Millions Learning: Scaling up quality education in developing countries

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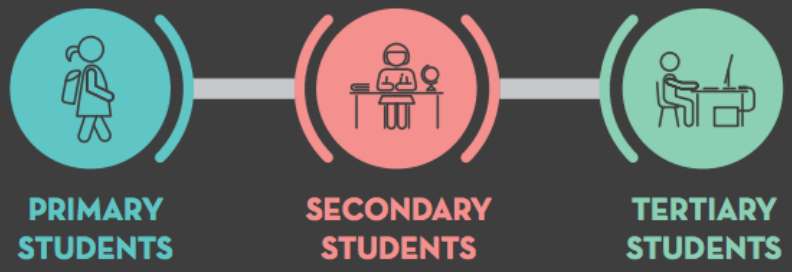
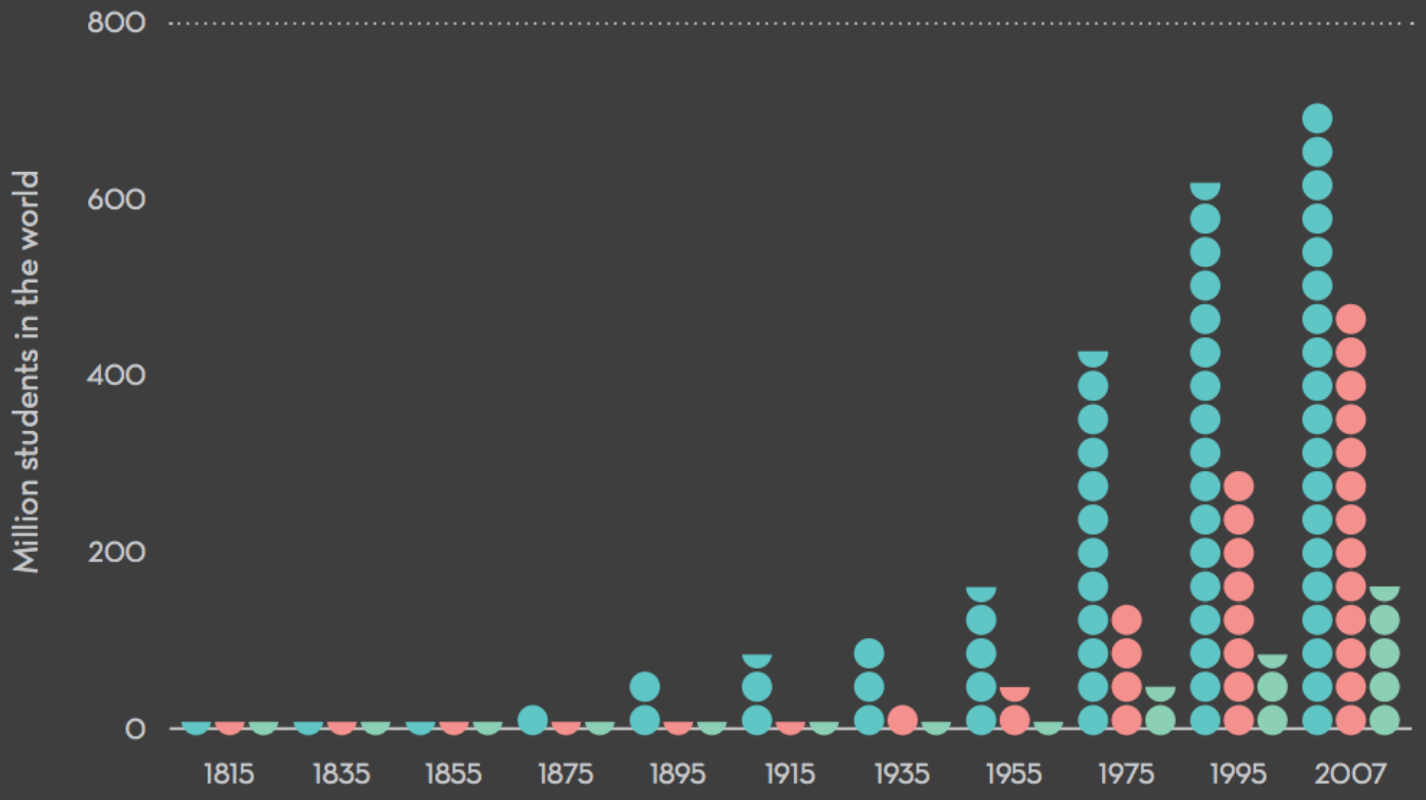
A scaling success story:

The rapid spread of schooling in the past 200 years

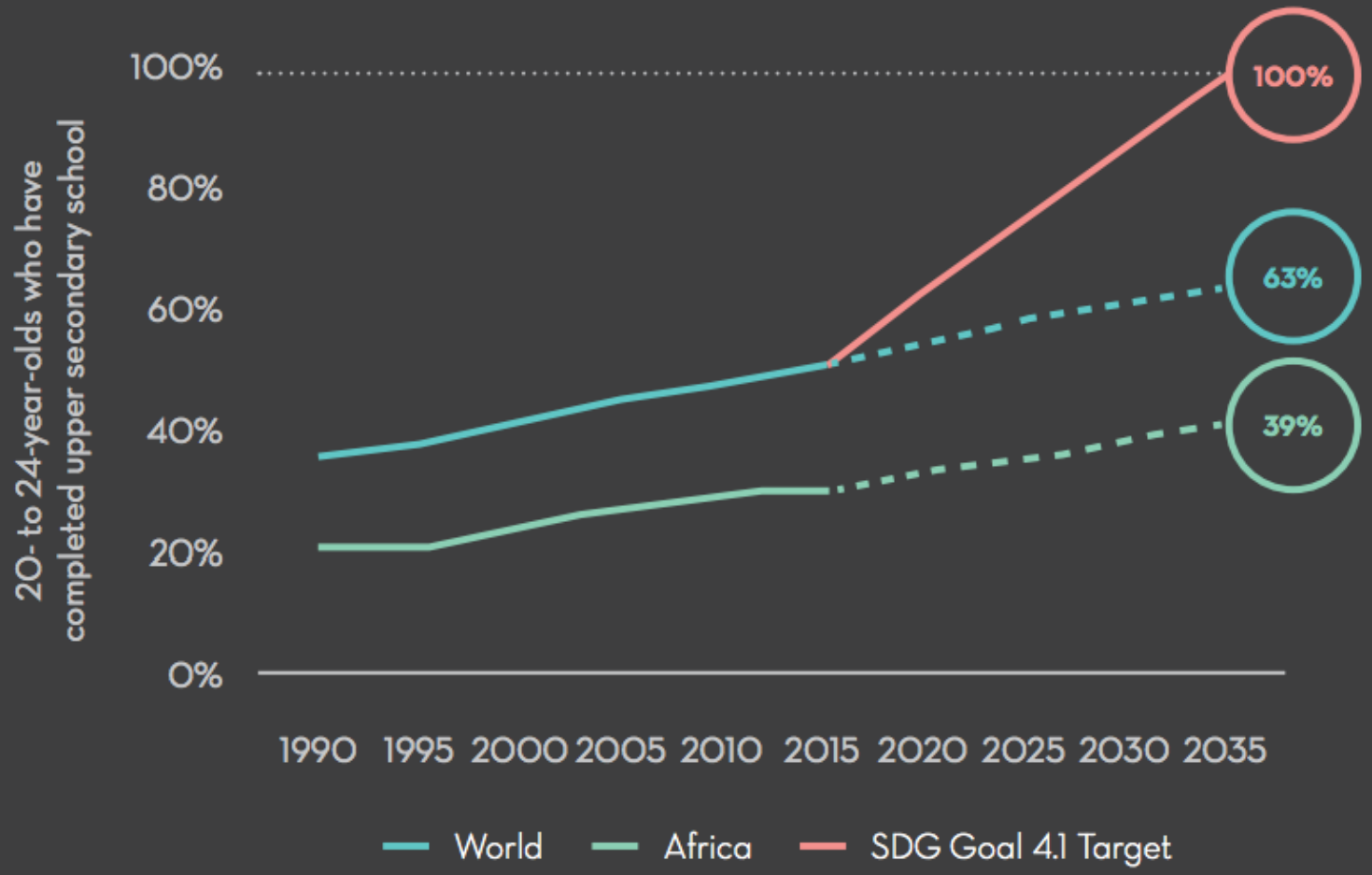




Source: Schofer (2005)

Reaching universal secondary education:

Projected gap

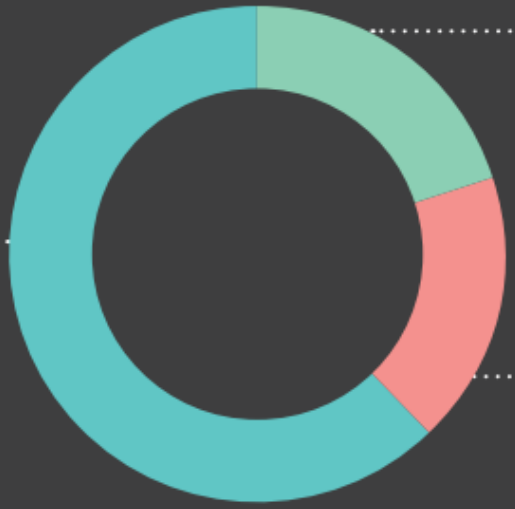


Source: Wittgenstein Centre for Demography and Global Human Capital (2015)

The learning crisis:

38% of children not learning basic literacy and numeracy

400 million
children complete four years of school and learn the basics.



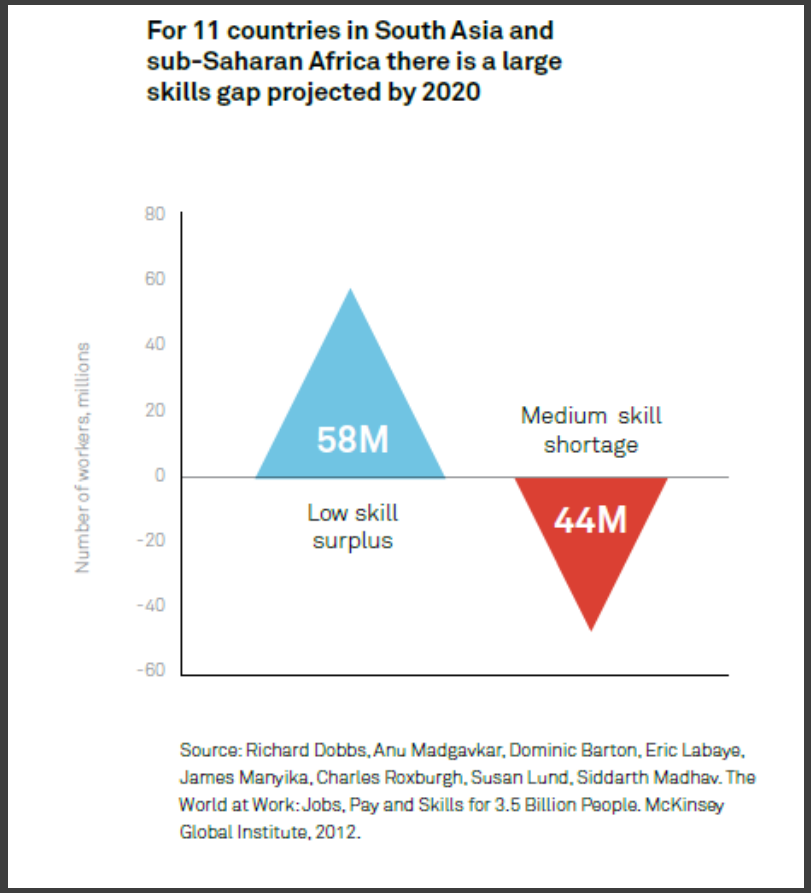
130 million
children complete four years of school without learning the basics.

120 million
children do not complete four years of school.

Source: EFA Global Monitoring Report (2013-14)

Global Trends Impacting Skills

- Economy
- Technology
- Global challenges



Delivering a Breadth of Skills

- 21st century education requires:
  - Skills must complement technology, world of work, and globalization
  - Continuum

Millions Learning Overview

- Identify where and how effective learning interventions across breadth of skills have scaled
- Distill from case studies and additional evidence key drivers
- Communicate findings with a particular focus on policymakers, practitioners, donors, and academics

Methodology

- Literature review of scaling in development
- Evaluations, reviews, assessment data
- Consultations and discussions
- In-depth case studies

Case study overview

WORLDREADER

69 countries, starting in Ghana

Literacy in primary and secondary school

Over 5.6 million people to date & 1.1 million people reading digital books per month

SISTEMA DE APRENDIZAJE TUTORIAL (SAT)

Brazil, Colombia, Ecuador, Honduras, Nicaragua

Alternative secondary school program

300,000 students to date

EDUCATE!

Rwanda, Uganda

Secondary education, Entrepreneurial development, Teacher training

120,000 students in 350 partner schools, or 12% of Ugandan secondary schools

SESAME WORKSHOP, SESAME STREET

More than 150 countries, starting in the United States

Early childhood development, Cognitive development, Early grade reading & mathematics

Approximately 156 million children

FUNDACIÓN ESCUELA NUEVA

16 countries, starting in Colombia

Alternative primary and lower secondary school program

Over 5 million students

AMAZONAS STATE GOVERNMENT'S MEDIA CENTER

Amazonas State, Brazil

Formal secondary school distance learning program

300,000 students, 2,200 tutoring teachers, & 60 lecturing teachers to date

LESSON STUDY, ZAMBIA

Zambia (all 10 provinces)

Teaching training in primary and secondary schools

1.8 million students & 46,000 teachers to date

TEACH FOR ALL

39 countries, starting in the United States and United Kingdom

Alternative pathways to teaching in early childhood, primary, and secondary schools

1.1 million students & 52,323 teachers and alumni to date

INJAZ, JORDAN

Jordan (all 12 governorates)

Financial literacy, Work readiness, Entrepreneurial development in secondary schools

1.2 million students & over 23,000 volunteers to date

ROOM TO READ, LITERACY PROGRAM

Bangladesh, Cambodia, India, Laos, Nepal, South Africa, Sri Lanka, Tanzania, Vietnam, Zambia

Early grade reading, Teacher training

110,000 students and 2,000 teachers (Literacy Program specifically) & 10 million students (Room to Read overall) to date

AFLATOUN INTERNATIONAL

116 countries, starting in India

Entrepreneurial development, Social and financial education in early childhood, primary, and secondary schools

Almost 4 million students & 34,000 teachers, facilitators, and peer educators each year

BRAC, NON-FORMAL PRIMARY EDUCATION

Afghanistan, Bangladesh, Pakistan, Philippines, South Sudan

Alternative primary school program

670,000 students in Bangladesh & over 900,000 students in other four NFPE countries each year

PRATHAM, READ INDIA

India (across 23 states)

Remedial education in primary schools

Over 350,000 students directly in rural areas from 2014-2015 & over 6 million students indirectly via state or district government partnerships

BRIDGE INTERNATIONAL ACADEMIES

Kenya, Nigeria, Uganda

Early childhood development, Primary (low-cost private school)

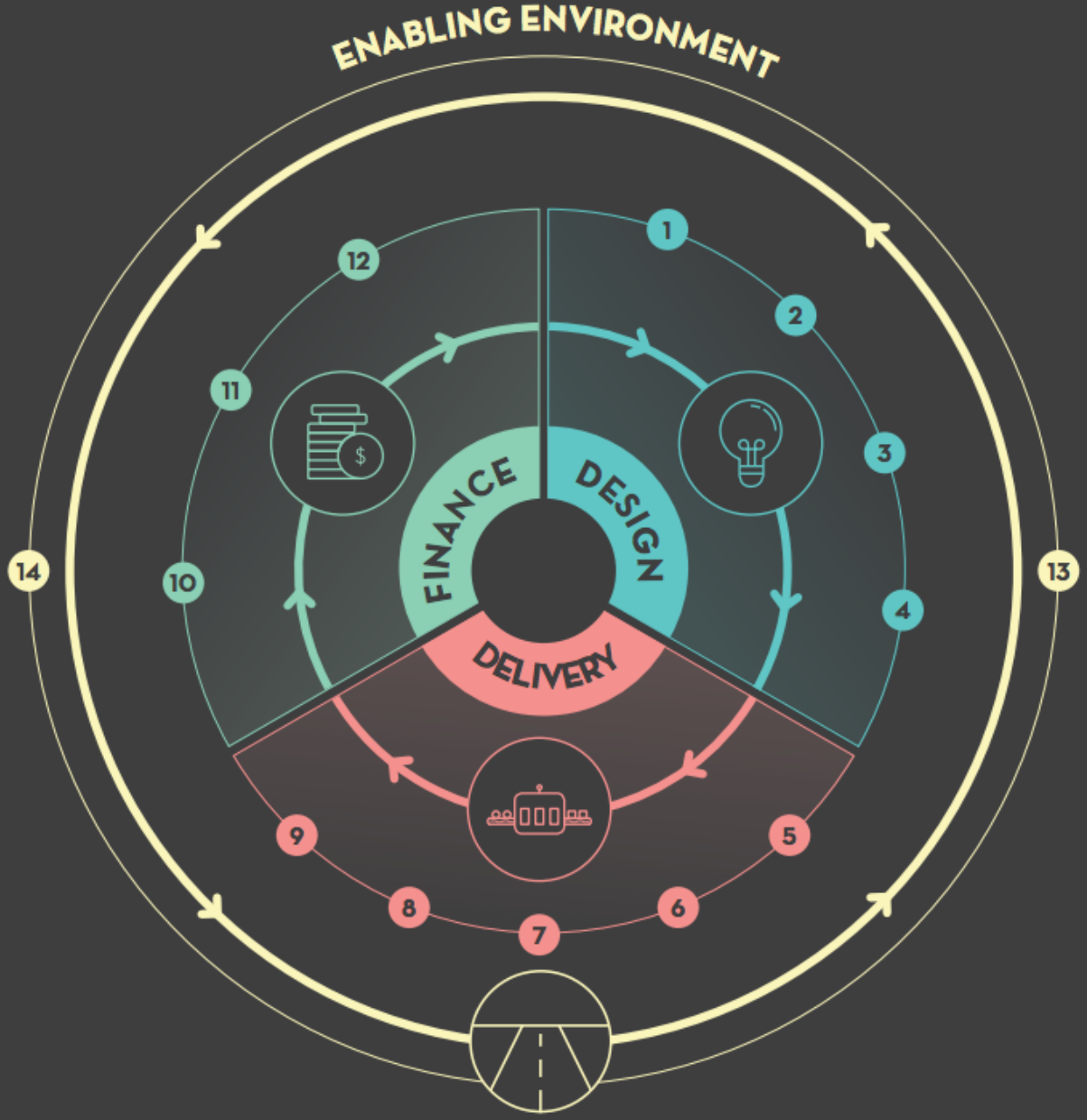
Over 100,000 students & 8,000 teachers to date

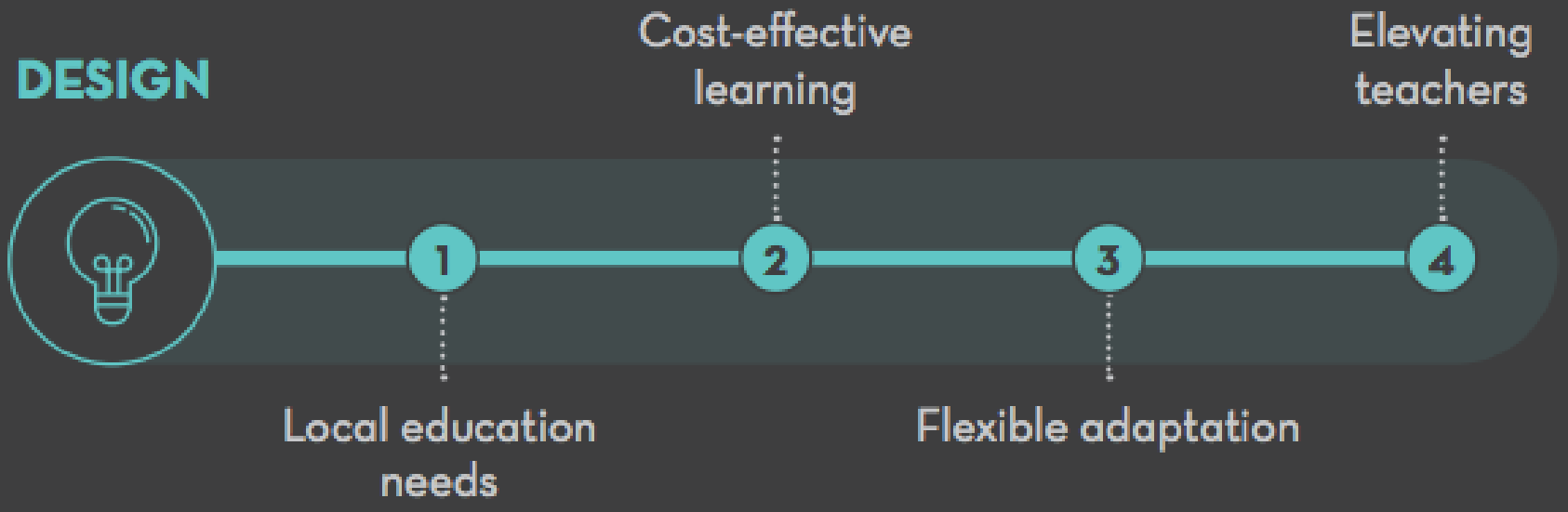
Pathways to scale

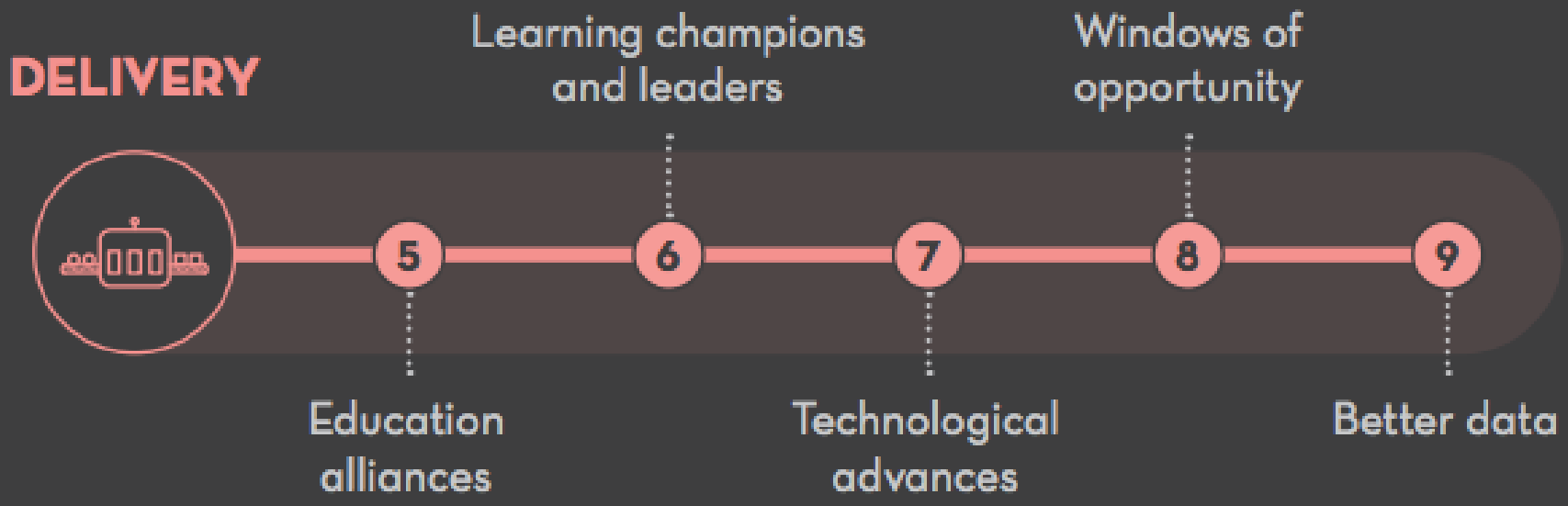
BROOKINGS

Scaling learning:

14 core ingredients




DESIGN
Cost-effective learning
Elevating teachers
1
2
3
4
Local education needs
Flexible adaptation


DELIVERY
Learning champions and leaders
Windows of opportunity
5
6
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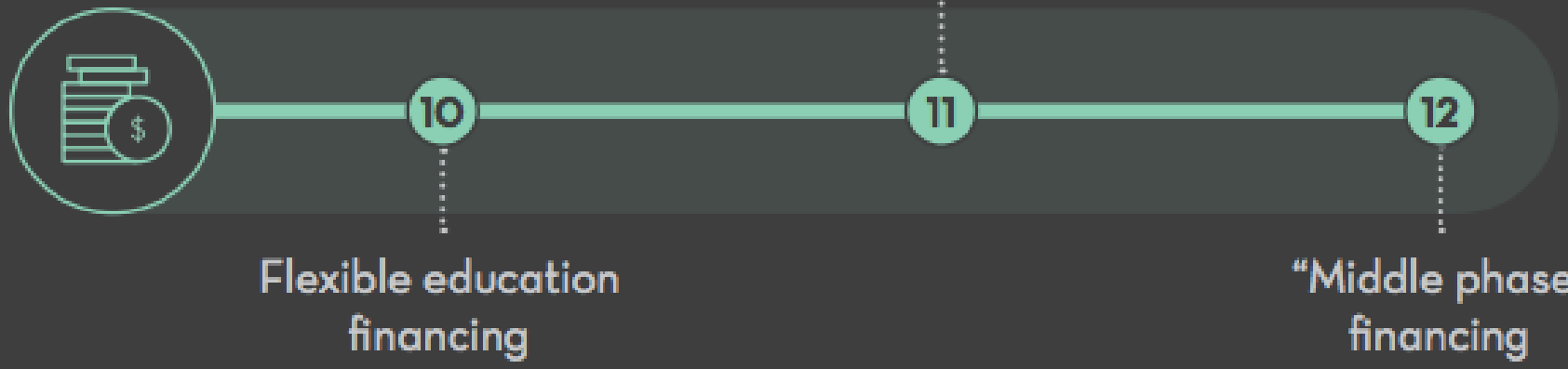
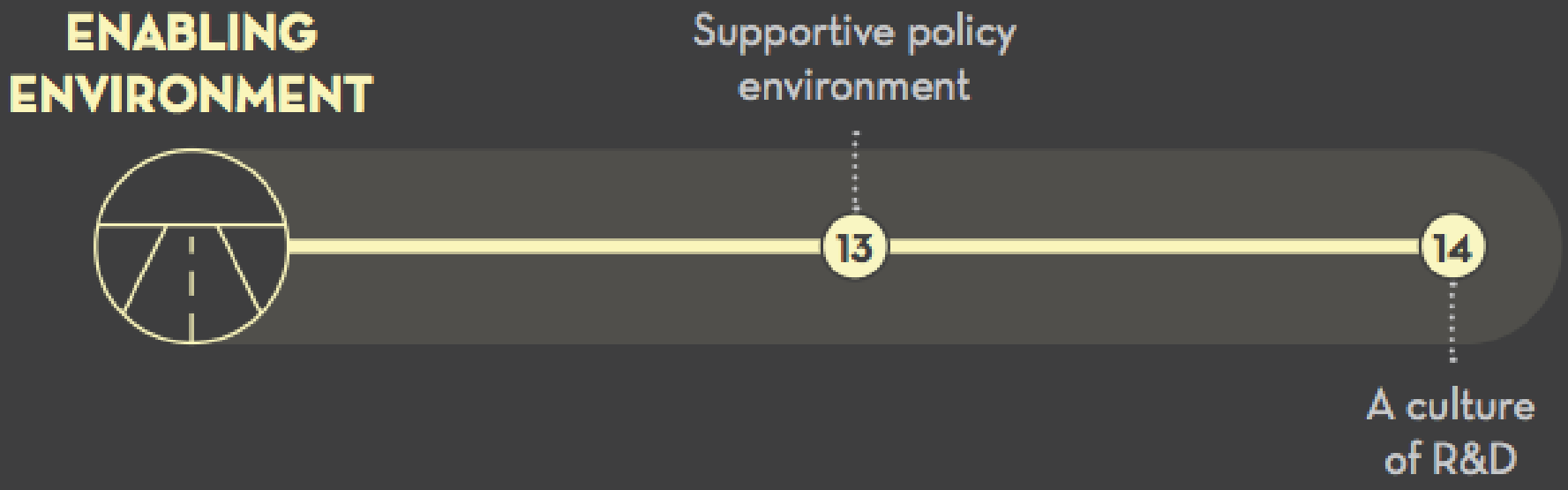
Education alliances
Technological advances
Better data

FINANCE


Long-term education financing
10
11
12
Flexible education financing
"Middle phase" financing


ENABLING ENVIRONMENT
Supportive policy environment
13
14
A culture of R&D

Millions Learning recommendations

We need inclusive and adaptive education ecosystems that:

DEVELOP

A CULTURE OF R&D IN EDUCATION

SHARE

NEW IDEAS THROUGH A NETWORK OF IDEA HUBS

ACTIVATE

TALENT AND EXPERTISE OUTSIDE THE CLASSROOM

FUND

THE MIDDLE PHASE

MEASURE AND LEARN

WHAT WORKS THROUGH BETTER LEARNING AND SCALING DATA

Learn More:

- To visit our interactive report: www.brookings.edu/millionslearningreport
- To visit our project webpage: www.brookings.edu/about/centers/universal-education/millions-learning
- To join the conversation: Tweet using #MillionsLearning