

Wave 5

Launching the next wave in higher education

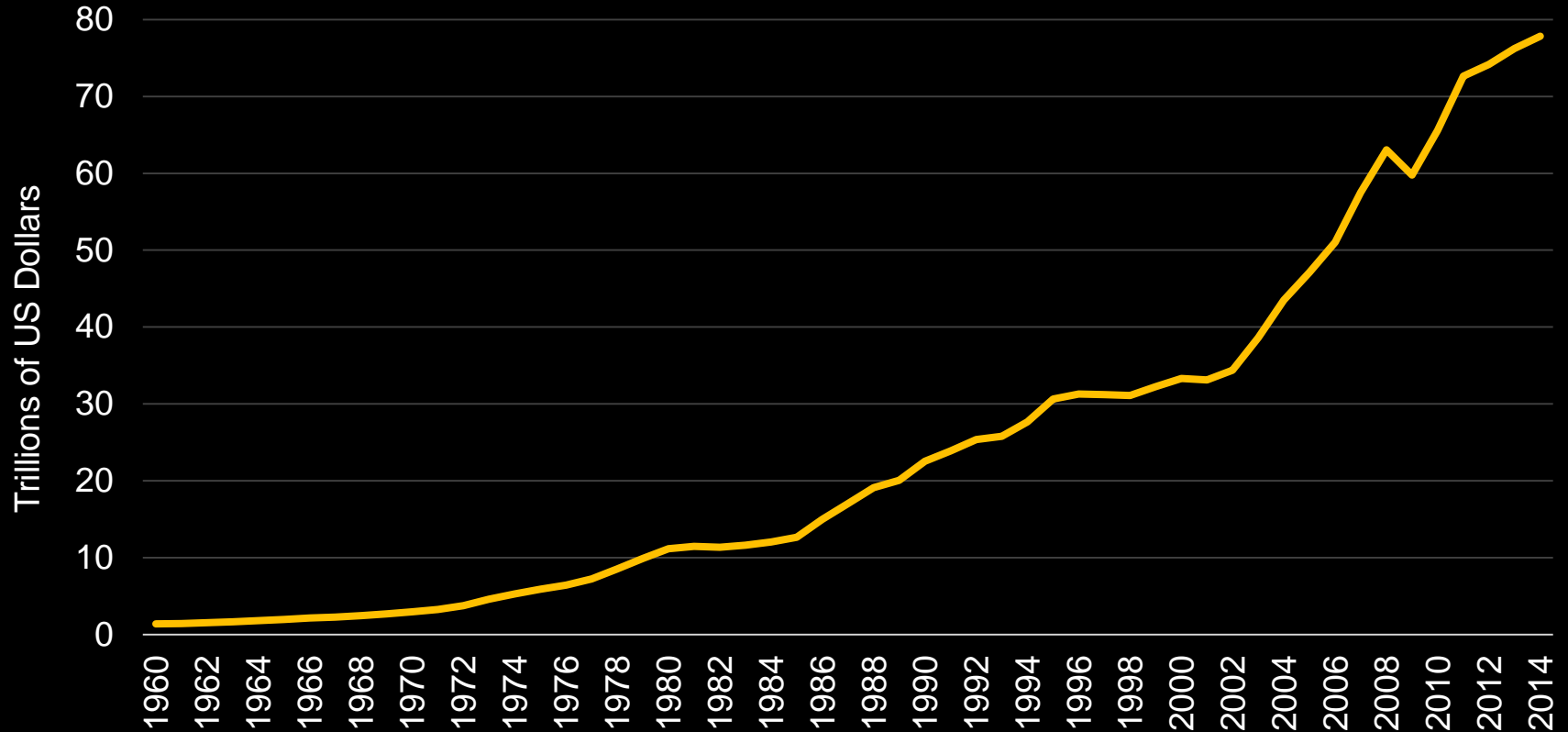
Michael M. Crow

The Sedona Forum

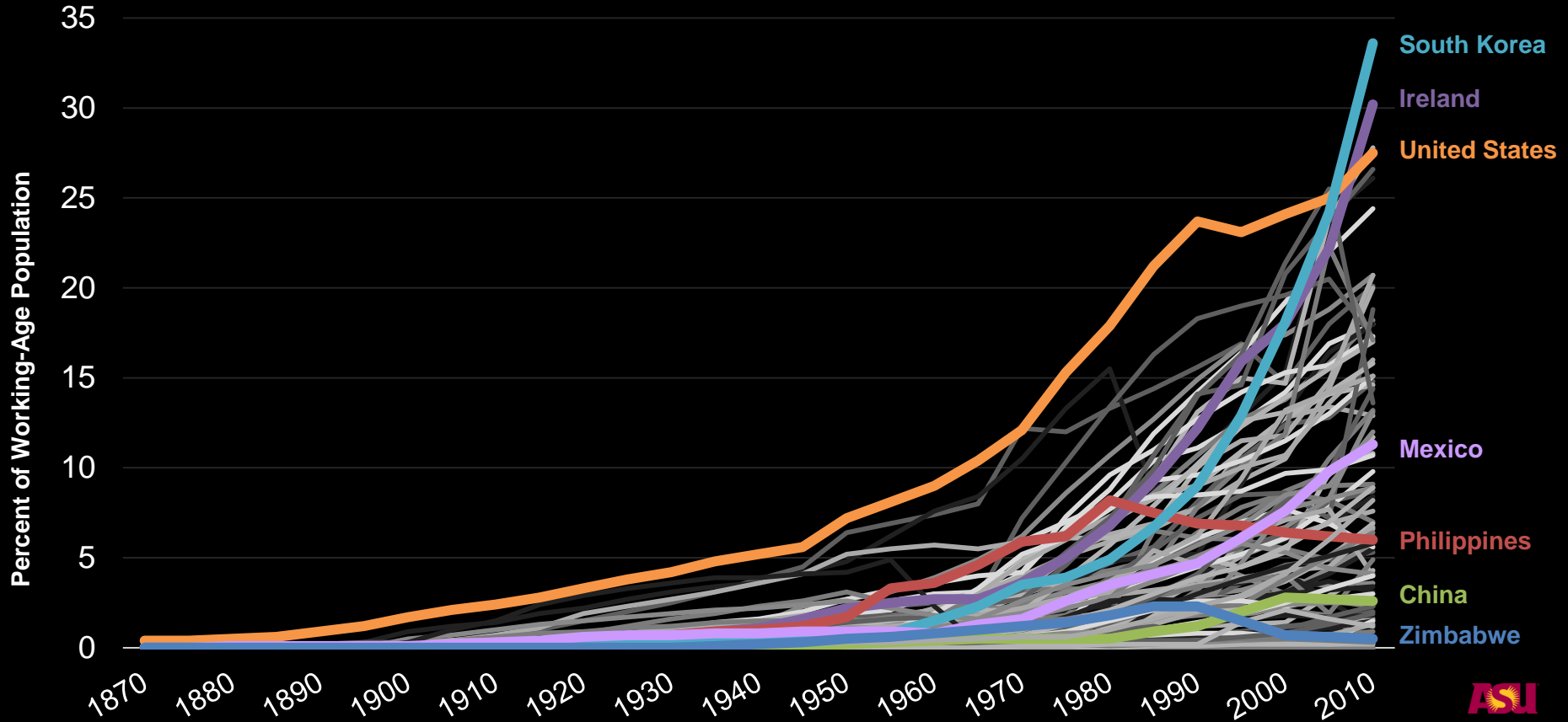
April 9, 2016



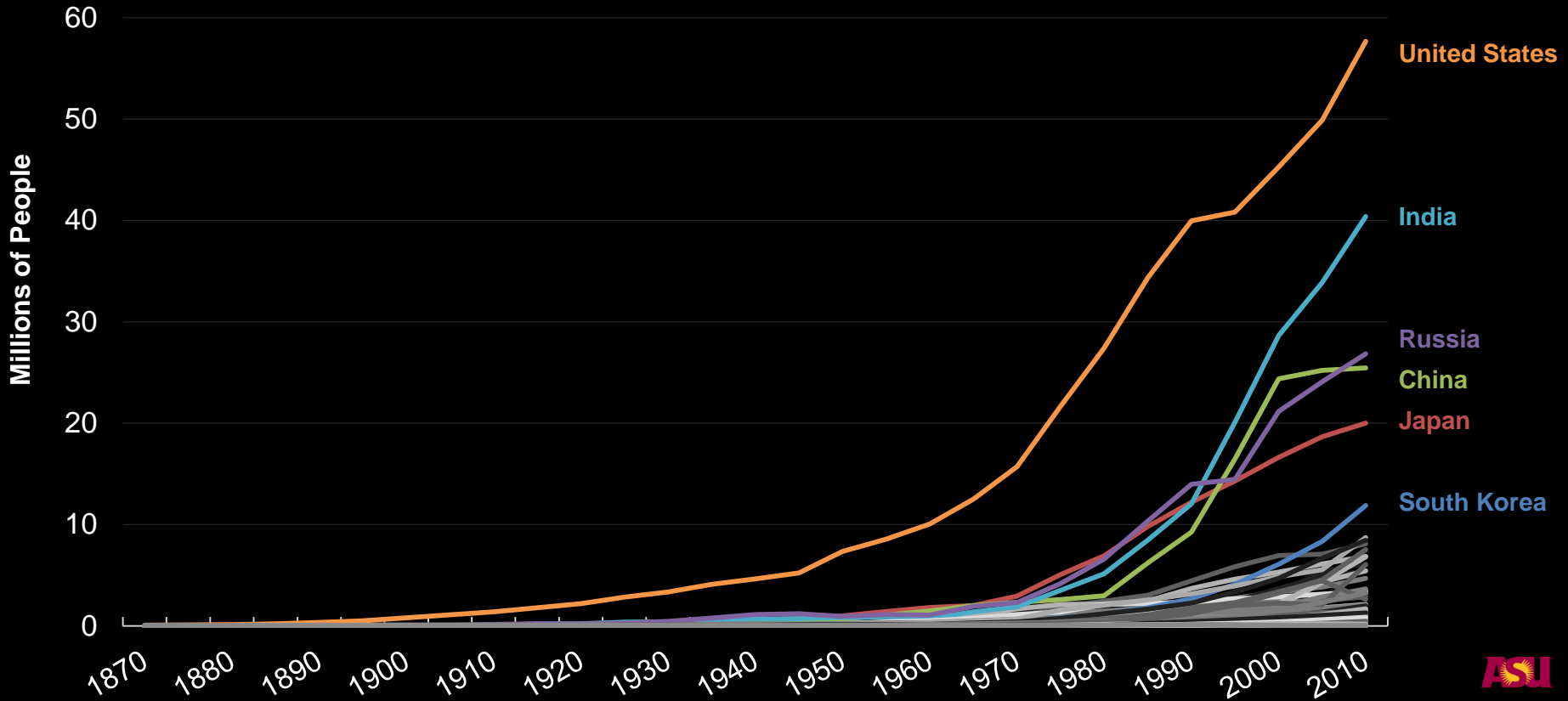
Gross World Product in Current Dollars, 1960-2014



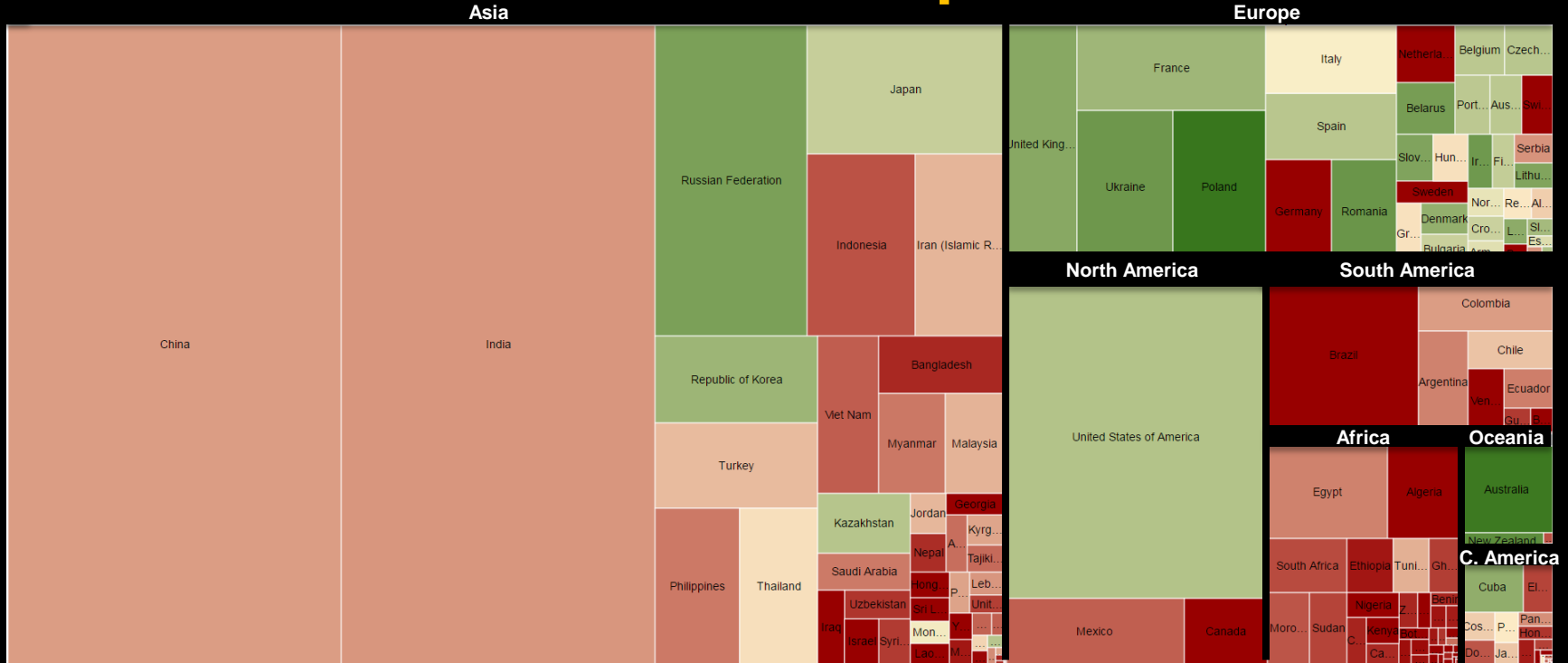
College Degree Attainment Rate of Working-Age Population by Country 1870-2010



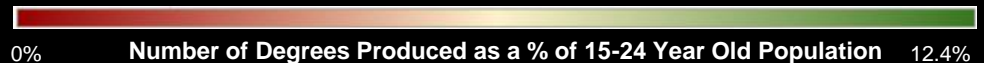
College Degree Holders in Working-Age Population by Country, 1870-2010



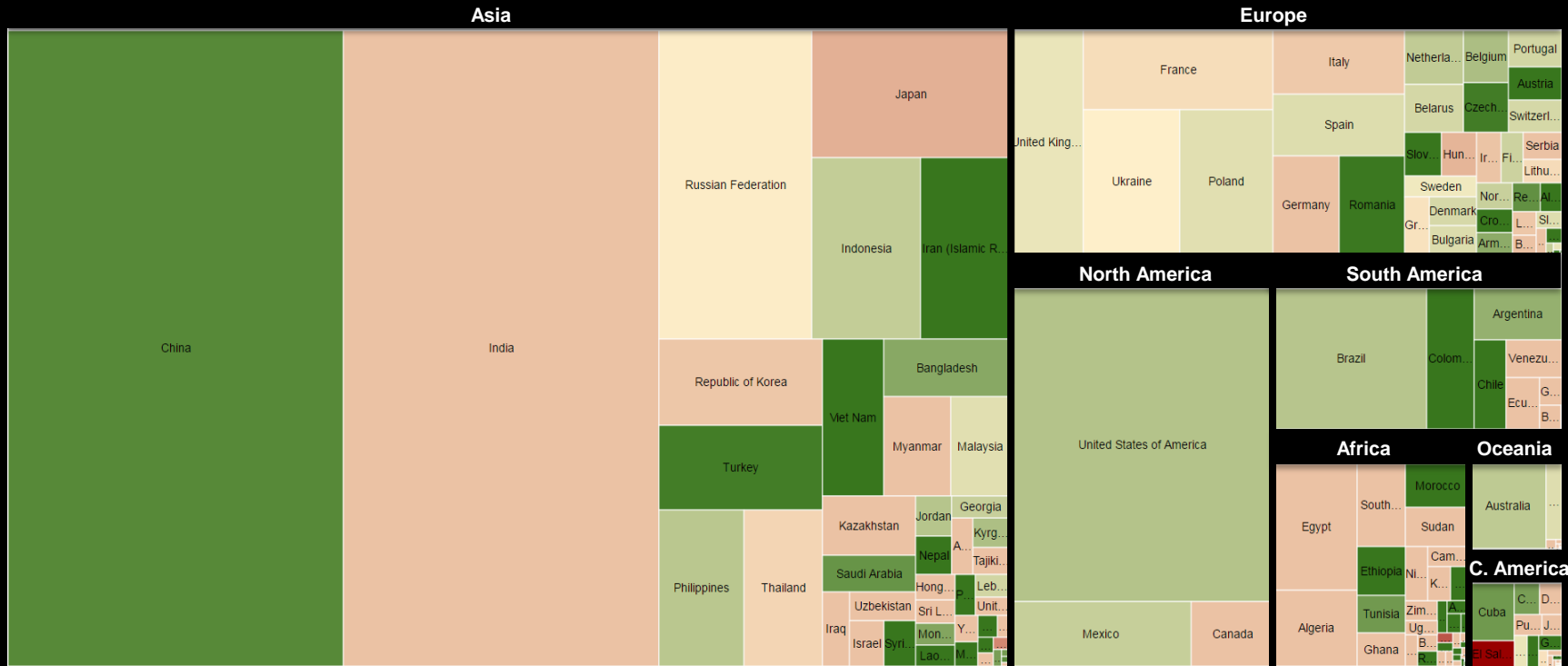
Global College Degree Production as a Percent of 15-24 Year Old Population



Global Degree Production Capacity: **43,533,446**



Global College Degree Production and Degree Production Growth



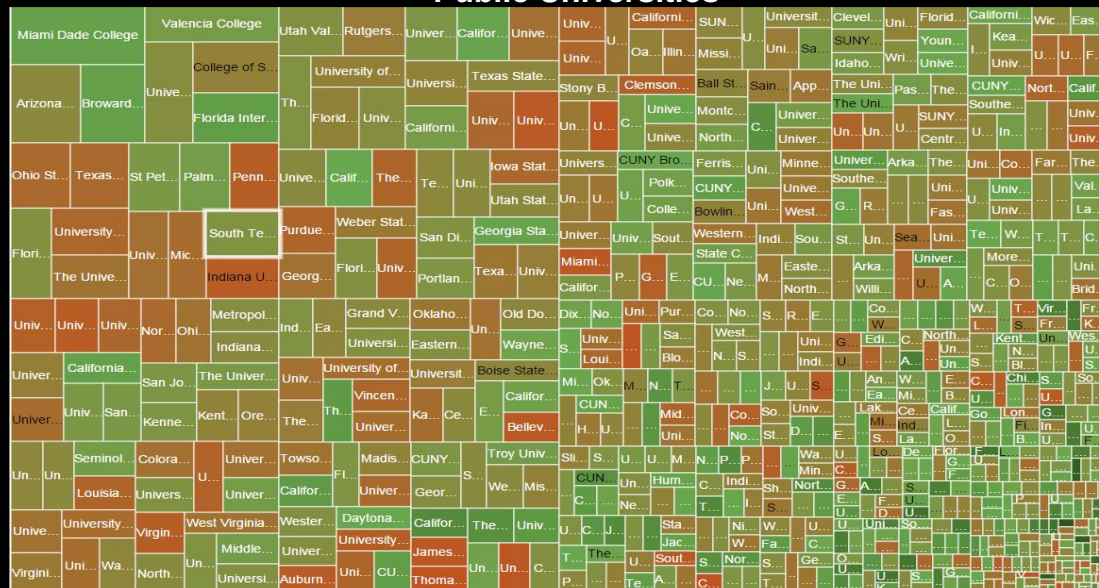
Global Degree Production Capacity: **43,533,446**



U.S. Undergraduate Enrollment by Sector, Institution and Pell Intensity

2014 undergraduate enrollment = **13,163,399**

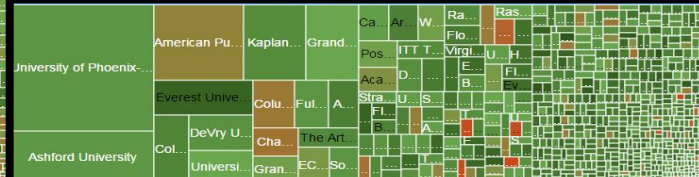
Public Universities



Private Universities



For-Profit Universities



0%

Percent of Undergraduates Receiving Pell Grants

100%



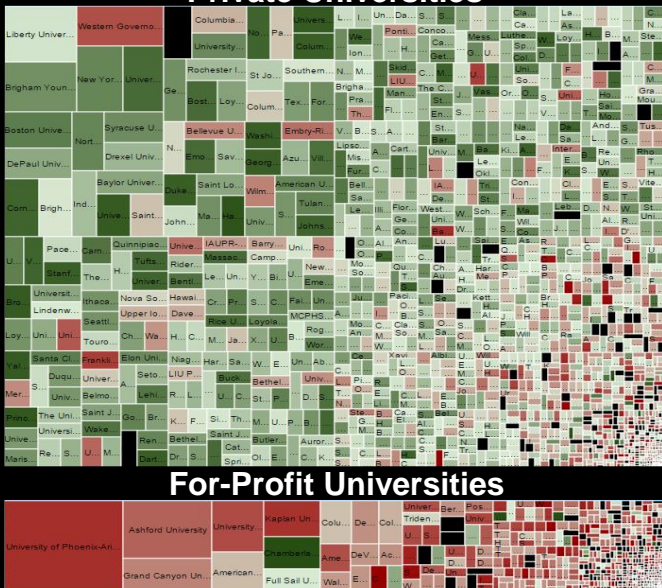
U.S. Bachelor's Degree Production by Sector, Institution and Graduation Rate

2014 bachelor's degree production = 1,892,741

Public Universities



Private Universities



For-Profit Universities



0%

Six Year Graduation Rate

100%



The Imperative of Innovation



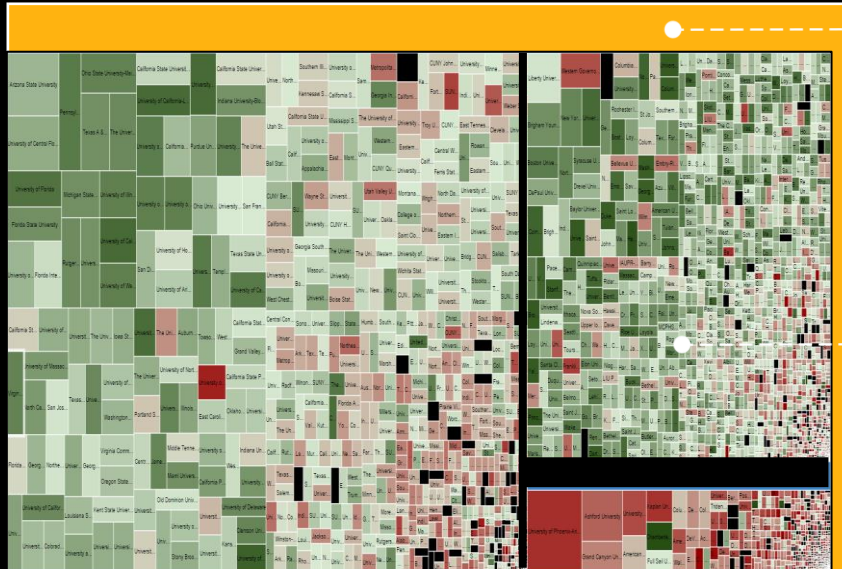
Current Degree Production

0%

Six Year Graduation Rate

100%

The Imperative of Innovation



National Degree Production Needed to Accommodate Population Growth

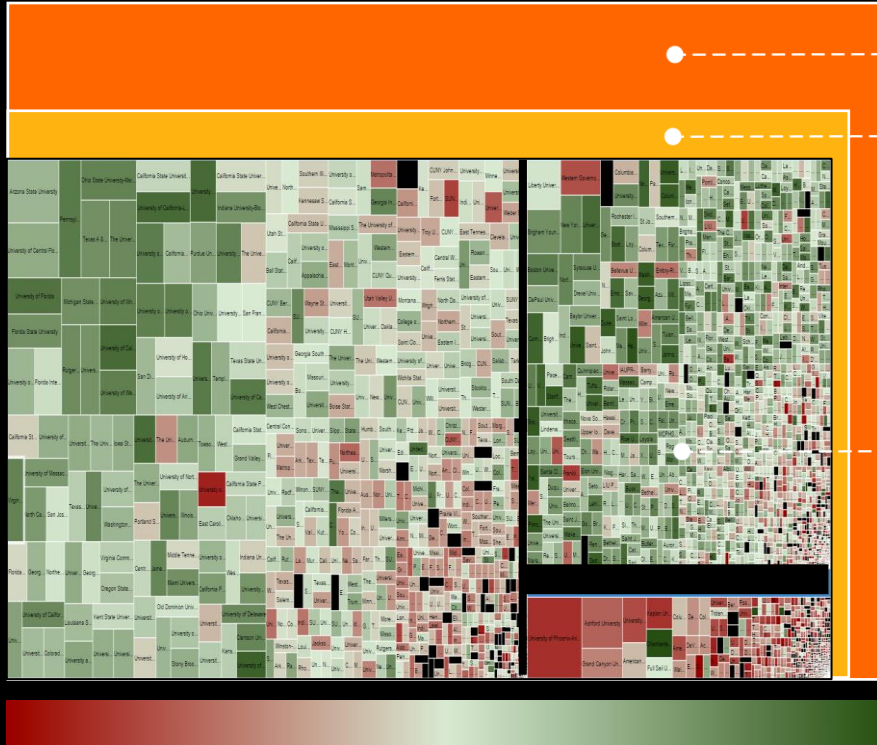
Current Degree Production

0%

Six Year Graduation Rate

100%

The Imperative of Innovation



2030 Production
Needed to Achieve
40% BA Attainment

National Degree
Production Needed to
Accommodate Population
Growth

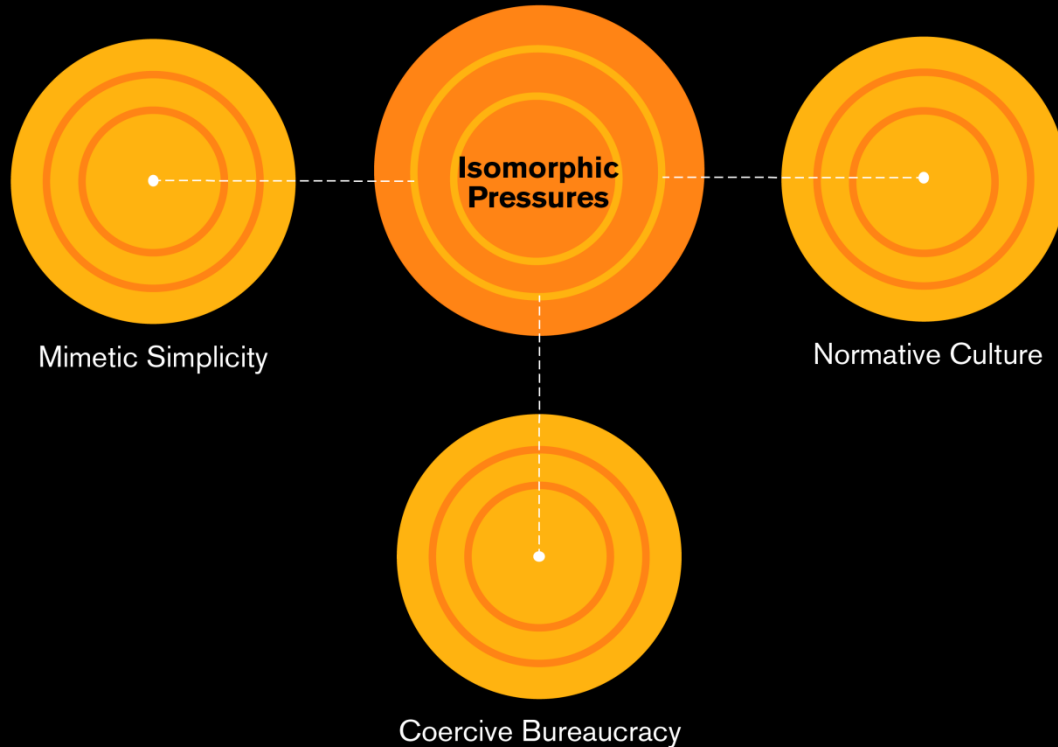
Current Degree
Production

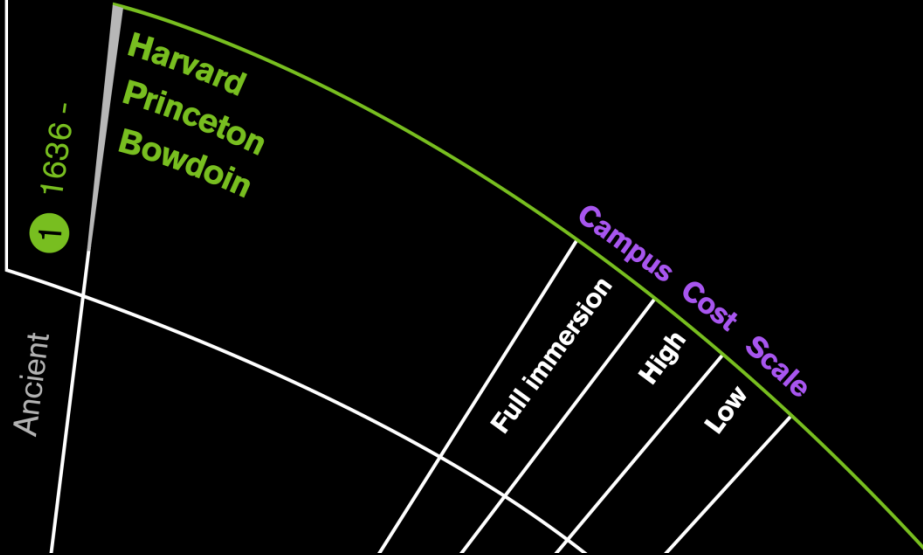
0%

Six Year Graduation Rate

100%

What is preventing new models?





② 1785 -

University of Georgia
University of Michigan
University of Virginia

Harvard
Princeton
Bowdoin

Campus Cost Scale

Full immersion

Medium

Medium-Low

Full immersion

High

1862 -

University of Wisconsin
Penn State
University of Illinois
University of California

University of Georgia
University of Michigan
University of Virginia

Harvard
Princeton
Bowdoin

Campus Cost Scale

Full immersion

Medium

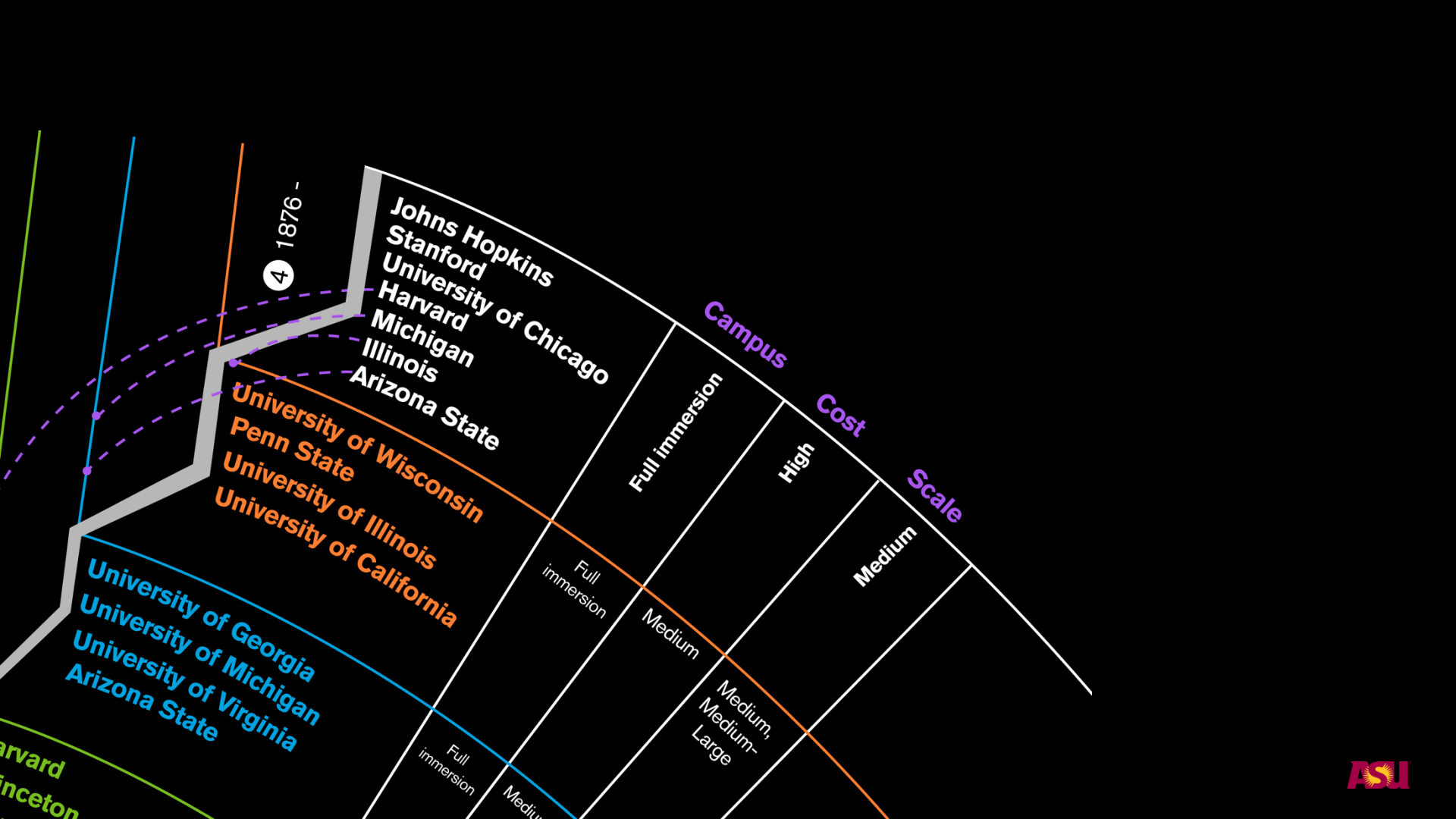
Medium,
Medium-Large

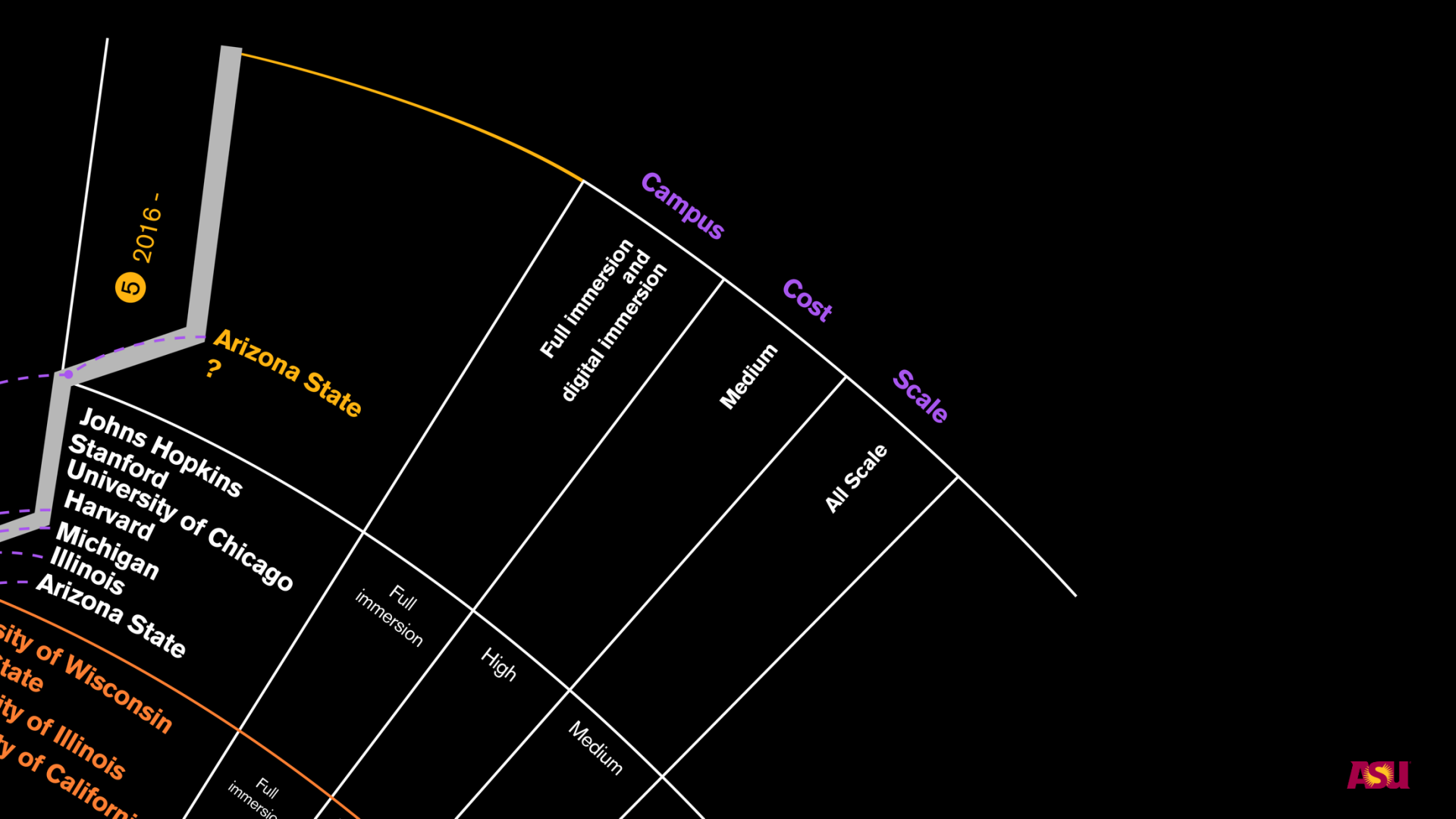
Full
immersion

Medium

Medium-
Low







Ancient

1636 -

1785 -

1862 -

1876 -

2016 -

1

2

3

4

5

Harvard
Princeton
Bowdoin

University of Georgia
University of Michigan
University of Virginia

University of Wisconsin
Penn State
University of Illinois
University of California

Johns Hopkins
Stanford
University of Chicago
Harvard
Michigan
Illinois

Modern Research University

Complex Adaptive University

Arizona State ?

Greek Academies

Public Greek Academies

Land Grants

Campus

Cost

Scale

Full immersion and digital immersion

Medium

All Scale

Full immersion

High

Medium

Full immersion

Medium

Medium, Medium-Large

Full immersion

Medium

Medium-Low

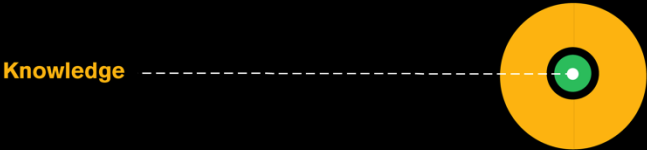
Full immersion

High

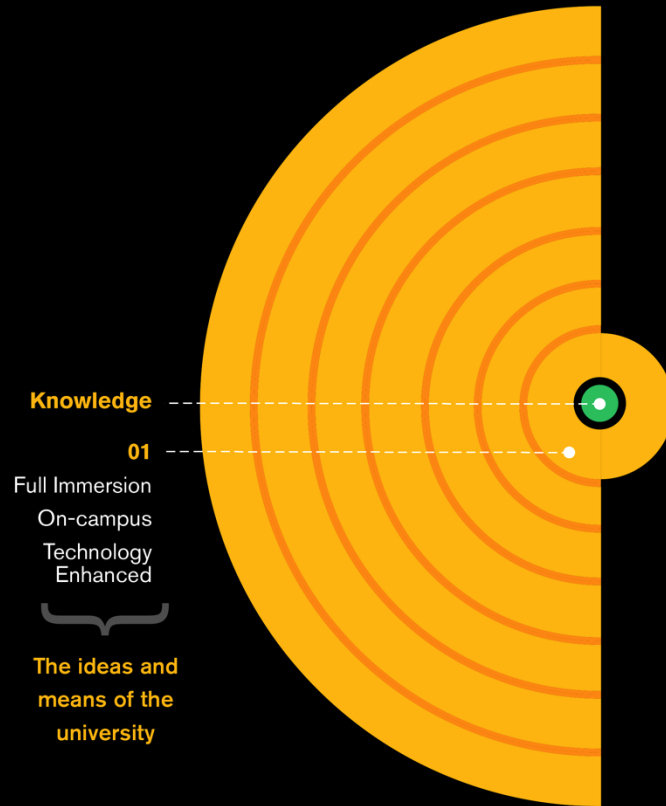
Low



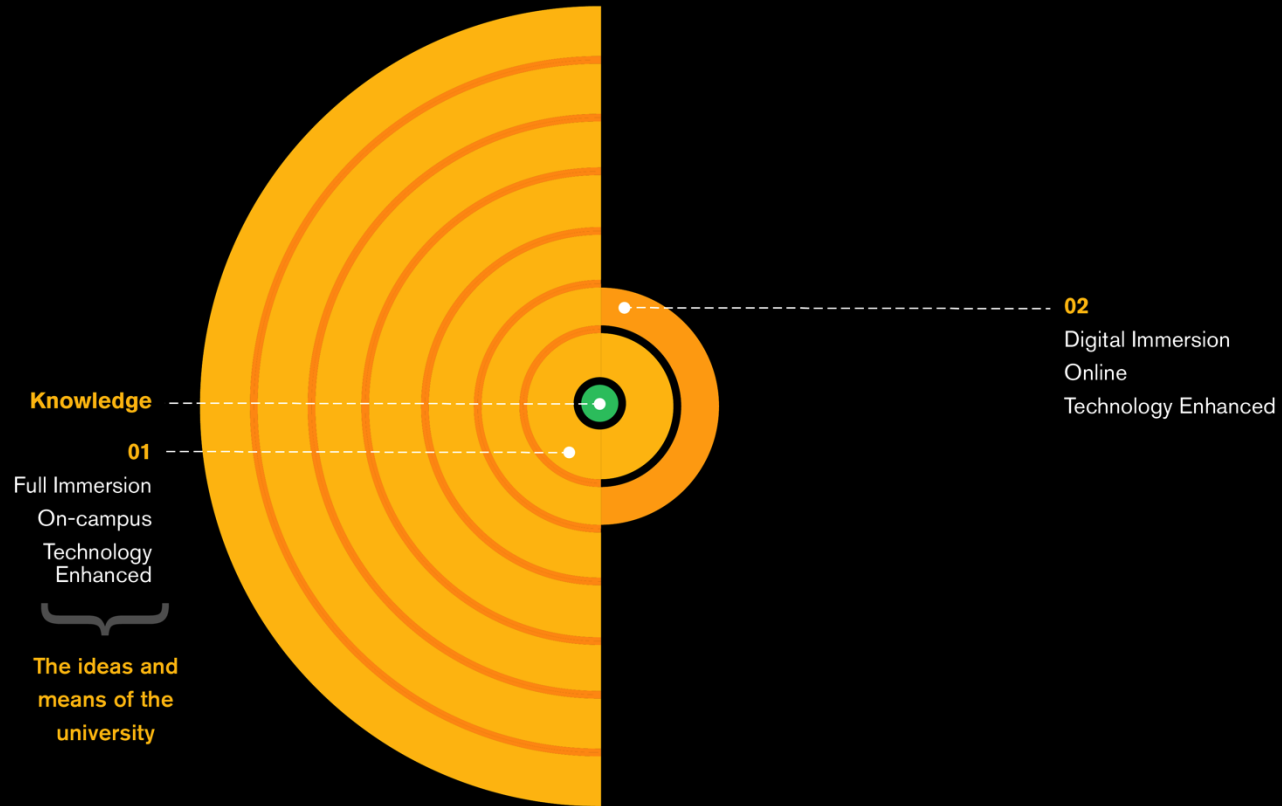
Teaching and Learning Realms for Wave 5



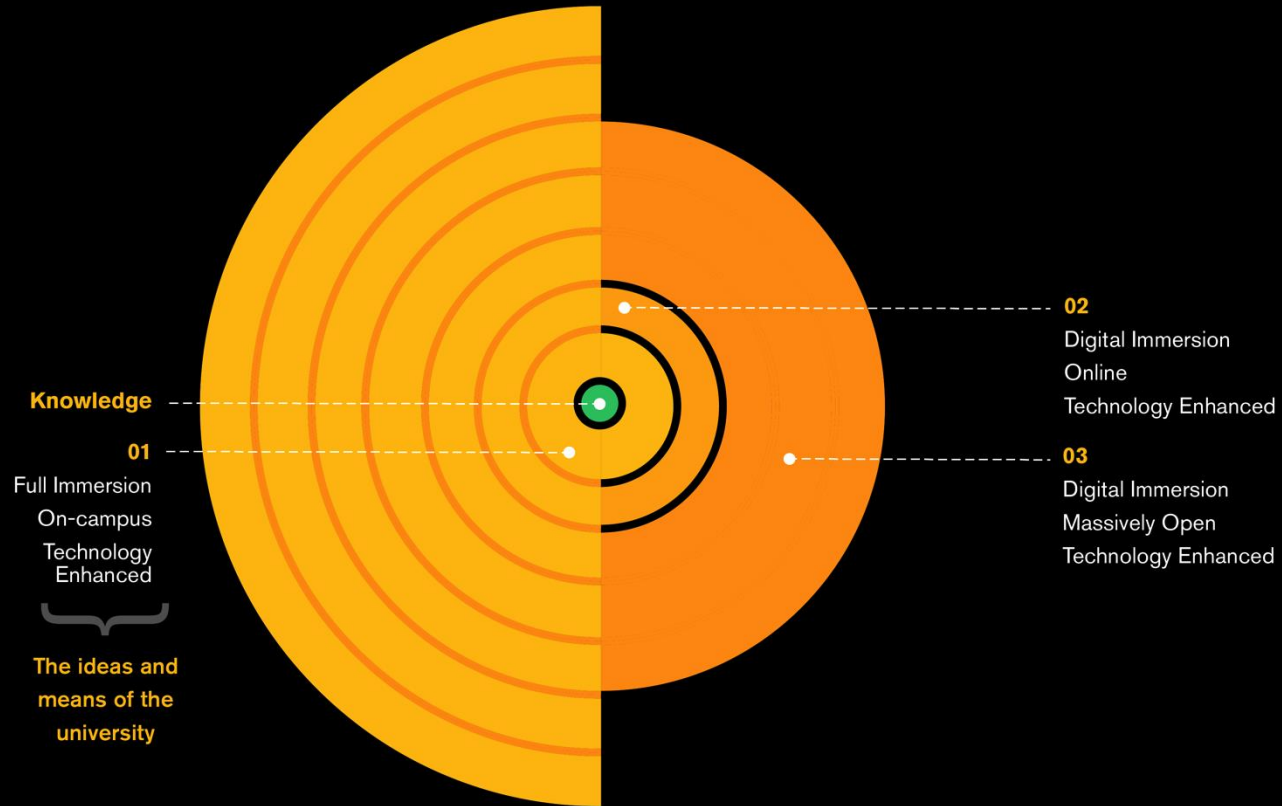
ASU Teaching and Learning Realms for Wave 5



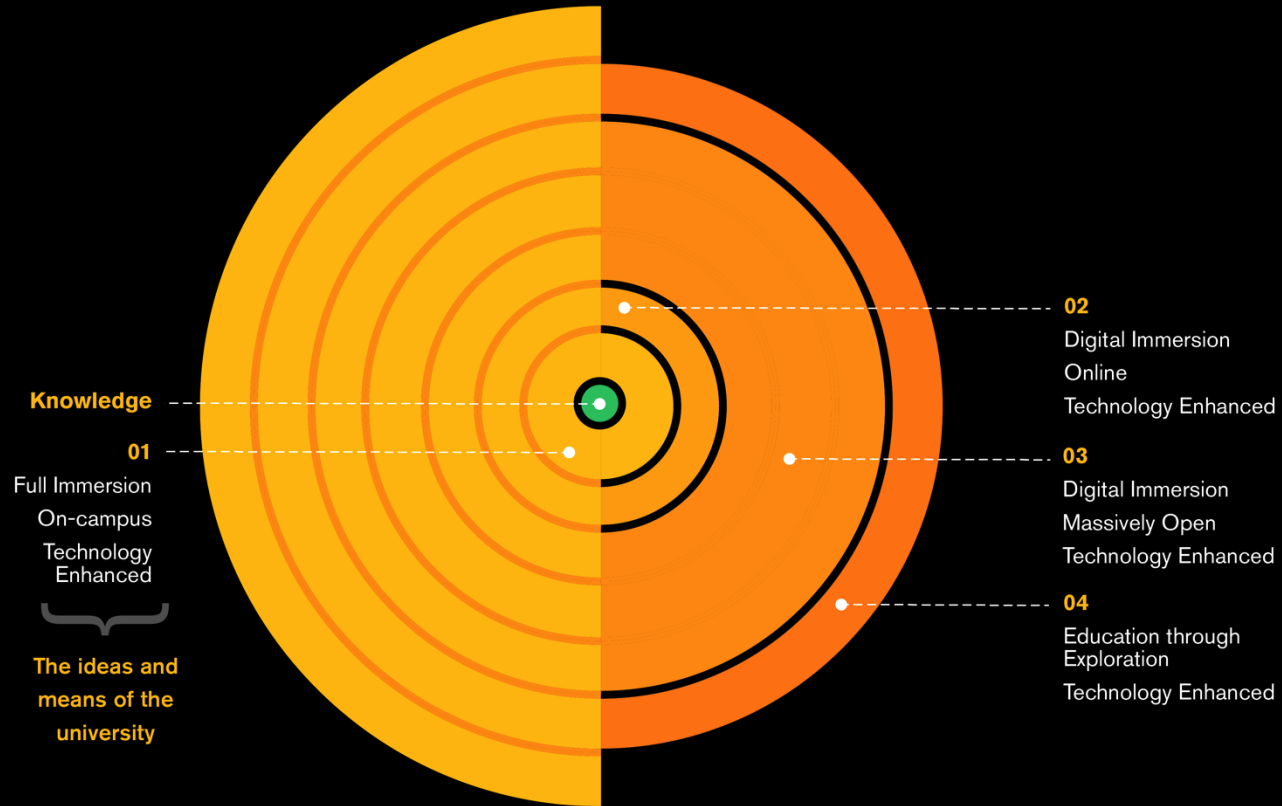
ASU Teaching and Learning Realms for Wave 5



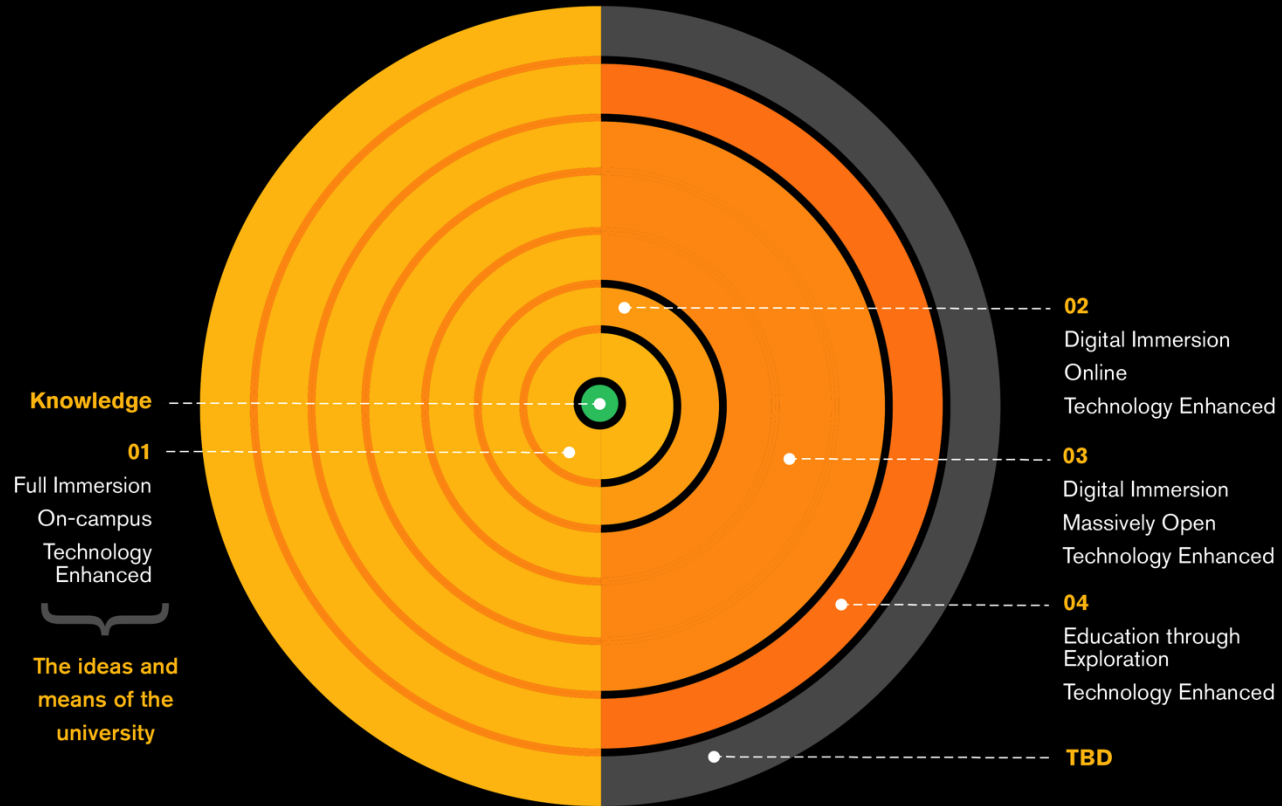
ASU Teaching and Learning Realms for Wave 5



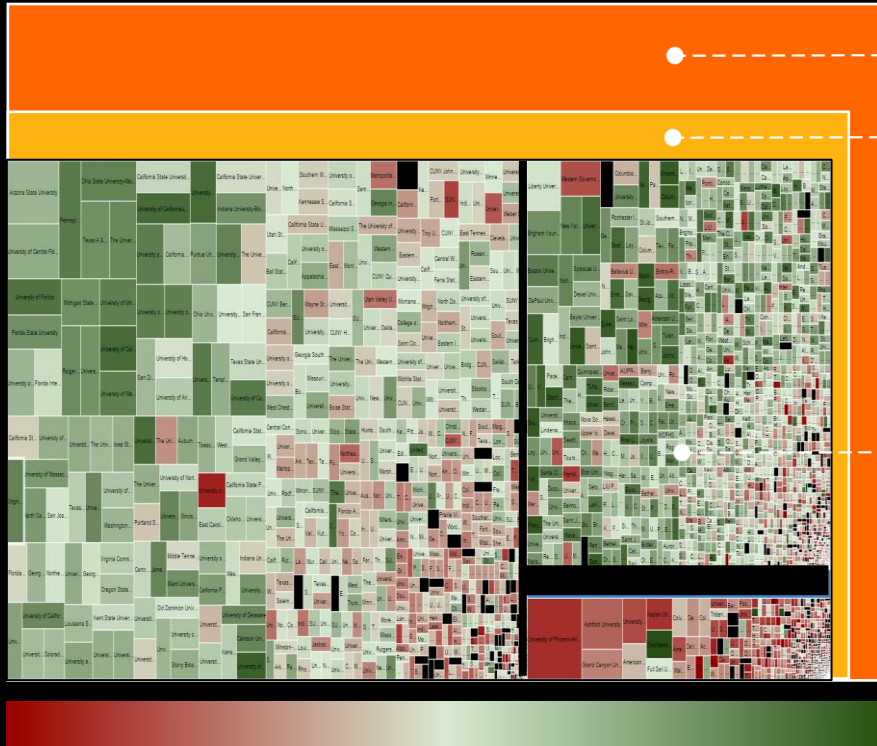
ASU Teaching and Learning Realms for Wave 5



ASU Teaching and Learning Realms for Wave 5



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UNIVERSITY