

Education, Skills and Children's Services

Information Standards Board

2009-10 Delivery Plan

V1.1

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Summary

This document provides an overview of the activities planned for 2009-10 by the Information Standards Board (ISB) for Education, Skills and Children's Services

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Table of Contents

Introduction by Dorian Bradley – Independent Chairman of the ISB.....	4
Executive Summary	5
High Level Goals.....	6
Delivery Plan Overview	7
1 System-wide engagement of stakeholders.....	7
2 Deliver a business led standards portfolio	9
2.1 Approved Standards	9
2.2 Under Consideration	10
2.3 Future.....	13
Appendix 1 – Standards Pipeline.....	15

Introduction by Dorian Bradley – Independent Chairman of the ISB

I am pleased to introduce the 2009-10 Delivery Plan for the Information Standards Board (ISB) for Education Skills and Children's Services (ESCS).

Our overall mission remains the creation and maintenance of a sufficient, minimum set of standards to support the information strategy for the ESCS system (1) and to reduce the overall costs of IT development.

I believe 2009-10 will be an important year in the life of the ISB. We are in a strong position to move forward from our successful first full year of operation in 2008-09. You can find full details of our work in that year in the ISB annual report <http://www.escs-isb.org.uk/news/news/Annual-Report-2008-09.htm> However, in summary, our main achievements included:

- Establishing our cross sector Special Interest Groups
- Approving our first standards for adoption across the Education Skills and Children's Services system
- Prioritising those standards which will make the biggest impact in the shortest time to be addressed by the ISB in the future
- Engaging with external organisations including the devolved UK Nations and cross government standards development bodies

I intend that the ISB should build on this solid foundation as we continue to establish it as the system wide authority for information and data standards. Central to this objective will be the adoption and embedding by the ESCS businesses of those information standards approved by the ISB, so that the benefits to the front line can be fully realised. Additionally, we will continue to support the development of standards that can be used across the system, not just within individual sectors.

The feedback from our recent Annual Stakeholder Event and our other engagement activities has further reinforced my view that the ISB's work is of high importance to the ESCS businesses and wider stakeholder community. This is a view shared by the Permanent Secretaries for DCSF and DIUS, our joint sponsoring departments, who have taken an active interest in our progress throughout last year.

I am confident that with the support of my board members, the ISB Secretariat, our Technical Support Service (TSS) and our stakeholders we will achieve the goals outlined in this delivery plan.

I look forward to updating you on our progress throughout the year.

Dorian Bradley



Independent Chairman of the Information Standards Board

(1) In this context the ESCS system refers to the projects and programmes run by the agencies and non-departmental public bodies that fall within the remit of DIUS and DCSF.

Executive Summary

High Level Goals for the ISB

To retain our focus we have set the following high level goals for 2009-10:

- Increase the ISB's visibility with stakeholders across the system
- Provide authoritative leadership to support the development of standards and their adoption
- Increase the ISB's impact by focusing on the standards that will bring the greatest and earliest benefits to Education, Skills and Children's Services

This delivery plan establishes the work programme of the Information Standards Board (ISB) in 2009-10. The purpose of the delivery plan is to:

- Summarise our plans for the system wide engagement of stakeholders
- Identify the priorities for information standards making in the coming year
- Plan ISB and TSS activities around these priorities

Delivery Plan

System-Wide Engagement of Stakeholders

The plan to engage with stakeholders includes:

- The ongoing contribution of our Special Interest Groups (SIGs) as the place where standards development is actively planned, managed and quality assured to meet the needs of ESCS coherently and comprehensively
- Support for Projects & Programmes from the TSS on both adoption of standards and contribution to standards development
- Continued liaison with the DCSF Architecture Unit to ensure that they are part of standards development
- Cross Government Engagement to ensure that ESCS needs are met and that ESCS is aligned to relevant government – wide standards
- Engagement with the devolved UK Nations, particularly on shared and cross border standards issues to encourage harmonisation of standards across the UK
- Engagement with supplier organisations including SIF (System Interoperability Framework) and SALTIS (Suppliers Association for Learning Technology and Interoperability in Schools) to ensure that standards are implementable, will be implemented and do not unduly favour any one supplier
- Engagement with standards setting bodies including BSI, CEN & ISO to ensure that ESCS needs are met and that ESCS is aligned to relevant national and international standards

Delivery of a business led standards portfolio

The delivery plan also includes details of our planned, business led standards portfolio. The standards included in the portfolio have been identified as priorities by our stakeholders, principally our SIGs. They are also consistent with the high level goal set for 2009-10 that the ISB should focus on the standards that will bring the greatest and earliest benefits to Education, Skills and Children's Services. The standards identified have been summarised under the following headings:

- Approved
- Under consideration
- Future

High Level Goals

The ISB has set the following high level goals for 2009-10:

- Increase the ISB's visibility with stakeholders across the system
- Provide authoritative leadership to support the development of standards and their adoption
- Increase the ISB's impact by focusing on a deliverable set of standards that will bring the greatest benefits to Education, Skills and Children's Services

These goals have been shaped by the feedback we have received from our stakeholders throughout the year and specifically from the Annual ISB Stakeholder event on the 6th April 2009.

The ISB delivery plan for 2009-10 is consistent with the ISB's high level goals for 2009/10.

The standards portfolio includes a small number of high impact standards that have the potential to deliver benefits for the system. It also includes standards that are considered 'quick wins' as they are already widely used within the system. Where standards are approved by the ISB for adoption the ISB will focus on embedding them across ESCS.

Our plans for stakeholder engagement are focused on increasing the visibility of the ISB with our stakeholders, developing clear messages on the benefits of data and information standards, and influencing stakeholders to participate in development and implementation of standards.

The ISB will continue to be supported by a Technical Support Service (TSS) that will provide expert guidance to projects and programmes on standards issues and to support the delivery of a business led standards portfolio. The TSS provider for 2009-10 will continue to be Atkins.

The ISB is also supported by a Secretariat that is responsible for providing strategic direction, organising and managing meetings of the Board and Stakeholder Groups, and working with Becta to manage the Technical Support Service provider.

For more details on the ISB please refer to the ISB website <http://www.escs-isb.org.uk>

Delivery Plan Overview

The delivery plan overview is summarised under two headings.

- System wide engagement with stakeholders
- The delivery of a business led standards portfolio

We anticipate that the delivery plan will be updated on a quarterly basis to reflect emerging policy needs, system-wide change initiatives and new developments in standards.

1 System-wide engagement of stakeholders

Communication Channels

The ISB plans to run a series of stakeholder engagement events throughout 2009-10. This will include an annual review, planned for quarter one 2010, and a series of smaller regional and sector focused events.

The TSS intends to launch its collaboration space to support the standards development and approvals process and regularly update the ISB website <http://www.escs-isb.org.uk/> with information standards news.

Updates on the ISB's work will be provided in our quarterly newsletter.

ISB Special Interest Groups

In 2009-09 the ISB successfully established five Special Interest Groups (SIGs) covering the following subject areas:

- **Data Management** – Focused on data standards, such as defining semantics; syntax for data items such as person, organisation, learner and definitions, such as ethnicity. The SIG will also look at collections of data items in support of business functions, including the new Aligned Data Definitions (ADD), and provide guidance on the applicability of inherited standards such as Common Basic Data Set (CBDS) and Common Data Definitions (CDD)
- **Portfolios, Learning Opportunities and Transcripts** – Focused on electronic records of learners, learning plan development, and on line assessment. Relevant standards include: XCRI, Learner Records, HR-XML & e-Portfolios
- **Vocabularies** – Focused on structured vocabularies for information retrieval including definitions, symbols and abbreviations; thesauri; Interoperability between vocabularies and exchange formats and protocols and the tools for managing them. Areas of interest include, for example: BS8723 and the Integrated Public Sector Vocabulary
- **E-learning and Content Packaging (ELCP)** – Focused on learner self-service, training workflow, the provision of on-line learning, continuous professional education, collaborative learning and training resource management. The main focus for this SIG in 2009-10 is the development of an agreed profile for content packaging for ESCS
- **Identity Management** – Focused on simplified access to services by citizens and employees (using authentication standards such as Shibboleth and SAML and personalisation and aggregation of child and learner information via use of a Common Identifier (e.g. by expanding the scope of the ULN)

The SIGS are made up of volunteers chosen for their expertise in the subject matter considered by the SIG. Members of the SIG collaborate on areas of standards-making

activity. Each SIG is led by a SIG Champion. As well as providing topic and sector specific expertise, the SIGs are also the main link with the ESCS businesses (2) and help ensure that the portfolio of standards being developed are business led.

Each SIG will meet at least four times in 2009-10 to plan and manage standards development so as to meet the needs of ESCS. Additionally, there will also be four SIG Champions Meetings where cross SIG issues will be discussed to ensure standards work is coherent and consistent.

Support for Projects & Programmes

One of the functions of the TSS is to provide guidance & support to projects and programmes from around ESCS. It is planned that the TSS will continue to provide this service in 2009-10.

Enterprise Architecture

The ISB and TSS will continue to work closely with the DCSF Enterprise Architecture Unit who are developing an Enterprise Architecture for the ESCS system. It is essential that the standards developed through the ISB and the new architecture are fully aligned. Only then will adoption of approved standards ensure that the new architecture is embedded across the system.

Cross Government Engagement

In 2008-09 the ISB agreed a ways of working framework with its counterpart for Health and Social Care. The intention is to reduce duplication, increase re-use and improve interoperability. Standards in the areas of Child and Adolescent Mental Health and Religion have already been identified as areas for collaboration. Regular quarterly meetings between the two bodies will continue in 2009-10.

The TSS will continue to engage at a cross government level through the cross government enterprise architecture working group (XGEA). Specifically this engagement will monitor and contribute to the development of 'Universal' standards (that are needed by every Government Department and will be defined centrally) and focus on areas like address standards and ethnicity which have been identified as high priority by the ESCS businesses.

UK Nations

The ISB and TSS will continue to facilitate regular meetings with the devolved UK Nations with the objective of agreeing ways of working and identifying areas for collaboration. Specific areas of common interest raised so far have included, System Authorisation and Authentication Standards, the requirement for a common approach to Ethnicity and how the development of an enterprise architecture for ESCS in England would impact the other UK Nations.

It is planned that there will be at least two formal UK Nations meetings in 2009-10.

Industry Groups

The ISB and TSS will continue to work closely with the SIF Association (System Interoperability Framework) who already have a number of working groups focused on the development of data standards for the SIF community. The objective is that this important work can also be re-used across the ESCS system.

The ISB will also continue its engagement with SALTIS (Suppliers Association for Learning Technology and Interoperability in Schools), SCA (Strategic Content Alliance) and LETSI (Learning-Education-Training Systems Interoperability).

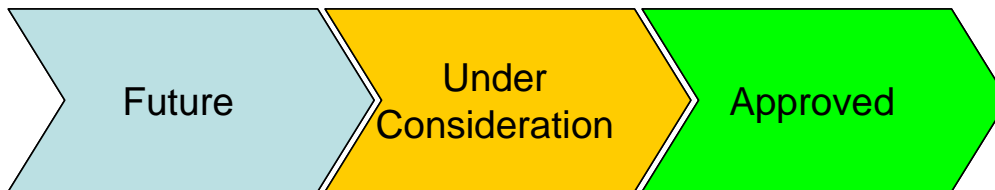
(2) In this context the ESCS businesses refer to those agencies and non-departmental public bodies that make up the ESCS system and the projects and programmes they run

Standards Organisations

The ISB will continue to engage with standards making organisations like BSI (The British Standards Institution) CEN (The European Committee for Standardization) and ISO (International Organization for Standardization). This engagement will come through the relevant British Standards working groups and through engagement on specific standards issues.

2 Deliver a business led standards portfolio

For clarity the 2009-10 standards portfolio has been summarised under the following categories based on the status of the standard within the standard's lifecycle.



- **Approved** - These are standards that have been approved by the ISB for use within the ESCS system and given the status of Adopted, Recommended or Inherited.
- **Under consideration** – These are standards that were included in the 2008-09 Business Plan (including quarterly updates) for which development work is ongoing
- **Future-** Standards that fall within this category are those for which development is yet to start but have been identified as areas of high impact & high importance for the ESCS system. Although an initial assessment has been completed of these standards it is recognised that that further work is required to define their scope

Full details of our standards pipeline can be found in Appendix One of this delivery plan.

2.1 Approved Standards

Exchanging Course Related Information (Course Advertising Profile) XCRI CAP

The ISB has approved the Exchanging Course Related Information (XCRI) Course Advertising Profile (CAP) v1.1 as a system wide standard. XCRI will make it easier for course brokers & aggregators such as UCAS, the National Learning Directory & 14 – 19 prospectus websites, to collect prospectus information from learning providers. This work was funded by colleagues from JISC (Joint Information Systems Committee).

The Portfolios, Learning Opportunities and Transcripts SIG and TSS are developing an adoption plan to embed XCRI across the ESCS system. The objective is to start to realise the estimated annual cost savings/cost avoidance of £6m that were detailed in the initial business case for an XCRI standard.

Aligned Data Definitions (ADD)

These common definitions were created by data definition alignment project to help support interoperability across the ESCS system. These definitions are grouped into modules covering names, dates, gender, BS7666 addresses, other addresses, contacts and ethnicity. The ISB approved the adoption of ADD in Quarter two 2008. It was subsequently agreed that further development was required of the address and ethnicity elements of the standard. When work in these areas has been finalised the ADD must be revised and re-issued, after which the ISB will engage with the ESCS businesses to develop a plan for adoption.

2.2 Under Consideration

Address Standards (BS7666)

The ISB and TSS have taken action on the issue of Address Standards in response to concerns raised by many people across ESCS and have stressed the need for a coherent, cross-Government approach.

Under the current system addresses are stored and entered in many different formats for many different purposes. This has cost implications when there is a requirement to share address information between systems because it is often necessary to develop translation programs to cope with format differences. An agreed ESCS standard for address will benefit all ESCS projects and programmes that need to transfer or receive address information to/from other systems. The existing eGIF address standard, BS7666 is for UK addresses only but ESCS deals with many foreign addresses (e.g. overseas students coming to the UK to study), and there is no standard for the nature of the relationship of a person to an address (e.g. residential, mail, term-time residential etc).

The TSS has raised the issue with the Cross Government Enterprise Architecture Data Standards Working Group (XGEA) who have now established a working group on address and location standards to agree government wide solution to these issues. It is also reporting progress to an ESCS address standards working group to ensure that the views of the system are consulted and represented.

SAML 2.0 (Single Sign On Standard)

A standard in this area will make it easier for practitioners and citizens to access information, as they will only have to log in once to gain access to multiple systems. It also significantly reduces the cost of higher levels of security that is increasingly recognised as needed to protect sensitive personal information by allowing expensive two-factor authentication systems to be shared across many applications. In the initial business case for this standard it was estimated that it could generate around £50m in cost avoidance and cost savings primarily from the bulk purchase of shared use authentication tokens.

Through the Identity Management SIG and TSS the ISB is leading work to develop an ESCS profile that will meet the business needs whilst reducing variety. OASIS SAML 2.0 is the existing, widely recognised standard underlying many web-based Single Sign-On solutions but it has many options and as a result there is a high probability that compliant implementations will not interwork. A single ESCS profile will promote interoperability.

Ethnicity Codes

The ISB has approved the status of Adopted for an ethnicity standard.

The expected benefits of this standard include: reduced costs of collecting ethnicity information, because ethnicity needs to be collected just once and can be used many times; improved statistical relevance of data when compared to other data sets; better targeting of public resources based on better quality of data; reduced costs of adapting to subsequent changes in standard definitions used by ONS.

The most pressing business need for an Ethnicity Standard came from the Further Education Sector where learning providers (FE Colleges and Schools) were required to report the same information in multiple formats for different central government institutions. This standard will benefit all learning providers, local authorities and central government departments that are required to report on or collect data on Ethnicity.

The TSS has introduced this ESCS standard to the XGEA Data Standards Working Group who has undertaken that the standard will be adopted and managed centrally for the whole of Government.

Workforce Data Standard

The purpose of this standard is to provide consistency in the definition, meaning and use of data about the Children's Workforce by providing standard definitions to those who commission, build, populate and analyse data systems, including collections and surveys.

The Children's Workforce Standards Working Group, set up to lead this development, have been concentrating on aligning definitions for all workforce related datasets that are collected from local authorities (School Workforce Census (SWF), the National Minimum Dataset for Social Care (NMDS-SC), Children's Service Mapping, and the Local Government Earnings Survey).

Similar to an ethnicity data standard the expected benefits of this standard includes: reduced costs of collecting workforce information, because workforce needs to be collected just once and can be used many times; and the improved statistical relevance of data when compared to other data sets.

The work in this area is ongoing. A draft specification has been produced and is being managed by the working group. Once the consultation and assessment phase is complete it is planned that the ISB will approve its status as an Adopted Standard.

Content Packaging Standard Profile

The e-Learning and Content Packaging SIG is leading a project (funded by Becta) to support content and service providers in developing an appropriate application profile for content packaging.

Content packaging specifications exist to allow digital learning resources to be delivered in a consistent way within learning platforms. The existing content packaging specifications can be interpreted in a number of ways and as a consequence of this it is common that content developed according to a specification may not work in different learning platforms due to differences in the interpretation.

It is apparent that there is an increasingly urgent need for educational content and learning platform services providers to agree upon interoperability specifications. There has already been much investment in the investigation and development of technical standards and it is in the interests of all stakeholders to reach agreement on this so that focus can be shifted more towards investment in innovation in improved content quality to meet the needs of users. An agreed UK content packaging profile will improve the availability of digital content to learners, reduce production costs and improve the quality of content.

The urgent business need for a Content Packaging Standard Profile comes from the Schools sector; however the profile will also support providers of content from other sectors that wish to publish resources to support teachers and learners.

Interactive Whiteboard Standard

UK Education has adopted interactive whiteboards and whiteboard software from a variety of suppliers during the last 7 years. Content files developed for one type of interactive whiteboard cannot always be opened by the software of another. This means that it is not possible for users, Learning Authorities, or other content publishers to create content that can be used on the software of more than one type of interactive whiteboard.

An Interactive Whiteboard Common file format, if adopted as a common industry-wide standard, will bring benefits to schools, by allowing the free exchange of resources within and between schools, and through cost benefits passed on from opening up the IWB market to greater competition.

The e-Learning and Content Packaging Special Interest Group is working to establish a standard for interactive white board content. The bulk of the development in this area has

been undertaken through our colleagues in Becta. Review and consultation are now required to establish it as a system wide standard.

Common Child/Learner Identifier

The ISB & TSS are working closely with the DCSF team responsible for developing a common identifier for children and learners as part of a wider strategy to manage identity and personal information efficiently and effectively across ESCS. As a minimum the ISB is planning to support the direction of travel in this area which is aiming to expand the scope of the existing ULN and the MIAP registration services. Clarification will bring more certainty to the ESCS businesses and suppliers.

Use of a Common Identifier across all of ESCS will allow for accurate merging of records to support personalisation of learning and learning advice and information sharing across children's services to improve outcomes for children.

Quality Standard for Structured Vocabularies

The objective of this work is to agree an ESCS quality standard for structured vocabularies. The main benefit of this standard will be to ensure that vocabularies are effective in managing access to and exploitation of information. It will also provide greater certainty to those projects, programmes and suppliers that are developing vocabularies as to the quality requirements of the system. This work is being led by our Vocabularies Special Interest Group. It is anticipated that it will draw heavily on existing standards in this area including BS8723 2005 (Structured vocabularies for information retrieval) and IMS Meta-data Best Practice Guide for IEEE 1484.12.1-2002 (Standard for Learning Object Metadata). The intention is that this quality standard will apply across ESCS.

ESCS elements of IPSV

As part of the strategy to manage vocabularies the Vocabularies SIG will be assessing existing or new vocabularies to identify which have cross government applicability and should therefore be included in the Integrated Public Sector Vocabulary (IPSV). This work will be ongoing as vocabularies are assessed and will cover all of ESCS.

Parent Know How Vocabulary

The Parent Know How programme has developed a vocabulary to support its work. The TSS and Vocabulary SIG will work with the Parent Know How team to identify elements that should be included in IPSV (see above) and elements that should be approved as having ESCS system wide relevance.

Awarding Body Information Standards (including qualifications)

The most pressing business need for the development of standards in this area comes from the urgent need for JCQ to replace its aged systems and the need to support the reform of the 14-19 learning provision. The 14-19 reform increases the numbers of institutions (FE and schools) offering a range of qualifications and in turn means they will be dealing with a wider range of awarding organisations. There is currently no common data standard for examination entries and results notification for general and vocational qualifications. This causes significant inefficiencies and additional cost in the Further Education sector and increasingly this issue is affecting schools with the implementation of 14 -19 reforms.

The Joint Council for Qualifications (JCQ) is leading on developing a set of independent standards for Awarding Body data, i.e. learner details, examination entry and results notification, focusing initially on schools to Awarding Body exchanges. The ISB and TSS are engaging to ensure that the standard is widely applicable across ESCS and that it can be given an Adopted status by the ISB.

The benefits of a standard in this area are reduced costs to schools and FE colleges and easier adaptation to the 14-19 reforms.

The ISB must coordinate this with potentially overlapping plans for Transcripts and other 14-19 standards.

Timetabling standards

The SIFA (Systems Interoperability Framework Association) has identified a business need to develop data standards for timetabling so that schools can populate class list information from timetable software into teaching and learning areas within a learning platform.

A data standard in this area will increase the interoperability between systems within schools leading to more accurate and consistent data and time savings due to streamlined operations of data transmissions vs. manual exports and imports.

The ISB will aim to ensure that this standard does not preclude (and indeed will ideally include) meeting the needs of FE and HE.

Inherited Standards

These are standards that are widely used within the ESCS system and require some guidance as to their future applicability and their relationship to the direction of travel in the topic area. The standards that are under consideration in this area include:

- CDBS (Common Basic Data Set) (now approved as Inherited)
- CDD (Common Data Definitions)
- Connexions NCCIS
- UPN (Unique Pupil Number)
- BS 8419:2005 Interoperability between Metadata Systems used for Learning, Education and Training

2.3 Future

Learner Records

This is a 'placeholder' for the broad subject area of Learner Records.

Although the full scope of this work is yet to be defined the Portfolios, Learning Opportunities and Transcripts SIG has already prioritised the convergence of a single electronic standard for communicating transcripts of learner achievement. The intention is that this will fulfil the requirements of the MIAP Learner Record, the Burgess HEAR and the CEN work on electronic documents for the Bologna process.

The MIAP Programme is working with the QCA and others to develop a national Learner Record. The Learner Record will be an aggregation of records about an individual's learning that has already been collected by UK education bodies.

The JISC has been tasked by the Burgess Implementation Steering Group with addressing electronic issues required to support the Higher Education Achievement Report (HEAR), and have engaged the support of JISC-CETIS. Work on a data specification for the HEAR is informed by a New Work Item on Learner Mobility progressing through CEN TC353 to develop electronic documents to support the Bologna Process.

ADD, Portfolios, SIF and Awarding Body standards will or may overlap this work.

The ISB will aim to coordinate these initiatives so that one standard is developed once to meet all these requirements.

Attendance & Absence Data Standard

The 14 – 19 Agenda means that Students will be taking a proportion of their learning Activities at other Schools or Education providers. It remains the learner's home school's responsibility to collate data and provide information to school decision makers and parents. Many aspects of a student's involvement at another establishment need to be monitored and reported,

including attendance. The development of a data standard in this area will support the electronic transfer of this data between systems schools and other Learning Providers.

SIFA has established a working group to develop data standards in this area. The ISB will aim to ensure that this standard does not preclude meeting the needs of other sectors and can be approved as an ESCS standard.

Behaviour

As with attendance and absence it is the learner's home schools responsibility to collate behaviour data and provide information to school decision makers and parents, including a learner's behaviour, both positive and negative. SIFA are working to develop data standards for student behaviour. The ISB will aim to ensure that this standard does not preclude meeting the needs of other sectors and can be approved as an ESCS standard.

Curriculum

Development of a curriculum data standard is linked closely with SIFA's work on timetabling standards. The intention is that a curriculum standard will increase the interoperability between school systems leading to more accurate and consistent data and time savings due to streamlined operations of data transmissions vs. manual exports and imports. SIFA is developing a data standard for curricula.

The ISB will aim to ensure that this standard does not preclude meeting the needs of other sectors and can be approved as an ESCS standard.

14-19 Data Standards

This is a placeholder for the development of data standards to support the 14-19 education sector. The full scope of the standards to be developed is yet to be finalised and some examples, Awarding Body, Timetabling and Attendance & Absence, have already been included as separate items in this delivery plan. The TSS plans to work with SIFA to ensure that the standards developed by SIFA can be re-used across the system.

Appendix 1 – Standards Pipeline

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q1	01/06/2008	01/09/2009	Address & Location Standard	Address Standard for ESCS	Under Consideration	Development of a usable address standard for ESCS. This builds on the business case approved by the ISB. It also includes contribution to the development of a location standard in XGEA.	DCSF	Data Management
Q1	01/06/2008	01/06/2009	Work Force Specification	Workforce data standard	Under Consideration	Development of a data standard for ESCS workforce	DCSF	Data Management
Q1	05/01/2009	14/05/2009	Ethnicity Code List	Code list for Ethnicity	Under Consideration	Develop a code list for ethnicity.	<i>the information authority</i>	Data Management
Q1	16/01/2009	14/05/2009	SAML 2.0	Access and Authentication Standard	Under Consideration	Development of a standard profile for SAML 2.0 for ESCS	DCSF	Identity Management
Q1	07/03/2009	14/05/2009	CBDS (Guidance)	Common Basic Data Set	Inherited	Guidance to be provided on the use of CBDS as a an inherited standard		Data Management

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q1	17/04/2009	14/05/2009	CDD (Guidance)	Common Data Definitions	Inherited (Under Consideration)	Guidance to be provided on the use of CDD as an inherited standard		Data Management
Q1	20/04/2009	31/12/2009	XCRI	Exchanging Course Related Information	Recommended	Promulgation of XCRI with Learning Providers and Aggregators		PLOT
Q1	20/04/2009	02/07/2009	Common child/learner identifier (ULN)	Common identifier for child/learner based on the ULN	Under Consideration	Scope is likely to include the approval of the ULN as the direction of travel followed by the approval of the ULN as the common child/learner identifier for ESCS. N.B. This is subject to completion of policy consultation.		Identity Management
Q1	27/04/2009	01/12/2009	Content Packaging Application Profile	Content packaging profile for ESCS	Under Consideration	Development of a content packaging profile for ESCS	Becta	ELCP
Q1	01/05/2009	01/08/2009	Quality standard for structured vocabularies	Quality standard for the development of structured vocabularies for ESCS	Under Consideration	This work will draw heavily on the BS8723 2005 standard for structured vocabularies with guidance for its implementation for ESCS	DCSF	Vocabularies

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q1	14/05/2009	14/08/2009	Interactive whiteboard common file format	A common file format for interactive whiteboards, allowing resources to be easily shared.	Under Consideration	ISB approval as a system wide standard for interactive white boards	Becta	ELCP
Q1	01/06/2009	29/12/2009	Awarding Body Standards	Awarding Body Information Standards (including qualifications)	Under Consideration	The Joint Council for Qualifications (JCQ) is leading on developing a set of independent standards for Awarding Body data, i.e. learner details, examination entry and results notification, focusing initially on schools to AB exchanges. The ISB and TSS are engaging to ensure that the standard is widely applicable across ESCS	JCQ	Data Management
Q1	01/06/2009	01/09/2009	Timetabling Standards	Data standard for timetabling	Under Consideration	Development of a data standard for timetabling		Data Management

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q1	01/06/2009	01/12/2009	14-19	This is a placeholder for 14-19 data standards being developed by the 14-19 task force.	Future	This is a placeholder for the development of data standards to support the 14-19 education sector through SIFA		Data Management
Q2	01/07/2009	01/11/2009	IPSV (ESCS elements of)	The ESCS elements of the Integrated Public Sector Vocabulary	Under Consideration	The scope of this work is to integrate the important vocabularies developed by the ESCS businesses into the existing Integrated Public Sector Vocabulary (IPSV). The full scope of this work and specifically the vocabularies to be included in IPSV is yet to be defined.		Vocabularies
Q2	01/07/2009	01/11/2009	Parent Know How for IPSV	Elements of the Parent Know How Vocabulary with relevance to IPSV	Under Consideration	Approval of the elements of the parent know how vocabulary relevant to IPSV		Vocabularies
Q2	01/07/2009	01/11/2009	Parent Know How for ESCS	Elements of the Parent Know How Vocabulary with relevance to the wider ESCS	Under Consideration	Approval of the elements of the parent know how vocabulary relevant to ESCS		Vocabularies

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q2	01/07/2009	01/09/2009	BS 8419:2005 Interoperability between Metadata Systems used for Learning, Education and Training	Interoperability between Metadata Systems used for Learning, Education and Training	Inherited (Under Consideration)	Approval as an inherited standard		Vocabularies
Q2	01/07/2009	01/01/2010	Learner Records	Standard for communicating transcripts of learner achievement	Future	This is a placeholder for the broad subject area of Learner Records. Although the full scope of this work is yet to be defined the PLOT SIG has already prioritised the convergence of a single electronic standard for communicating transcripts of learner achievement.		PLOT
Q2	01/07/2009	01/10/2009	Attendance	Attendance data standard	Future	The full scope of the requirement in this area is yet to be agreed. A likely aim of a standard would be to reduce administration in monitoring of attendance for students on 14 – 19 Diplomas attending more than one institution		Data Management

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q2	01/09/2009	31/12/2009	ADD	Aligned Data Definition	Adopted	Promulgation of ADD in CBDS & CDD		Data Management
Q2	01/09/2009	01/11/2009	Connexions – NCCIS (National Connexions Customer Information System)	Connexions undertake an annual census of the pathways taken by young people on reaching school leaving age. The XML Schema is used to send statistical data from local CCIS systems to the National CCIS system.	Inherited (Under Consideration)	Approval as an inherited standard		Data Management

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q2	TBC	TBC	Behaviour (SIF)	This is a placeholder for Behaviour data standards being developed by the SIF Behaviour task force.	Future	One of the data standards working groups within SIFA (Systems Interoperability Framework Association) will be developing a data standard for Curriculum. The ISB will aim to ensure that this standard does not preclude the needs of FE and HE.		Data Management
	TBC	TBC	Curriculum (SIF)	This is a placeholder for Curriculum data standards being developed by the Curriculum & timetabling task force.	Future	One of the data standards working groups within SIFA (Systems Interoperability Framework Association) will be developing a data standard for Curriculum. The ISB will aim to ensure that this standard does not preclude the needs of FE and HE.		Data Management

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Title	Description	Lifecycle Stage	Scope of Work	Commissioning Org (£)	SIG Responsible
Q4	01/12/2009	01/02/2010	Unique Pupil Number (UPN)	The Unique Pupil Number identifies pupils in Early Years and schools censuses and for exchange of pupil information between schools and LAs.	Inherited (Under Consideration)	Approval as an inherited standard		Data Management