

Jisc update

Paul Feldman

CEO Jisc

REPO Fringe 2/8/2016

Some highlights of what we are doing today

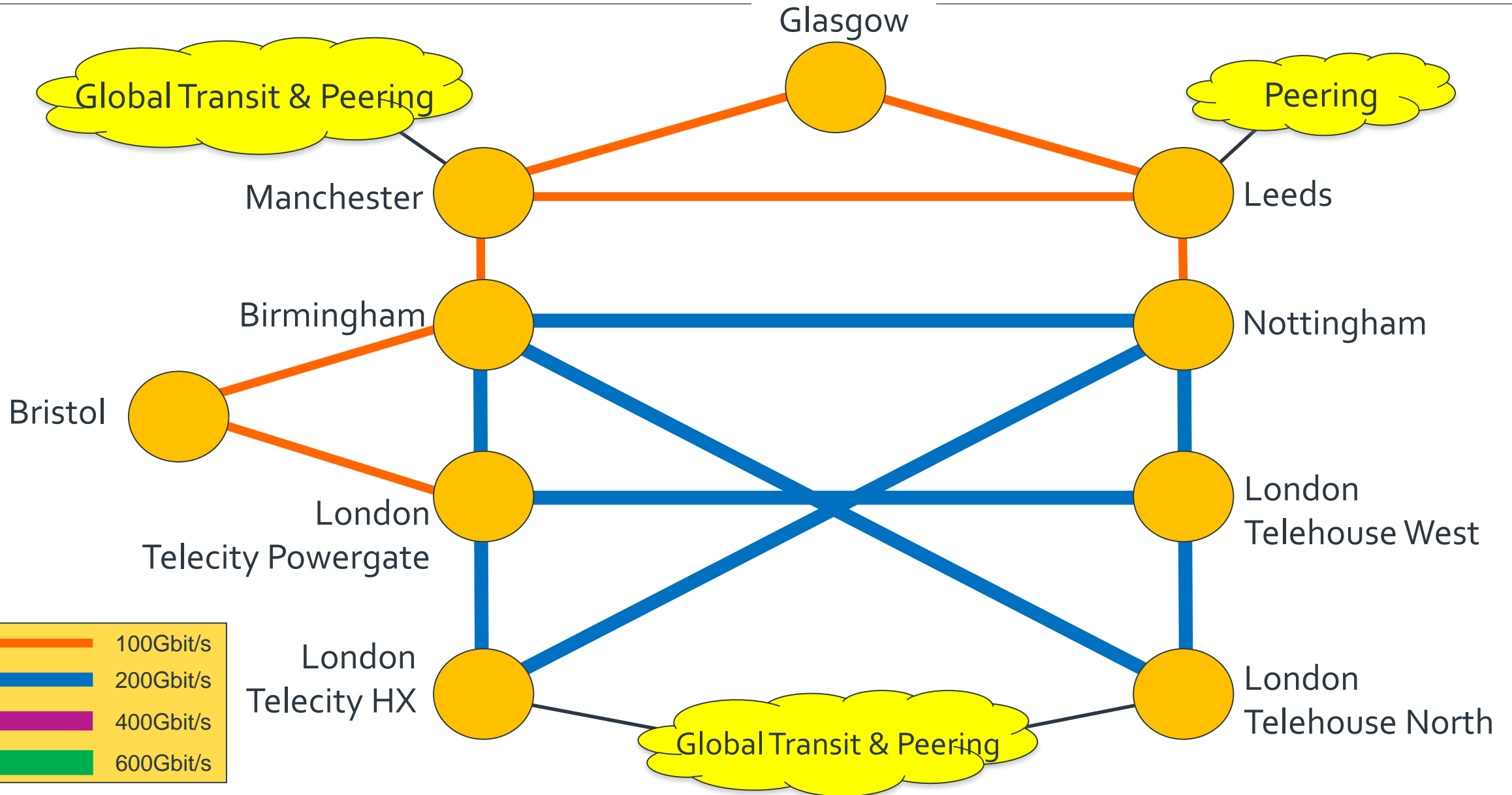
» Our Vision

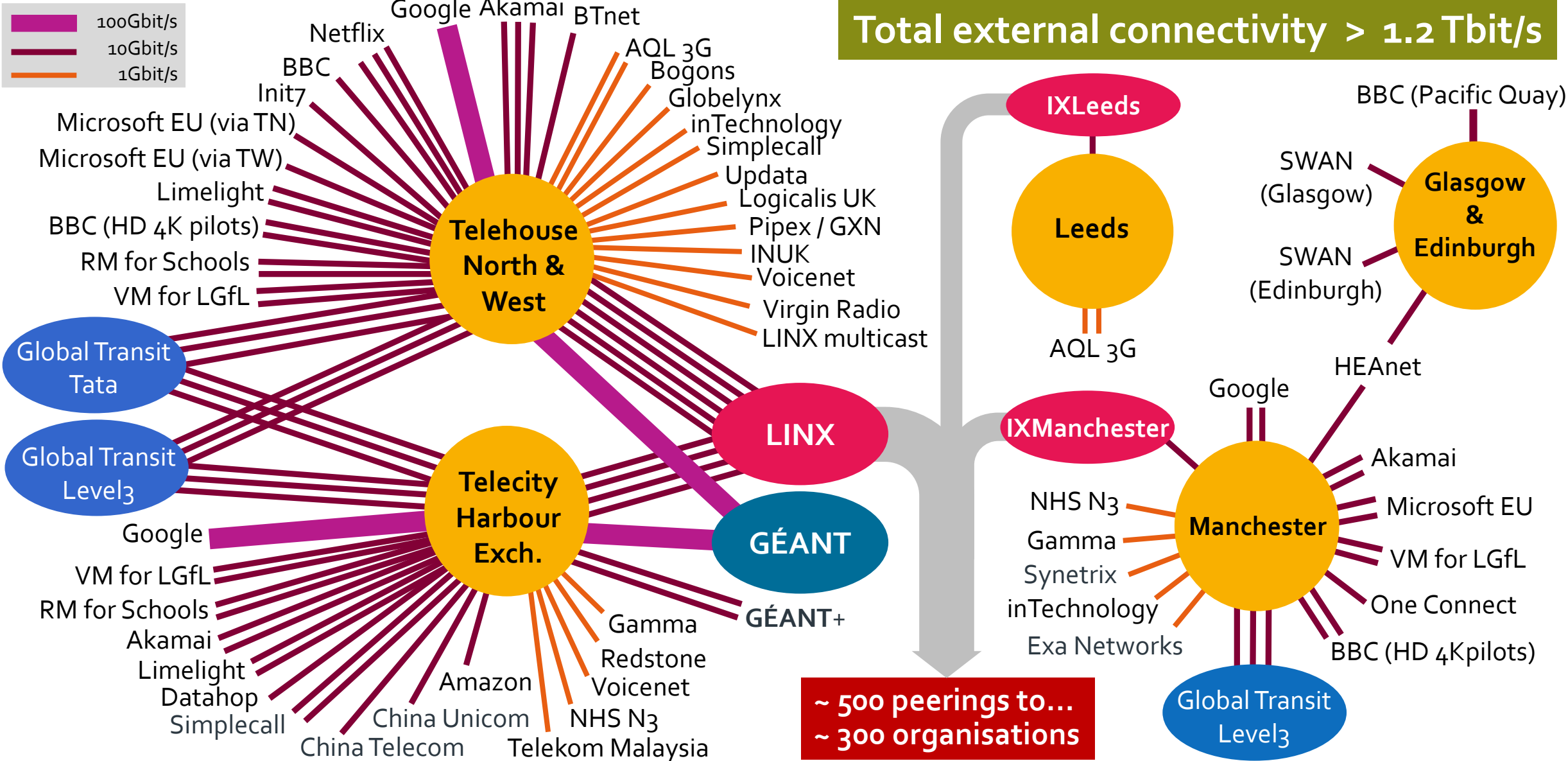
» For the UK to be the most digitally advanced Higher and Further education and research nation in the world

» 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.





Redesigning learning and library spaces incorporating the use of technology

Student experience - BYOMD

Proliferation of open educational resources

Use of off-site datacentres

Growth of satellite campuses both nationally and internationally

Uptake of cloud services

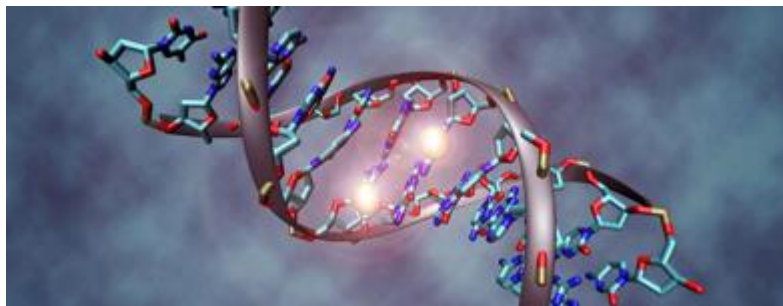
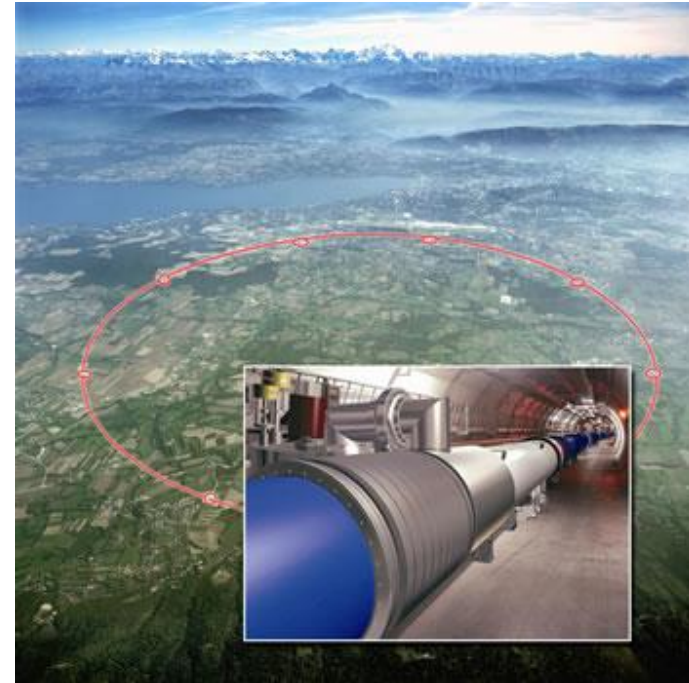
Media rich creation and delivery of course work

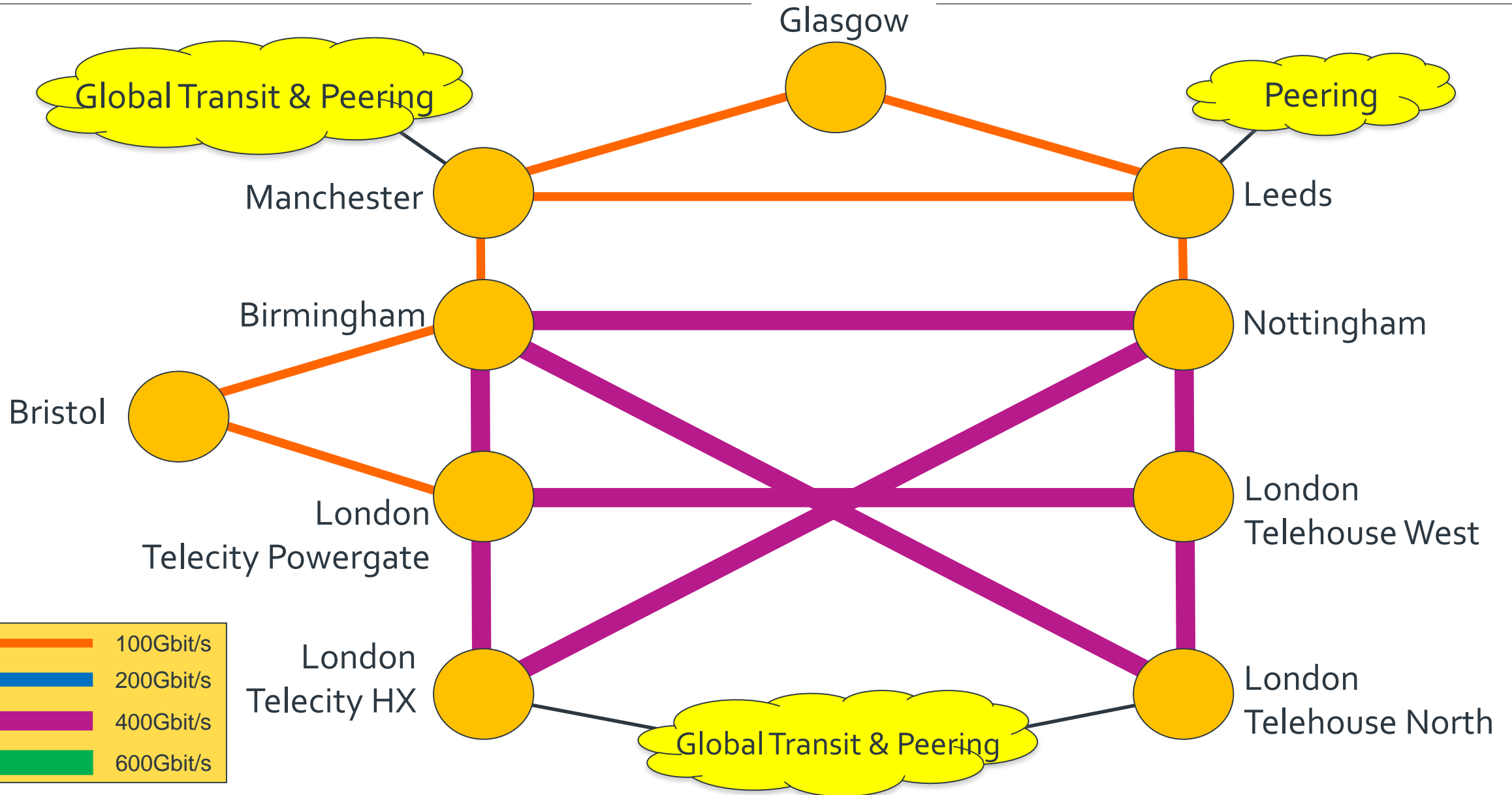
Increasing cross-institution collaboration

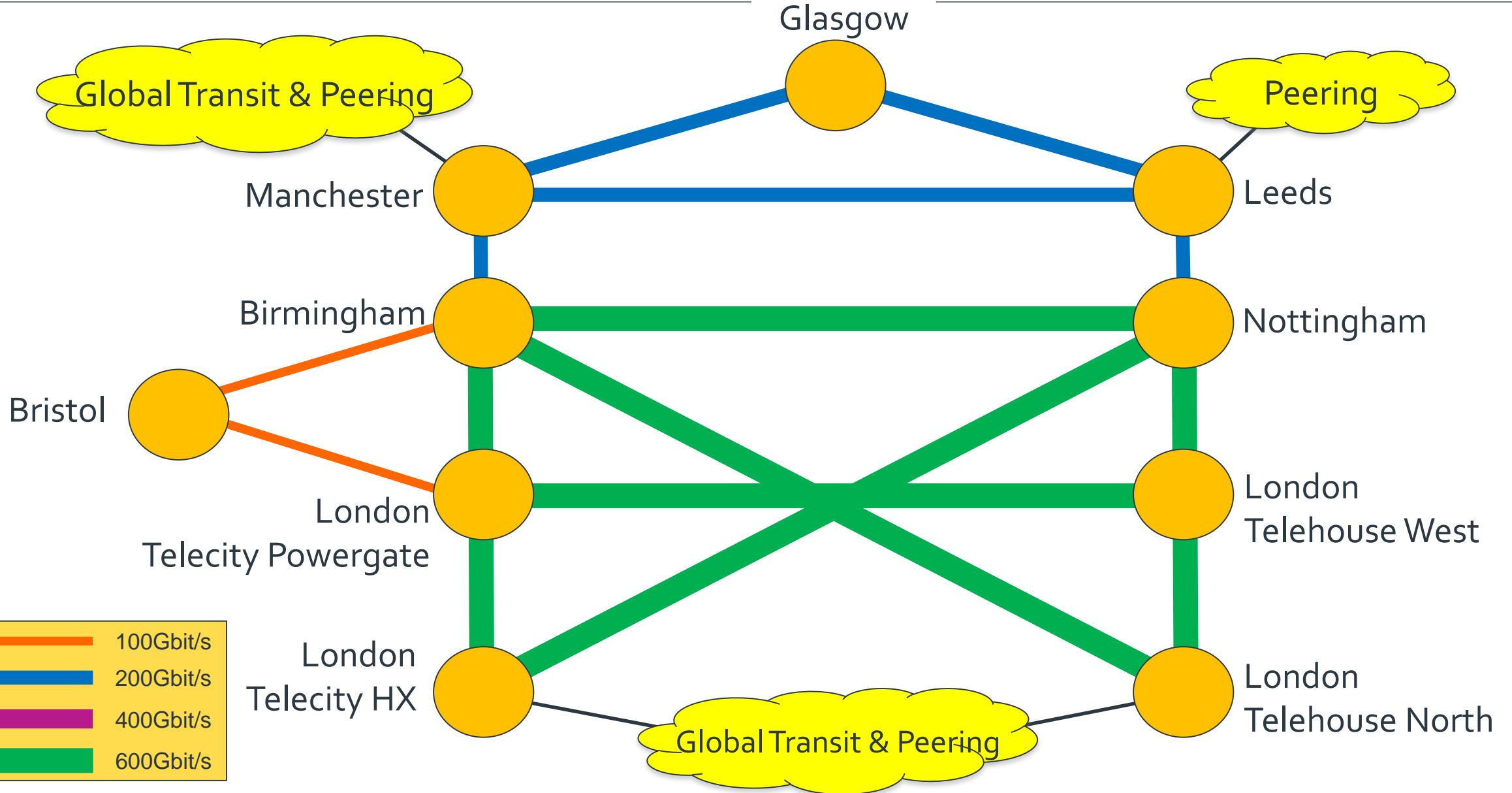
Streaming and video capture of lectures, and increased online interaction between students and teaching staff both on and off campus

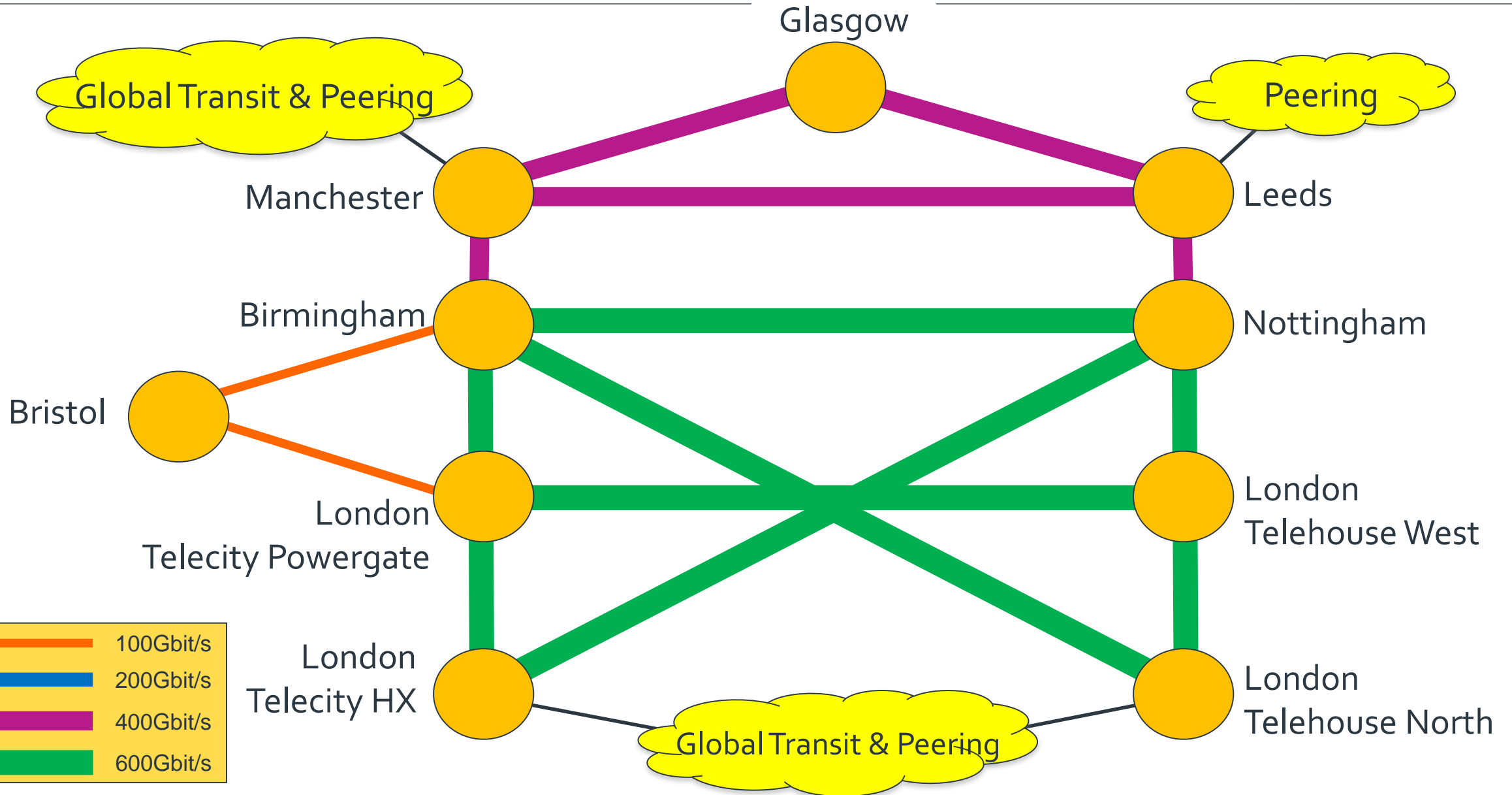
Increasing university & business collaboration

Focus on personalised learning, driving the gathering and analysis of large amounts of data









» 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

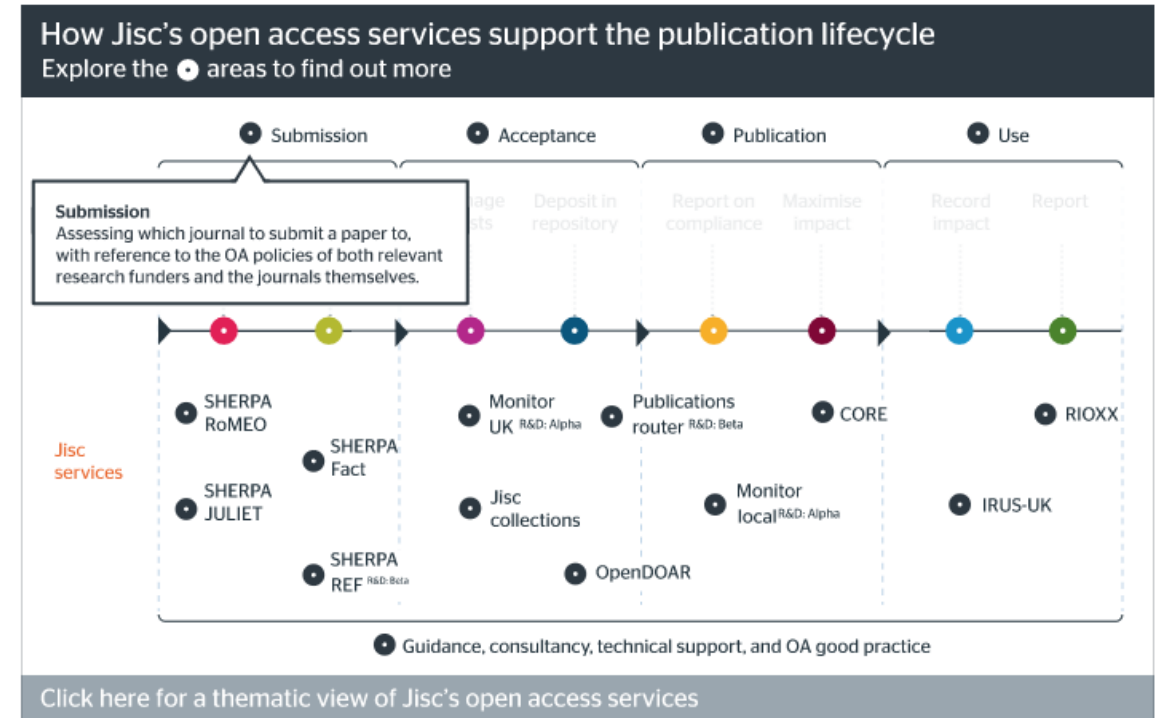
- Focus on providing functionality required by teaching staff to source and curate learning resources (dealing with barriers described)
- Content from Jorum being taken forward on new platform, circa 7000 rich open resources
- Open Content mixed with Paid for content – user decides what suits their needs
- 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

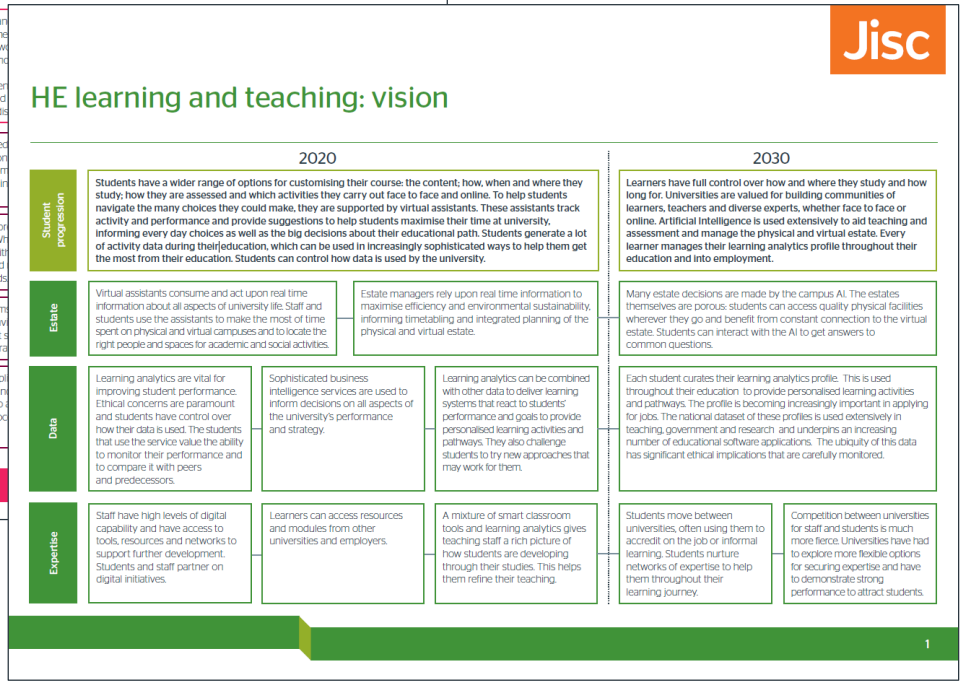
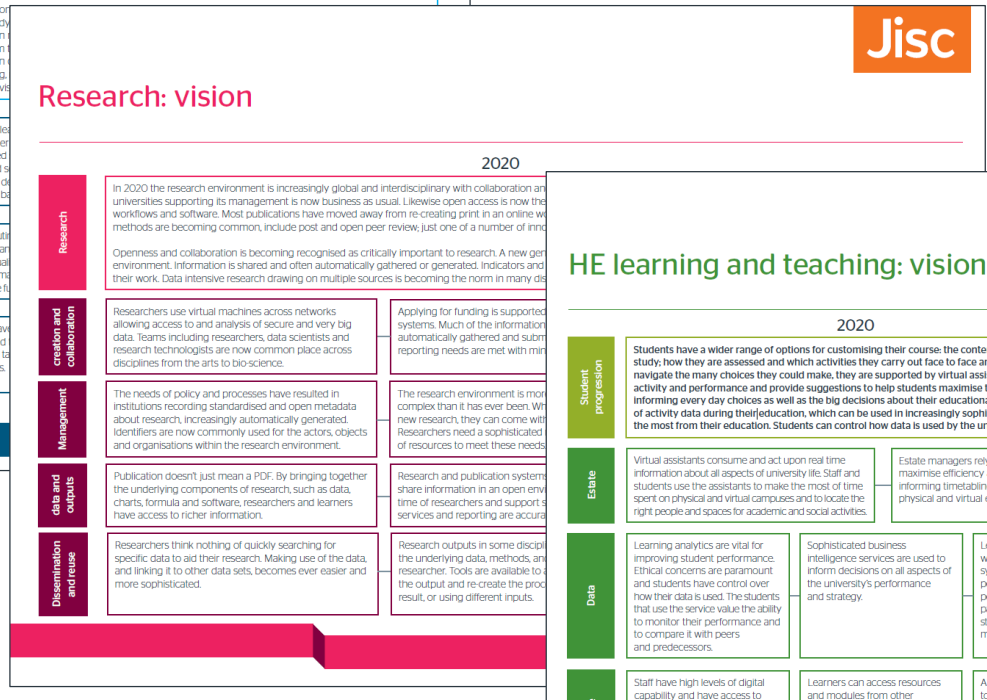
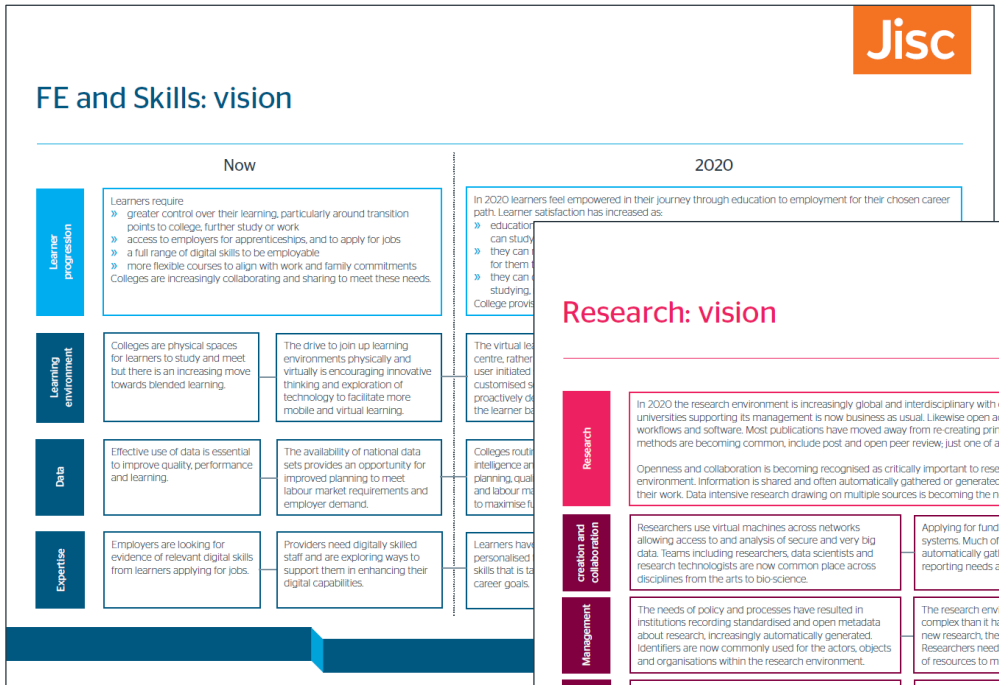


Neil Jacobs, Cluster Owner



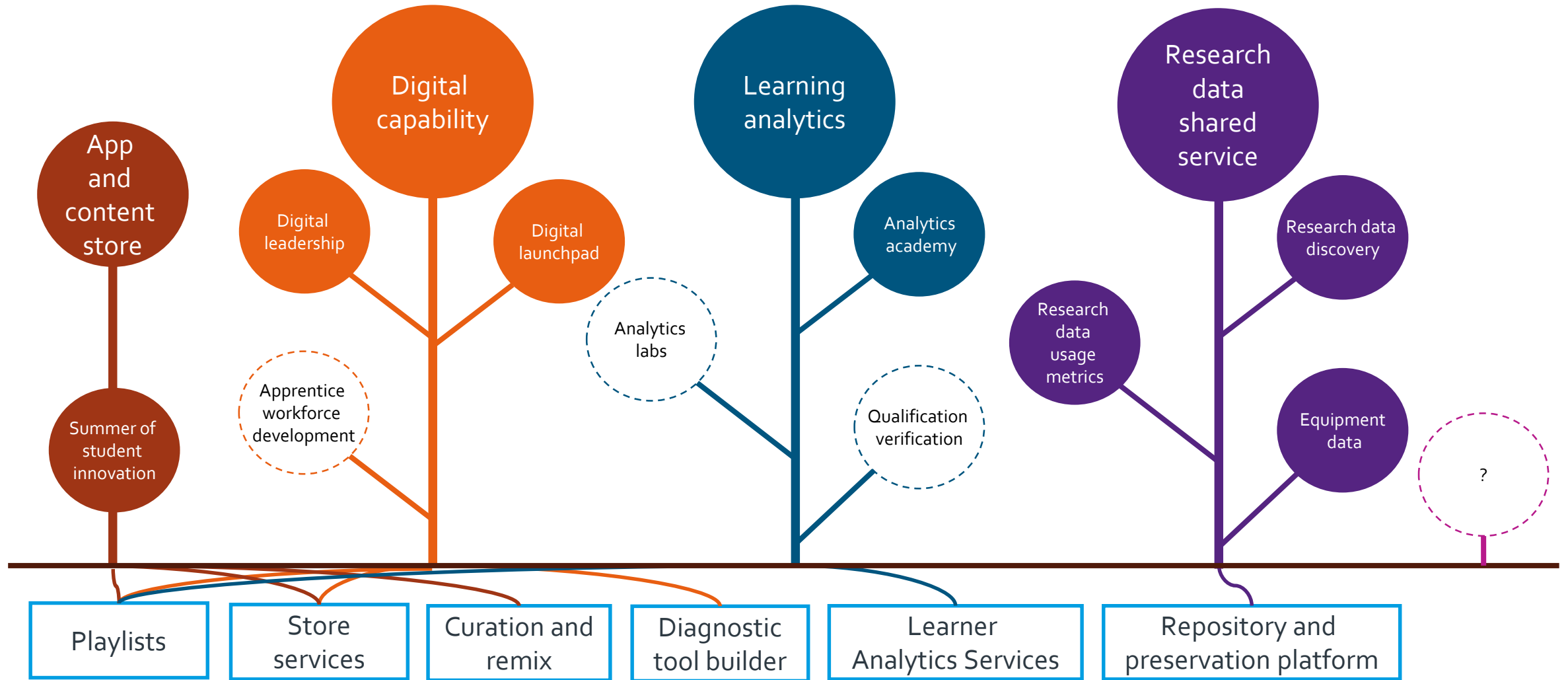
<https://www.jisc.ac.uk/content/open-access/our-role>

Co-design visions set the long-term direction



jisc.ac.uk/rd/how-we-innovate/co-design

The futures portfolio consists of three big areas



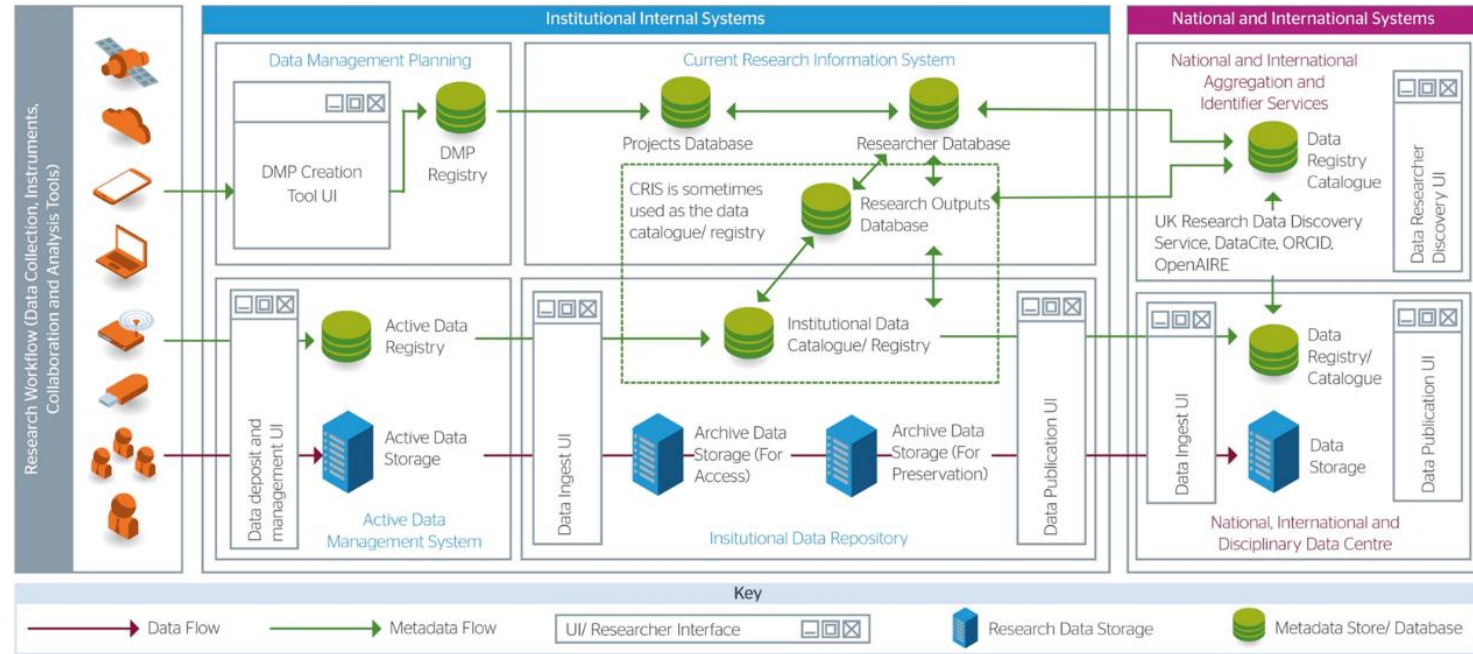


Research data
shared service

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.

Figure 2.1: 'Ideal RDM systems architecture'



Alpha
Sep
2016

Service
development
Dec 2017

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.

equipment.data


Enabling access to UK HE research equipment

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It's good to share!

Welcome to equipment.data, your one stop shop for accessing UK wide HE research equipment. Use this searchable database to locate a piece of equipment or facility within your own or at another institution. equipment.data could be your starting point for some valuable collaborations.



Icon: CC2.5 Oily Holovchenko, 2013 <http://handdrawngoods.com>

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.



The screenshot shows the IRUSdata-UK website. At the top, it says "IRUSdata-UK". Below that, there is a "Welcome to IRUSdata-UK" section. The text explains that as sharing research data becomes more common, understanding the levels of data use are important to funders, institutions and researchers from both an impact and a financial perspective. It mentions that download metrics represent one element of this valuable information and that they have been working on identifying reliable ways of recording data downloads. It also states that they have created the IRUSdataUK pilot, an experimental service currently in the alpha phase of the release life cycle based on established Jisc IRUS-UK technology.

IRUSdata-UK: aim

- Enable UK data repositories to create/share/expose usage statistics based on a global standard . COUNTER (projectcounter.org/)
- Statistics are produced on the same basis as scholarly publishers, following the COUNTER Code of Practice for e-Resources
- Raw download usage data is filtered to remove robots and double clicks
- So statistics are: Comparable, Reliable, Trustworthy, Authoritative

You can find out more about IRUSdata-UK by visiting our [Jisc Research Data Metrics page](#).

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>

The screenshot shows the 'Research Data Discovery Service (Alpha)' website. At the top, there is a navigation bar with 'Jisc R&D' on the left and 'Email Feedback' on the right. Below this is a main header with the title 'Research Data Discovery Service (Alpha)' and a navigation menu with 'Datasets', 'Organisations', 'About', 'Reports', and 'FAQ'. The 'Datasets' tab is selected. The main content area features a 'Filter by location' section with a map of the United Kingdom and surrounding regions (Inner Seas, Glasgow, North Sea, Belfast, United Kingdom, Ireland, Bristol Channel, Jersey, Belg, Lux). Below the map, it says 'Map data © OpenStreetMap contributors Tiles by MapQuest' and 'Organisations' with a dropdown menu showing 'UK Data Service (6946)'. To the right of the map is a search box with the text 'Search datasets...', a 'Search' button, and an 'Order by' dropdown menu set to 'Relevance'. Below the search box is a link for 'Advanced Search'. The search results section displays '14,628 datasets found' and a list item: 'Hourly automated weather station (AWS) data from Climoor fieldsite in Clocaenog forest in Clocaenog forest, NE Wales. It runs from 10/6/2008 until 31/12/2013, and...'. Below this list item is a brief description: 'This dataset contains hourly automated weather station (AWS) data from the Climoor field site in Clocaenog forest, NE Wales. It runs from 10/6/2008 until 31/12/2013, and...'

Beta Summer 2016
 Service development Early 2017



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



The screenshot shows the 'Application and resource store' interface. At the top, there is a dark blue header with the 'Jisc' logo on the left and 'ALPHA' on the right. Below the header is a purple navigation bar containing 'Search' and 'TagCloud' buttons on the left, and 'Sign in' and 'Help' buttons on the right. The main content area features a resource card for 'Technical Theatre'. The card includes a thumbnail image of two theatrical masks (one smiling, one frowning) with 'GET IT' and 'TRY IT' buttons below it. The title 'Technical Theatre' is followed by the subtitle 'BTEC Level 2 Technical Theatre apprentices.' and a detailed description: 'This is an example course that contains teaching materials which you can remix & reuse on your own course. Each section contains the teaching material, plus guidance notes on how you may wish to re-purpose it for your own needs. The resources on this site cover Units 1 and 9 of the course and are a mixture of activities, videos and self-marking quizzes. All of the resources are linked to specific learning outcomes and assessment criteria within Units 1 and 9 and they can also be used on mobile devices.' To the right of the card is a rating system showing a 4.5 star rating (4.5 out of 5 stars), '2 ratings', and '5 downloads', with a 'find out more' link. At the bottom of the card are several category tags: 'DIGITAL LAUNCHPAD', 'FE', 'MOODLE COURSE', 'THEATRE', and 'CREATIVE'. The 'FE' tag is highlighted.



