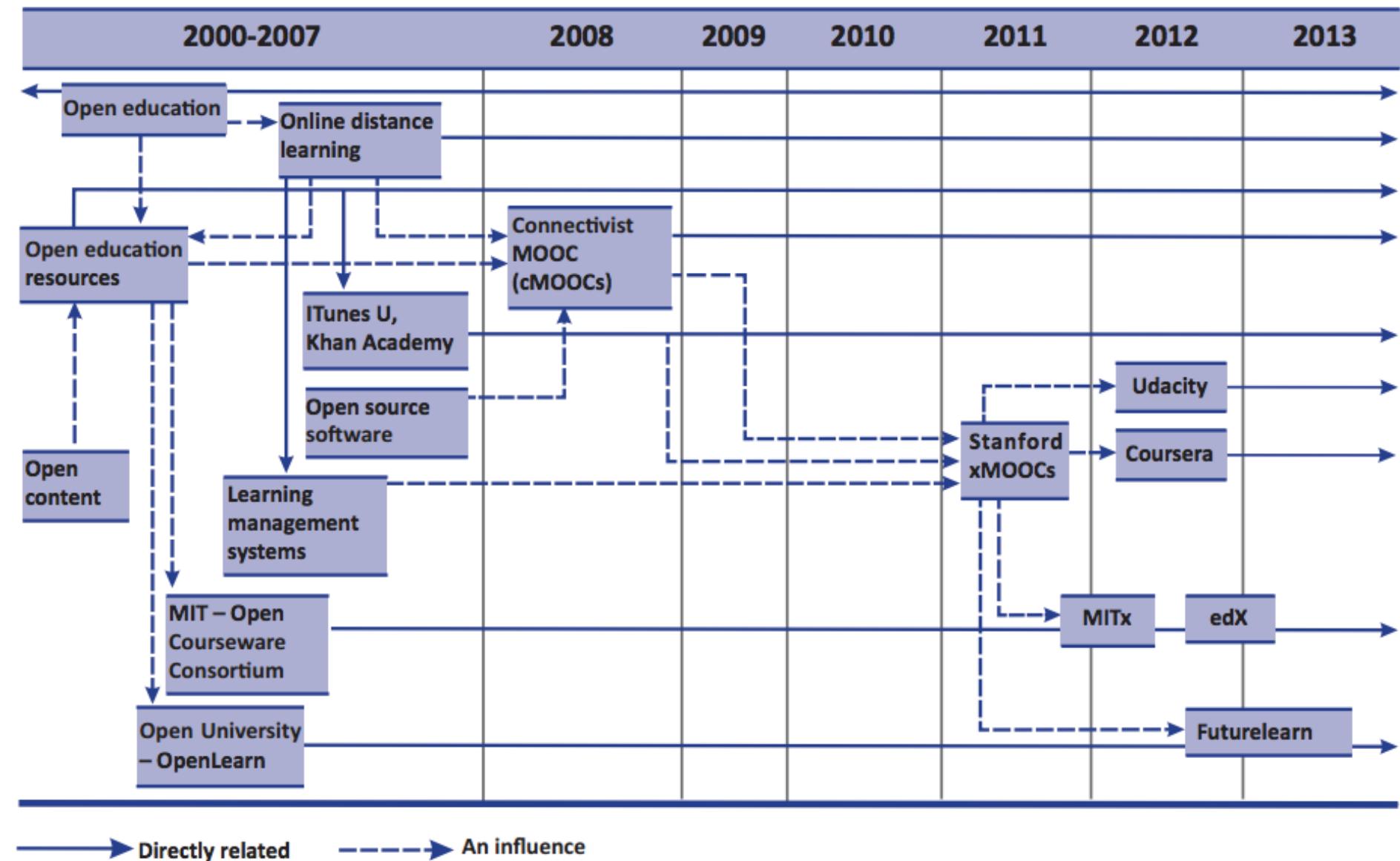
George Siemens  
Oct 21, 2015  
NAS

FACULTY

CORE  
CONTENT

LEARNER





UNESCO, 2013

**Figure 1: Timeline of MOOC developments**

Adapted from Yuan and Powell (2013)

*MOOCs and Open Education: Implications for Higher Education (CETIS)*

# MOOCs

Now reach 17+ million learners

(Important: over 21 million distance learners)

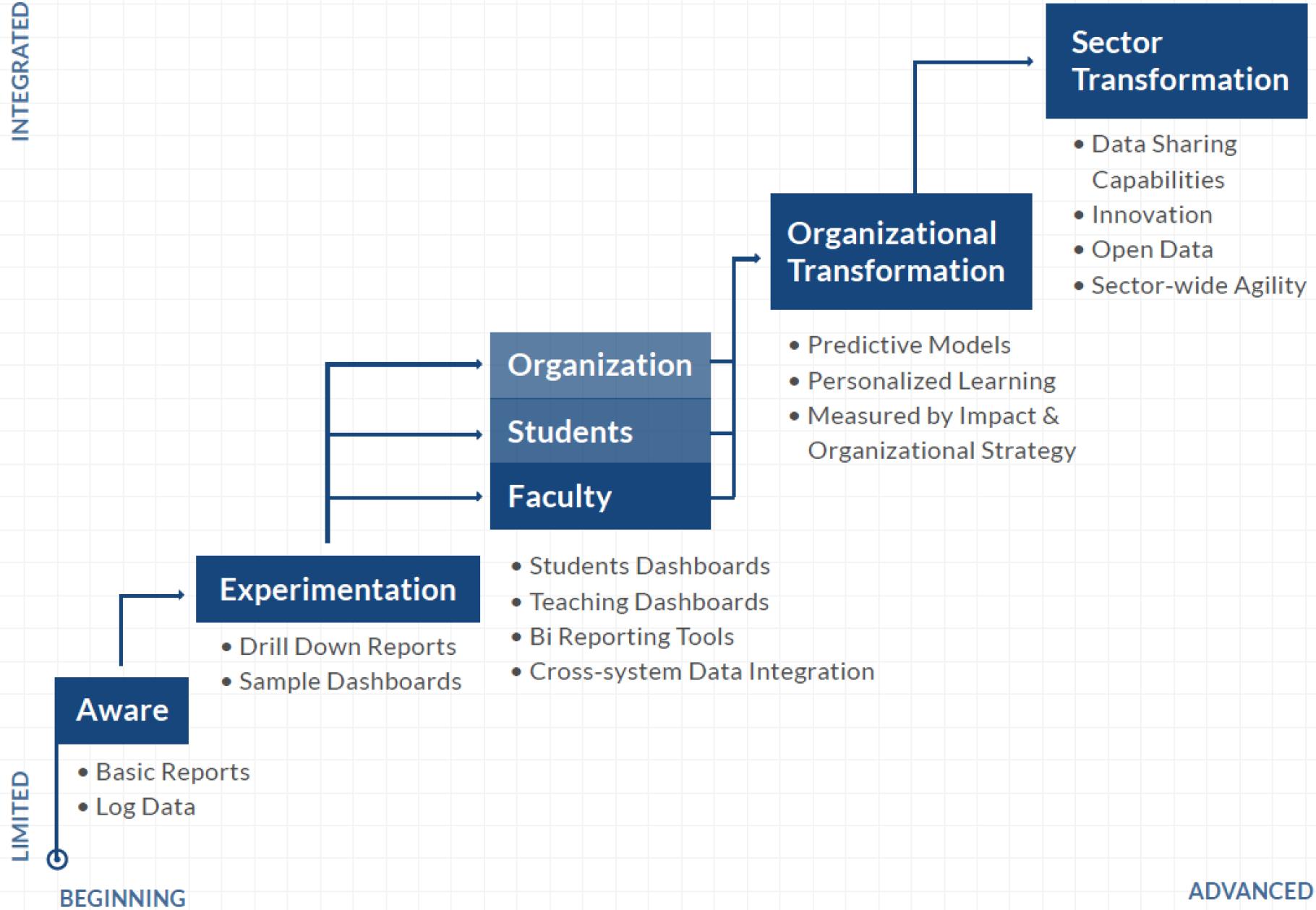
Hundreds of millions (billions) of \$\$ invested

Thousands of academics involved

Media exposure in mainstream publications

Developing ecosystem of value add products

On-campus debate/soul-searching



# What will LA do for learning science & education

Add a new research layer

Personalization

Optimization (move from negative orientation)

Organizational insight

Improved decision making

New models of learning

Increase competitiveness

Improve marketing/promotion/recruitment