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Supporting the 'E' in NREN: Transnational Education

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Supporting the 'E' in NREN: transnational education (TNE)

- » An introduction to Jisc
- » Strategic importance of TNE
- » Jisc's TNE support programme
 - › TNE support strategy
 - › Market intelligence
 - › Development and delivery
- » Jisc's TNE vision

Our vision and mission

Vision

To make the **UK** the most **digitally advanced education and research nation in the world**

Mission

To enable people in **higher education, further education and skills** to perform at the **forefront of international practice** by exploiting fully the possibilities of **modern digital empowerment, content and connectivity**

Jisc is the UK **higher, further education** and **skills** sectors' **not-for-profit** organisation for **digital services** and **solutions**



We...

Provide trusted **advice** and **practical assistance** for universities, colleges and learning providers

Negotiate **sector-wide deals** with IT vendors and commercial publishers

Operate **shared digital infrastructure** and **services**

Defining transnational education

Transnational education (TNE) is the provision of education for students based in a country other than the one in which the awarding institution is located

(Quality Assurance Agency, Dec 2013)

Type of TNE Activity *(Higher Education Statistics Agency):*

- » Overseas branch of UK awarding institution ('branch campus')
- » Overseas partnership
 - students registered at UK institution
 - students registered at overseas institution
- » Distance/online learning (may involve in-country support centre)

Benefits to the host country and the UK.....

- » Institutional international strategies
- » National reform
- » Growth of university and local economy
- » Global approach
- » Educational reach
- » Teaching partnerships
- » Curriculum development
- » Academic standards
- » Research collaboration
- » Brand and reputation expansion
- » Staff development and mobility
- » Student recruitment, 'halo effect'

..... and to the student

- » Employability
- » Access to UK education in home country
- » Mobility (both host and UK students)
- » Student experience
- » Improve English language skills
- » Develop understanding of other cultures

UK providers of TNE across the gulf states

UAE - Abu Dhabi	UAE - Dubai	Bahrain	Kuwait	Oman	Qatar
Strathclyde	Aberdeen Robert Gordon Bedfordshire Bolton Bradford Coventry CASS Business School Exeter Heriot Watt Leicester Liverpool London London Business School Manchester Manchester Business School Middlesex Northants Nottingham Oxford-Brookes Queen Margaret Sheffield Hallam Strathclyde Ulster	Bangor Strathclyde (CIC) <i>Royal College of Surgeons Ireland</i>	Wolverhampton	Bedfordshire Cardiff Metropolitan Central Lancashire Coventry <i>Dublin Institute of Technology</i> Glasgow Glasgow-Caledonian Hull Staffordshire Strathclyde University College London Wolverhampton (CIC)	Central Lancashire University College London

TNE support strategy

Jisc will help to enable its community to deliver its TNE activities within the global markets of interest.

We will achieve this by extending the Janet network to overseas locations through the development of new delivery partnerships and infrastructure, and by providing advice and promoting opportunities for collaboration.

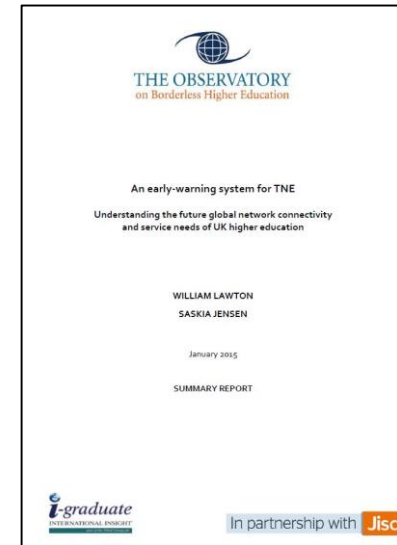
Where possible we will leverage existing assets as far as possible, and particularly those operated by other international research & education networks, but we will always select the most cost-effective and appropriate mechanism to meet our customers' needs.

Key findings

- » Planned expansion in next five years (>80%)
- » Models
- » Locations
- » Network use
- » Network issues
- » **Key issue:** communication and coordination between International and IT Offices in TNE planning and delivery
- » **Key issue:** Network arrangement and management: 'don't know'



THE OBSERVATORY
on Borderless Higher Education



% IT staff don't know

45%	how TNE is delivered at their institution
38%	their own network arrangements for partnerships abroad
44%	if network requirements and responsibilities are included in partnership agreements
24%	which aspects of TNE their network is used for
19%	if their institution manages its own IT operations abroad
31%	if their institution has procured connectivity from an ISP provider other than Janet
52%	which data-related problems have been encountered
57%	if their institutional risk assessments include IT infrastructure

Project#1

China: 'Global Partnership' Service

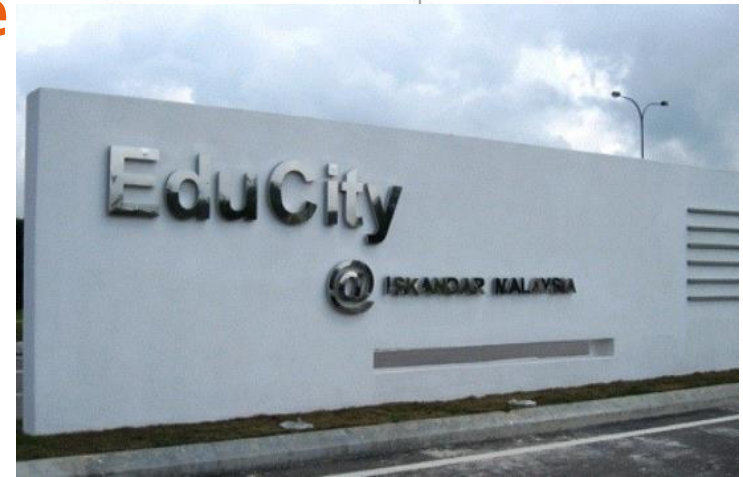
- » Preferred model, where possible, through strategic partnerships with research & education networks whose communities are active in transnational education
- » 'Strategic Alliance' agreed with CERNET, the Chinese Higher Education network, in December 2013, utilising the high-speed London-Beijing ORIENTplus connection
- » Strategic Alliance given access to increased bandwidth for international transit over the at no additional cost, resulting in better quality connectivity via CERNET
- » Working with universities of Bangor, Bradford, Coventry, De Montford, Edinburgh, Glasgow, Hull, Lancaster, Nottingham, QMUL, Reading and Westminster - mostly through partnership models, but also support for regional offices



Project#2

Malaysia: 'Global Connect' Service

- » Commercial ISP connections overseas procured and managed by Jisc - utilising Jisc's expertise in procurement for connectivity, contract negotiation and existing peering arrangements with the selected provider
- » Local MAN established in EduCity for universities of Newcastle and Southampton in 2014, Marlborough College to join in 2015
- » Good relationship with commercial ISP enabled negotiation of significant cost reduction for Heriot Watt, Putrajaya



Pilot Project #3

'Global Private Interconnect Architecture': University of Nottingham

- » Four physical global locations
 - › UK (Nottingham!)
 - › Ningbo, China (2005)
 - › Kuala Lumpur, Malaysia (1999)
 - › Semenyih, Malaysia (2006)
- » Requirements: secure, global resilient network across four sites
- » Jisc support to establish 'Global Interconnect' across sites to:
 - › Improve network arrangements
 - › Deploy Jisc services e.g. eduroam, telephony, v-scene
 - › Support, management, monitoring



Pilot Project#4

China Transit Service



- » Complementary to 'Global Partnership' and Jisc-CERNET Strategic Alliance
- » Benefits to off-campus students and staff in China to access VLE and other IT services based on Janet
- » Commercial solution with two of three Chinese ISPs
- » Pilot project with Queen Mary University of London November 2015 – January 2016
- » Focus on quality of delivery and student experience

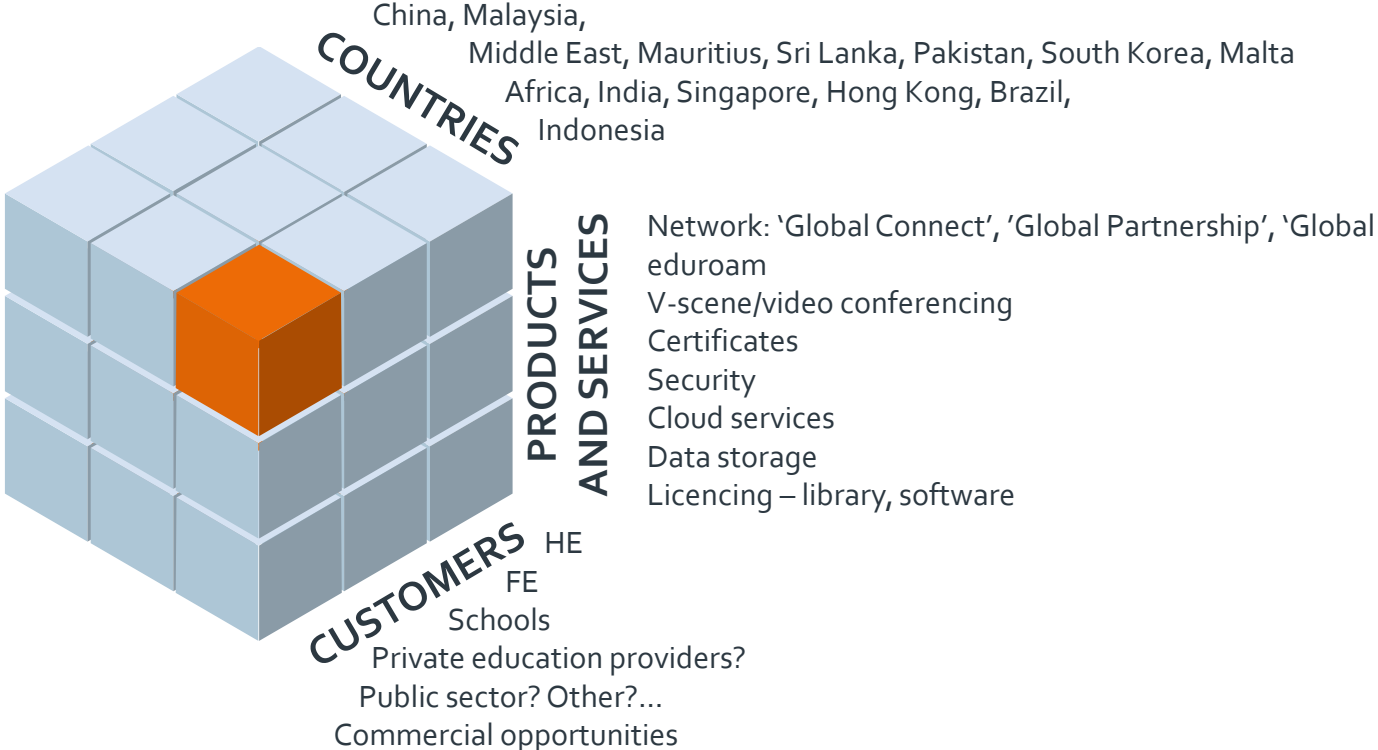
Pilot Project #5

Mauritius

- » Four HEI branch campuses (Aberystwyth, Middlesex, Central Lancashire and Wolverhampton)
- » Working with British Council and British High Commission in country and University of Wolverhampton Branch Campus Registrar
- » Exploring options:
 - › Access to government/public network
 - › Commercial ISPs
 - › Satellite
 - › NRENs and GÉANT



New opportunities




Future challenges

- » **Supporting the next generation of TNE** (e.g. new delivery models and services)
 - › Special Interest Group, TNE Toolkit, Community Workshop
 - › Support for monitoring, evaluation and assessment, student experience
 - › Online digital platforms, learning analytics
- » **A consistent model for overseas licensing** (software, digital resources)
 - › working across the Jisc group
- » **Supporting Further Education**
 - › Initiated work with Association of Colleges
 - › Focus groups, scoping of research

Enabling transnational education with global partners

- » For UK institutions and their overseas partners
 - › Provide trusted **advice** and **practical assistance** for universities, colleges and learning providers
 - › Understand host country infrastructure and technologies, developing appropriate options and building technology responsibilities into contracts
- » With global NRENs and through GÉANT
 - › Operate **shared digital infrastructure** and **services**
 - › Sharing best practice; develop new models and services to support TNE
- » With commercial suppliers
 - › Negotiate **sector-wide deals** with IT vendors and commercial publishers


Jisc Transnational Education Support Programme

Commercial in Confidence

Transnational Education Registration Form

REFERENCE	PS-TNE-REG-00X	
Summary of TNE arrangement		
Name of UK Organisation		
Name of Overseas Partner Organisation		
TNE Host Country and Location		
IS THIS INFORMATION COMMERCIAL SENSITIVE?	YES	NO
Collaboration Model <small>(E.g. Branch Campus, Partnership, Dual Degree, Online, Blended etc.)</small>		
Collaboration Partner		
Collaboration Start Date		
Party Currently Responsible for Network Connectivity		
Current Student Numbers		
Maximum Student Numbers and timescale <small>(from Collaboration Start Date)</small>		
CHINA ONLY		
Name of Chinese Authorisation Body ¹		

¹ CERNET, the research and education network (NREN) in China, will support TNE activities that are officially approved by a Chinese authorisation body, e.g. China Ministry of Education. By providing an authorisation code and the name of the authorising body this will be verifiable for Jisc/CERNET to take forward.

Jisc Transnational Education Support Programme
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General Enquiries
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Jisc Community Site
<https://community.jisc.ac.uk/groups/transnational-education-support-programme>

Jisc Website
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