



A4L AU Community Day

NZ Education Sector Update

30 Nov 2017

SIF Adoption



The April 2017 Meeting of the Education Sector Design Authority accepted the following recommendations:

1. That the NZ Education sector becomes a [member of A4L](#).
2. That [SIF is adopted as the default standard for interoperability](#) for future educational interoperability projects in the NZ Education sector, incorporating the SIF Global Infrastructure and a SIF Data Model specification based closely on the Australian SIF model.
3. That the Ministry create an [MOU with National Standards Interoperability Programme \(NSIP\)](#) to clarify expectations on how and the Australian and NZ education sectors will work together to progress interoperability standards in the interests of both sectors.
4. That the NZ Education sector establishes a [governance](#) process and cross-agency governance body to develop and maintain interoperability standards in response to sector project needs.

NZ Projects



The NZ Ministry of Education is developing data standards for

- Education Counts – Schools Directory
- Student Information Sharing Initiative (SISI)

In addition the MoE Data Transformation project has several initiatives designed to improve information management, including formalising the governance of data standards.

EDUCATION COUNTS



EDUCATION COUNTS

Know Your Region

Communities Of Learning

Find A School

Early Learning Services

Topics

Publications

Statistics

Data Services

SEARCH Whole Site ▾ Q

KEY PAGES

- Directories (includes Schools Directory) ▶
- Communities of Learning | Kāhui Ako ▶
- Public Achievement Information (PAI) ▶
- Education Sector Indicators ▶
- Latest Publications ▶
- Data Collections ▶
- BES (What Works Evidence) ▶

PISA 2015 SCIENCE RESULTS

- ▶ New Zealand went from 18th to 12th.
- ▶ 15-year-old students perform equally well on all aspects of science: living systems, physical systems, and earth and space systems.
- ▶ From 2012 to 2015, there has been no change in the proportion of students who were “top performers” or who scored low.

PISA 2015 SCIENCE RANKING

SINGAPORE	556	
NEW ZEALAND	513	
AUSTRALIA	509	
OECD AVERAGE	493	

300 350 400 450 500 550

PISA 2015 Science Results
◀ ▶ ||

KNOW YOUR REGION

An online tool where you can find education data for different regions or territorial authority. Using this tool you can access data on student population, student engagement and student achievement.

COMMUNITIES OF LEARNING

An online tool where you can search for a particular Community of Learning | Kāhui Ako and find its profile, including contact details, as well as data on the student population, student engagement, and student achievement.

FIND A SCHOOL

An online tool where you can search for a particular school in New Zealand and find its profile, including contact details. You can also access student population, student engagement and student achievement data for the school.

FIND AN EARLY LEARNING SERVICE

An online tool where you can search for a particular early learning service/centre in New Zealand and find its profile, including contact details.

TOPICS

Topics are compilations of information around a specific theme. Themes may combine Education Sector Indicators, research and evaluation, and statistical information.

PUBLICATIONS

Provides you access to research publications and publications with a data or quantitative information focus.

STATISTICS

DATA SERVICES

FOLLOW US ON TWITTER

Education Counts

- School Directory API



- Requirement to provide school directory details via web service to supplement other formats (csv, spreadsheet)
- Based on SIF SchoolInfo object
- How to provide for Early Childhood and Tertiary Institutions?
 - Future APIs required for EC and Tertiary
 - SISI project requires transactions spanning EC, compulsory and tertiary
- Delivery expected in early 2018
- Opportunity to launch first NZ delivery of SIF messages

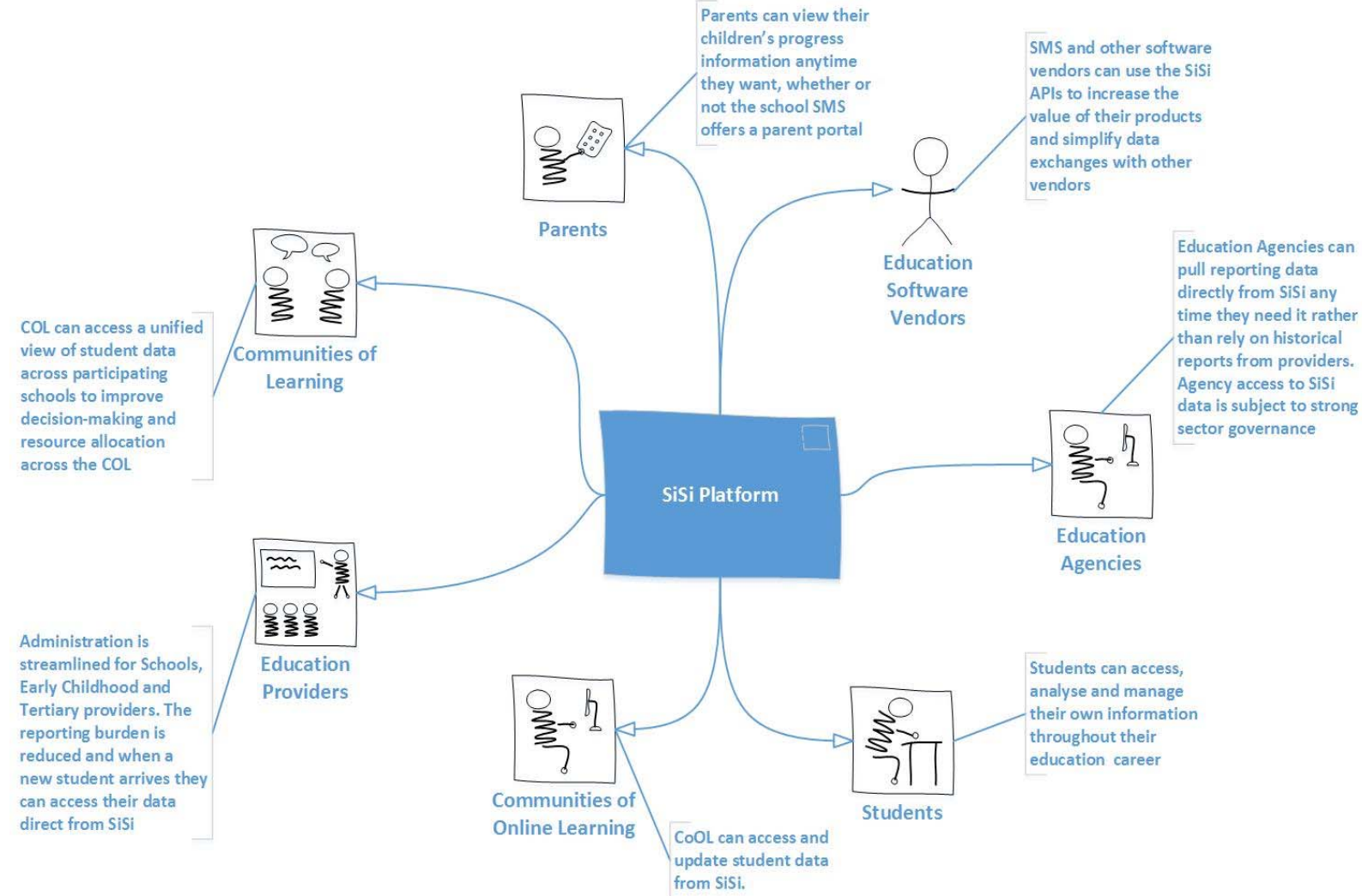
Student Information Sharing Initiative (SISI)



The Ministry is addressing two problems with student data:

- × Student information is not readily available to support the student as they move through different schools and phases of their education.
- × No common definition of data throughout the sector, making sharing, collection and analysis troublesome and inefficient.

Student Information Sharing Initiative (SISI)



SISI Business Goals



- Students' information follows them throughout their education career
- Data quality of student information is increased
- Student information is available to a broad range of stakeholders
- Student-centred learning is supported by rich access to student learning (progress and achievement) data
- Education agency reporting is simplified and streamlined by APIs and automation
- NZ digital learning ecosystem and software marketplace is enhanced by common data model and interoperability standards

Student Information Sharing Initiative (SISI)



Progress this year:

- User-centric co-design workshops completed throughout a selection of NZ Schools and other focus groups
- ROI (Registration of Interest) process completed to short list potential vendors for the SISI Repository and Data Exchange
- Initial analysis of SIF data objects for SISI scope

Next Steps - 2018

- Completion of detail business case
- Selection of vendor for SISI platform – RFP
- CoL Early Stage Roll-out



Lifting aspiration and educational achievement **for every New Zealander**