Jisc update

Paul Feldman
CEO Jisc
REPO Fringe 2/8/2016
Some highlights of what we are doing today
Our Vision

For the UK to be the most digitally advanced Higher and Further education and research nation in the world

Our Aim

To achieve this vision, each day we will continue both to power UK’s Higher and Further education’s teaching, learning and research and inspire its digital transformation
Continue to develop the Janet Network, the foremost national research and education network in the world.

Focus our products on the areas that make the most difference to learners, teachers and researchers and offer solutions tailored to the unique challenges of the education and research sectors.

- Build on our strong reputation in HE, especially with senior leadership teams, by adding indispensable value.
- Become a recognised and valued partner to FE through our world-class infrastructure and our expertise in technology-assisted learning.
- Strengthen our position as a partner and key enabler of UK research through our network, research infrastructure, curation and discovery.
- Grow our offering internationally so it is a significant source of income, efficiencies and benefits our members.

Make membership meaningful through an authentic two-way relationship with individual members and the HE and FES sectors, by listening, collaborating and fully integrating our plans with their own requirements and thinking.

Continue to build a strong, financially sustainable, position

Operating to high standards of efficiency and effectiveness, be recognised as the leading sector agency in the UK and internationally with motivated, passionate staff and satisfied members.
Teaching & learning growth drivers

- Redesigning learning and library spaces incorporating the use of technology
- Use of off-site datacentres
- Growth of satellite campuses both nationally and internationally
- Student experience - BYOMD
- Uptake of cloud services
- Increasing cross-institution collaboration
- Increasing university & business collaboration
- Proliferation of open educational resources
- Media rich creation and delivery of course work
- Focus on personalised learning, driving the gathering and analysis of large amounts of data
- Streaming and video capture of lectures, and increased online interaction between students and teaching staff both on and off campus
Research growth drivers

Climate Understanding and predicting changes in climate, weather and the oceans
Upgrade 15/16

Glasgow

Leeds

London

Telehouse West

Bristol

Manchester

Nottingham

London Telehouse West

Birmingham

London Telecity HX

Global Transit & Peering

London Telecity Powergate

Global Transit & Peering

100Gbit/s

200Gbit/s

400Gbit/s

600Gbit/s

02/08/2016

REPO Fringe
Jisc and Open Educational Resources

**Closure of Jorum**

- Decision based on platform not being fit for purpose; not about the content
- Resources hard to find
- Resources not pre-viewable
- Resources had no ownership
- No way for users to share their experiences
- Some content retired – consultation with the community, and opportunities for decision to be revisited

**Development of Content/App Store**

- Focus on providing functionality required by teaching staff to source and curate learning resources (dealing with barriers described)
- Content from Jorum being taken forward on new platform, circa 7000 rich open resources
- Open Content mixed with Paid for content – user decides what suits their needs
- Curation – user playlists; shareable
- Ranking – user feedback, quality ID’d
- Re-useable – can be re-mixed and re-shared
Open Access

» Working towards global open access, in partnership with information professionals and researchers, we enable the UK's academic research community to realise the rewards of open access.

» Particularly relevant with the Research Excellence Framework and REF OA policy

» 3 new services coming soon:
  › **Jisc Publications Router** – notification service to help institutional repositories comply with the REF OA policy
  › **Jisc Monitor UK** – national service giving cost and compliance information for OA
  › **Jisc Monitor Local** – cloud-hosted application for HEIs to collate and use information about research outputs being published OA

Neil Jacobs, Cluster Owner

How Jisc's open access services support the publication lifecycle
Explore the ◆ areas to find out more

Submission  Acceptance  Publication  Use

Click here for a thematic view of Jisc’s open access services

https://www.jisc.ac.uk/content/open-access/our-role
The futures portfolio consists of three big areas

1. **Digital capability**
   - Playlists
   - Store services
   - Curation and remix
   - Diagnostic tool builder

2. **Learning analytics**
   - Analytics academy
   - Analytics labs
   - Qualification verification

3. **Research data shared service**
   - Research data discovery
   - Equipment data
   - Repository and preservation platform

Additional services include:
- Apprentice workforce development
- Summer of student innovation
- Learner Analytics Services
- Research data usage metrics
- Qualification verification
- Equipment data
Research data shared service
A shared service to help universities manage their research data in compliance with mandates from research funders. Researchers will use the service to easily deposit data for publication, discovery, safe storage, long term archiving and preservation.

We are working with 16 HEIs to develop requirements and have procured suppliers to deliver parts of the service.
An infrastructure that enables institutions to share their expensive research equipment, leading to cost savings in the sector and excellence in research. Our primary focus is equipment.data, which is backed by RCUK and currently includes records of research equipment from 43 UK universities, aligned with supportive services such as Kit Catalogue and the Brunswick and HPC agreements.
A prototype service for tracking usage measures and other metrics to help assess research data impact and use. Initially we will run an instance of the current repository usage statistics service (IRUS-UK) across research data repositories.
A search tool to help researchers find research data across all UK repositories and data portals. This will encourage reuse of research data, particularly in interdisciplinary research as well as making data citation easier.

The alpha version of the service is available now, with >14k datasets aggregated.

http://ckan.data.alpha.jisc.ac.uk/dataset
App and content store
An application and resource store that will help Jisc members find tools and content relevant to research and education from Jisc and from third parties who have tools or content that meet Jisc’s quality standards.

We have a working alpha that we are starting to populate with content

Contact: Justin Haylock
Horizon scan
Future trends

Visions for the future

We have been sketching out ideas for what technology might hold for your sectors

Future classroom will be online, virtual – and taught by robots

How we’re using augmented reality to bring innovation to

Martin Hamilton: our resident futurist