Education is a mountain.
Everyone takes a different path to the top. Learning Economy is an infrastructure layer protocol that records education, online and in classrooms, into blockchain Learning Ledgers, then maps them to Microdiplomas that quantify soft and hard skills with artificial intelligence, to help us measure which courses lead to skills, workplace advancement, and impact.

The Result—
Real-time feedback on human capital investment and an economy that pays students to learn and pays stewards who add value to the global institution of education.

For the first time ever, investment in education and human capital doesn’t have to be an assumption.
We provide real-time feedback on which units of learning are producing skills and workplace advancement, and which are not, so governments, employers, and other institutions investing in human capital can optimize their investments for the skills their citizens and workplaces actually need.
Problem

Effectively investing in human capital is incredibly difficult. The little data available to benchmark investments, is outdated and incomplete. Many times, the feedback on investment in education is 10 to 20 years out, as students graduate and move into the workforce, and there are no mechanisms in place to provide impactful feedback to investors.

Effectively hiring employees in the marketplace is arduous at best, relying on resumes and degrees that say nothing of a person’s skills. Without a way to quantify someone’s integrity, leadership, or ability to collaborate, and without clear proof of someone’s technical skills, hiring is guesswork, expensive, and wasteful.

Solution

We use distributed ledger technology to store individual units of education, online and in classrooms, onto a blockchain Learning Ledger. Each of those individual units of learning like videos, homework, documents, or books, are saved along with the supply chain of stewards who helped (teachers, schools, researchers, curriculum, governments, tech providers, etc.).

We then quantify soft and hard skills using new smart contracts called Microdiplomas, that map around existing accreditation. Hard skills are determined by tests and soft skills with gaming technology.

We also follow students into the workplace with Microdiplomas that track workplace accomplishments like getting hired, raises and promotions, and social impact like publishing, volunteering, etc.

Learning Economy back propagates the Learning Ledger with AI to produce Learn Fuel—a clean actionable data set to power a modern generation of human capital investment, research, AI, skills assessment, hiring, and personalized learning. Learn Fuel can be accessed from enterprise dashboards to query skills data in real time to more effectively benchmark investment in education to solve the skills gap.

We do not create content or teach classes ourselves, but rather act as an infrastructure layer for existing schools, institutions, e-learning, and accreditation.

Learning Economy is a utility infrastructure for modern education that comes around and augments existing education systems, and brings the skill and gig economies into the fold with the traditional degree economy.
Benefits

Schools can— for the first time— quantify which teachers and units of learning are actually producing skills and workplace advancement, and which are not, allowing them to prove impact to donors and increase funding, while also holding teachers accountable to great education.

Governments, Institutions, NGOs, and Banks can benchmark their investments in human capital and education, allowing them to invest in teachers and courses that actually lead to the skills their citizens need. Learn Fuel, made available on enterprise dashboards, allows for a comprehensive view of the skills that schools are creating, the students have, and the workplace needs, clearly identifying skills gaps in real time. This allows each investment in education to be wise, thoughtful, and effective, by copying, pasting, and scaling the education producing skills the workforce needs, and removing wasteful investment in unneeded education.

The Workplace and Fortune 500 can employ private Learning Ledgers, allowing them to upscale and train their employees in an incentivized autonomous way, to award them as they learn. Employers also benefit from quality skills data that helps them more effectively hire, assess, promote, and plan.

Hiring and Assessment Applications use Learn Fuel to effectively match employers with employees, by ranking talent geographically based on soft and hard skills, and matching student profiles with jobs and employers that need their skills the most.

Teachers use the Learn Fuel data set to adapt their class plans for impact and to personalize their course work for individual students, based on each student’s unique learning style.

The Workplace and Fortune 500 can employ private Learning Ledgers, allowing them to upscale and train their employees in an incentivized autonomous way, to award them as they learn.

Students benefit the most, since Learning Economy employs a model in which students own their data and are awarded for it in kind with capital. Imagine refugees who can learn new languages as a means for exiting a refugee camp, or an elderly couple learning new skills to supplement an out of date education. Imagine someone laid off to the tide of automation earning a living as they learn a new relevant skill, so they can get a better job and rise in agency.

Imagine a child from an underprivileged neighbourhood who doesn’t have to drop out of high school to get a job for their family, but instead can get paid to learn and help their family become prosperous.

And then, imagine someone without traditional access to education learning a skill online, proving their skills are ranked high on the global Learning Ledger, and then getting great job offers simply because they had the tenacity to educate themselves.

The benefits to students in this new Learning Economy cannot be overstated.

“...The result is a global society that has the power to become successful and prosperous through the simple act of learning...."
An AI protocol to solve the skills gap.
www.learningeconomy.io