



At the edge of digital innovation

eGov Conference 2024

Smart Governance with GovTech

Enhancing Citizen Experience and Engagement

08th April 2024

www.sil.mu



Digital Repository Platform for Academic Certificates

Education Sector



Agenda



Overview

SIL EduTech Vision

SIL Presence in the Education Sector

Pain Points and Challenges

Objective and Concept

Aim and Benefits

Integrations

Digital Repository Platform and Blockchain

Value Proposition



- For over a decade SIL has been implementing projects in the Education Sector
- Our Clients and Partners:





We have been transforming many institutions through our vision in digitalizing organizations in the Education Sector.

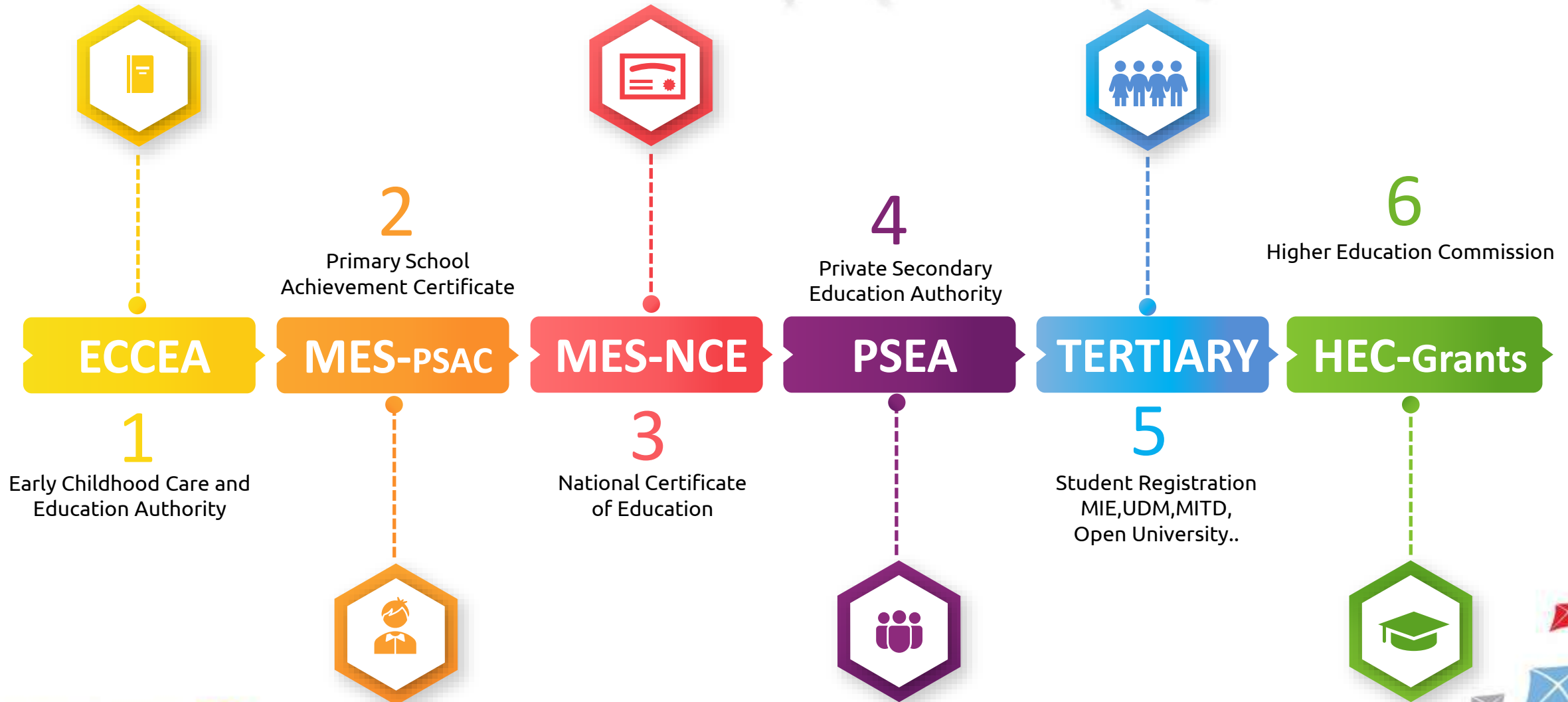


SIL marks a silent presence across the lifetime of each student as from Early Childhood Education up to Tertiary Education.



From managing student registration, online application and grants to helping organizations delivering services in the education sector and digitalizing their internal HR, Finance and Procurement activities, SIL contributes in the Digital progress of the Education Sector.

SIL Presence in the Education Sector



Pain Points and Challenges



Currently, all sectors are immersed in the digital transformation process, and education is no exception.

One common pain point identified during our implementations:

- **Organizations requesting for a digital platform to upload and authenticate certificates of students/individuals**
- **During each milestone, students must enroll again**

As of date, we do not have a centralized platform in Mauritius that will allow Organizations to either upload or authenticate certificates and other important documents online

Thereby the importance to have a digital platform that will allow easy accessibility, security, and convenience to access certificates anywhere and anytime.

The Concept



To have a centralized platform that will allow institutions to upload and authenticate certificates and documents



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בניין המשפט
רחוב המלך ג'ורג' הראשון
10000 ירושלים

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Online Repository Platform



To offer academic institutions a round-the-clock online repository for storing and showcasing their academic awards.



This digital platform should not only facilitate convenient access to and retrieval of academic achievements but also verifies and safeguards their authenticity during storage.



Aims at 'Digital Empowerment' of students by providing access to authentic digital documents to citizen's digital document wallet.



Storing academic awards in an electronic repository would offer advantages to:

- Educational institutions, students, employers or any other registered organization.
- It enables online access to academic awards, eliminating the necessity for individuals to visit educational institutions for transcript or certificate verification.











Additionally, it combats fraudulent activities like award forgery by facilitating online verification

- Inclusion of blockchain makes it impossible to forge certificates
- This ensures the authenticity, integrity, and confidentiality of the awards.

Benefits for Students



-  Immediate availability of academic awards upon upload by Academic Institution
-  Online, permanent record of academic awards
-  No risk of losing, spoiling, damaging the academic awards
-  Anytime, anywhere and convenient access to academic awards
-  Important Documents Anytime, Anywhere!
-  Authentic Documents, Legally at Par with Originals
-  Digital Document Exchange with the consent of the student.
-  Faster service Delivery- Government Benefits, Employment, Financial Inclusion, Educational admission, Health.



Benefits for Academic Institutions



All academic awards verification needs can be addressed through the platform;



Efficient, effective and transparent administration



Reduced Administrative Overhead: Aimed at the concept of paperless governance. It reduces the administrative overhead by minimizing the use of paper and curtailing the verification process.



Digital Transformation: Provides trusted issued documents..



Secure Document Gateway: Acts as a secure document exchange platform like payment gateway between trusted issuer and trusted Requester/Verifier with the consent of the Students.



Real Time Verification: Provides a verification module to verify data directly from issuers after obtaining user consent.

Benefits for Verification Users

02
Online, quick and reliable verification of academic awards (with prior consent of the student concerned)



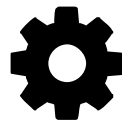
04
No risk of fake and forged Certificates.



01
Registered Verification Users
(Employer, Companies, Banks,
Universities, PSC, etc.)



03
Access to authenticated copy of
academic awards



05
Reduction in cost, time and
efforts for verification



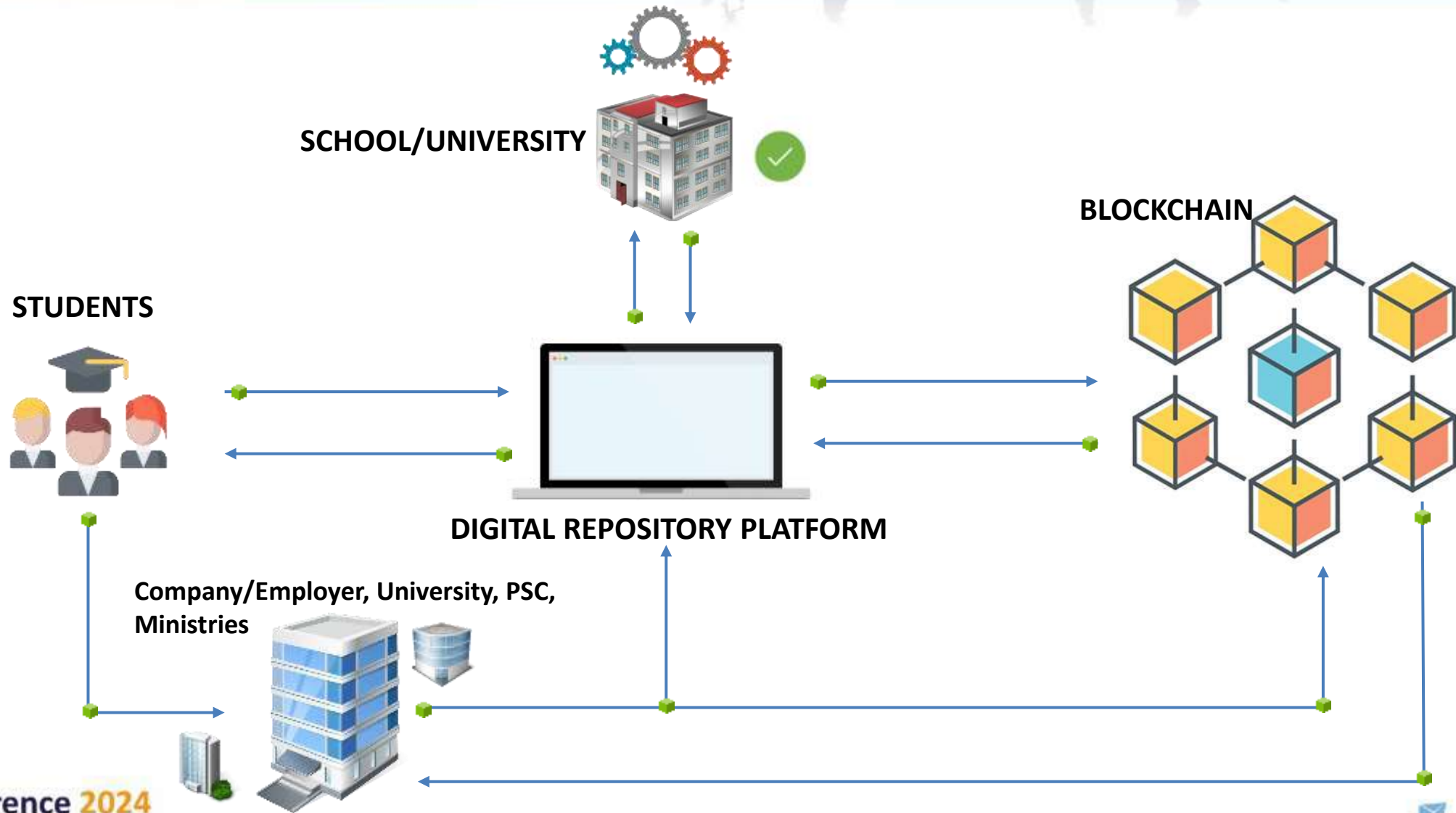
Ministry of Social Security and PSC

- Request monthly submission of documents from educational institutions to be able to approve grant schemes
- Such a platform can also be used to upload important documents required by other agencies/ministries:

Allow on time submission and retrieval of such data to proceed with payment



Digital Repository Platform and Blockchain



Our Value Proposition



30+ years experience



Challenges, yes we have



Building a strong skilled workforce



From 25 to 150+ employees



IP and assets such as TaMIS Suite, Student Management and Workload Plan, etc

We stand ready as partners to assist organizations in the Education Sector, among others, pursue their Digital Transformation.



Thank You

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