

C-Lab Kickoff Summary Report

March 2020



LEARNING  ECONOMY



COLORADO
Governor's Office of
Information Technology



COLORADO
Department of
Higher Education



The C-Lab aims to provide the whole state of Colorado with an aligned but decentralized ecosystem for collaborative innovation, investigation, and experimentation around the future of education and employment.

The following summary, along with a *2020 Action Guide* (forthcoming), acts as a shared community roadmap and alignment framework for reference and harmonization across a growing community of stakeholders (yourself included). The following summary is a synthesis of community feedback gathered at/after the C-Lab Kickoff event held *January 30, 2020* in Denver, CO. We hope the C-Lab kickoff, this Summary and coming Action Guide, and aligned work to come in 2020, helps to position Colorado as a national leader in next-generation state infrastructure.

If you have questions, concerns, or aligned opportunities to share, please email Taylor Kendal: taylor@learningeconomy.io or Spencer Ellis: spencer.ellis@dhe.state.co.us.



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Collaboration Leads

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2020 Q1-Q2 Objectives

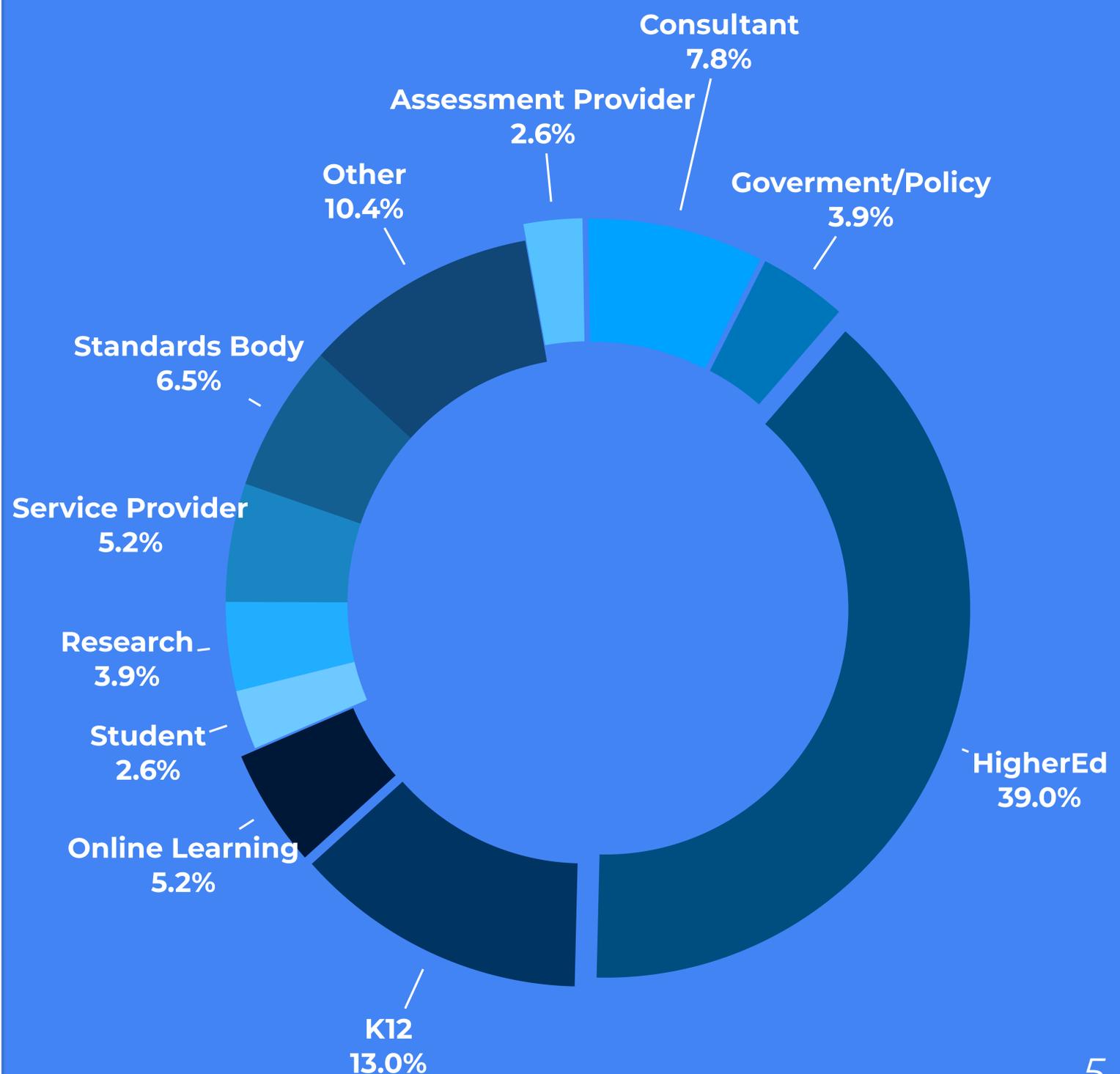
- Identify and align a statewide Colorado consortium of workgroups and pilots.
- Collectively shape and define C-Lab's core governing principles.
- Support the advancement of the IEEE recommended practices for learner, worker, and military records.
- Establish a Colorado Education 3.0 Pilot Network and MVP Architecture.
- Establish a student centered education and advocacy network focused on equity, access, and end-user needs.

Stakeholders: Quantitative

By the Numbers

- Over **120** in attendance and **80** registered as committed stakeholders.
- **87%** of those who registered indicated interest in joining one or more C-Lab pilot workgroup.
- **28%** of those who registered indicated current involvement in a relevant/related pilot.
- **95%** of those registered indicated interest in learning more and/or participating in a pilot directly.

Identity Distribution



Stakeholders: Qualitative

Encouragement & Excitement

“Extremely exciting! Please let me know how I can be involved and keep me updated on C-lab progress.”

“Wow! I would love to get involved with this and help find ways to advance this program.”

“When CO is ready to include PK-12 education, please consider Aurora Public Schools!”

“Thanks so much for including us. Terrific event. It's wonderful to see the imperfectly swirling notions I've been trying to formalize reified into a couple of slides.”



Constructive Feedback

“The biggest gap I see so far is the problem of learning transfer. Passing some assessment as evidence of skills does NOT equate to being able to apply these skills in a work setting. I'm concerned that these pilots will hit a roadblock at that point.”

“Learners and students were stated as some of the most important and relevant stakeholders at the event, yet did not have a full voice. Suggest intentionally incorporating these perspectives in the work moving forward.”

“Diversification of perspectives and representation of multiple groups should be a priority in future conversations/work groups.”

“The messaging should include intentional crosswalks from the perspectives of the industries represented: tech to education, higher ed. to K12, and so on.”

“Embrace the expertise of the fantastic audience you gathered, lean on them for opinions, suggestions and guidance in framing this work!”



Proposed Workgroups

*Workgroup 1: **Digital Credentialing***

*Workgroup 2: **Trust Infrastructure***

*Workgroup 3: **User/Learner Experiences***

*Workgroup 4: **Credential Distribution***

*Workgroup 5: **Outreach & Awareness***

*Workgroup 6: **Investigation & Analysis***

*Workgroup 7: **Equity & Inclusion***

*Workgroup 8: **Fundraising***

Stakeholder Expectations

As part of the C-Lab Kickoff, the community was presented with, and asked to review, the **Education 3.0 - Internet of Education Guiding Principles**. Since the Kickoff, we've had over 80 registered consortium members sign up and pledge to invest time, energy, and/or resources, and for that, we **thank you!** As part of the coming *Action Guide*, we will ask registered stakeholders to commit one point-person to participate in bi-monthly calls for their chosen pilot workgroup(s). Members will, however, be encouraged to join and contribute to any/all workgroups they find relevant. Participation and commitments for each workgroup will be co-defined with support from C-Lab core facilitators.

Interested in joining or providing feedback? You can still [Register Here](#).

Stakeholder List

Arapahoe Community College
Arizona State University
Aurora Public Schools
Badgr
Brookings Institute
BurstIQ
CAEL
Cambridge Assessment Inc.
Colorado Community College System
Colorado Department of Labor & Employment
Colorado School of Mines
Colorado State University-Pueblo
Colorado Workforce Development Council
Concentric Sky
Couragion
Credential Engine
Credly, Inc.
Cryptorado
CU Boulder
CU Pharmacy
Deloitte Consulting
Denver Crypto Group
Denver Education Attainment Network
Denver Language School
Denver Public Schools
Dock Network
ECHO Colorado
Edspex.org
Education Commission of the States
Education Design Lab
EdVentures Group
Emerging Tech Growth Consultant
Emily Griffith Technical College
EP3 Foundation
Evernym
Foothill-De Anza Community College District
Global Blockchain Summit
HR Open Standards
iLearn Collaborative
JFR Holdings Corp/Eon247/Blockchain Media
Learning Machine
Metropolitan State University of Denver
Moonlight / COZ
National Student Clearinghouse
Norwich University
Opolis
Peak to Peak Charter School
PlayMakerIQ
Public Consulting Group
Regis University
Resources Aligned
Rocky Mountain College of Art and Design
Salesforce
Skillful / Markle
ThinkWyn
Trendlines
Trendlines
UCCS
Colorado Community Colleges
University of Colorado
University of Colorado Boulder
University of Colorado Denver
University of Denver
US Chamber of Commerce Foundation
Western Colorado University
Whiteboard Advisors
WICHE + WCET

2021 and Beyond

The shared vision of Learning Economy, CDHE, OIT, W/A, and many collaborating organizations and stakeholders is to support and accelerate existing initiatives (e.g. My Colorado Journey) and launch a sustainable, next-generation Learning GPS ecosystem in Colorado; one that prioritizes agency, equity, and economic mobility for all.

The C-Lab Consortium begins this work in 2020 by building community, gathering stakeholder feedback (most critically that of students), and piloting a Digital Wallet for degrees and credentials. Broward OpenCLR Lab (FL), the Trusted Learner Network (AZ), along with an evolving network of related projects globally, will help to further this work in 2020 with complementary explorations of *Identity & Trust Networks*, *MVP Skill Libraries*, and localized implementations of *Learning GPS Infrastructures*.

In 2021, we envision a Skills Library connecting the ecosystem to a broader data and content set, allowing a range of learning management systems and credential registries to aggregate into a curated, decentralized library. In 2021 and 2022, as the ecosystem scales and sufficient data is made available across the state, we can imagine an optimized, personalized *Learning and Career GPS* which helps learners effectively navigate the complex education to employment landscape and achieve their unique dreams and goals. In 2022-2023, with optimized learning impact data and quantifiable skills being treated as valued assets, we can begin to imagine and build the Internet of Education; a state-wide ecosystem where knowledge and skills become as valuable and fluidly transferrable as currency.

Affiliate Glossary

Brighthive - Supporting ongoing work on multi-agency state data trust.

Colorado Evaluation & Action Lab (Colorado Lab) - Strategic research agency.

CO Dept. of Higher Education (CDHE) - Lead state agency education partner.

CO Governor's Office of Information Technology (OIT) - Lead state agency IT partner.

Credential Engine - CO state partner with a mission to create credential transparency, reveal the credential marketplace, increase credential literacy, and empower everyone to make more informed decisions about credentials and their value.

Education 3.0 Research Network (Ed 3.0) - An open community committed to collaboration, open standards, open-source software, and distributed ledger technology (includes key concept glossary).

IEEE - One of the world's largest technical professional organization for the advancement of technology and credentialing standards supporter and publisher.

Internet of Education (IoE) - The blue-sky vision encompassing this work. Much like IoT (the Internet of Things), we envision a decentralized but unified IoE.

Learning Economy Foundation - Lead partner and steward of the Internet of Education.

myColorado - myColorado is Colorado's official mobile app, providing residents with secure and convenient access to state services anytime, anywhere.

My Colorado Journey - a groundbreaking statewide platform that connects individuals to work, education and support services exploration and action planning.