

INCREASING OUR VALUE TO RESEARCH IN SCIENCE, TECHNOLOGY AND MEDICINE (STM)

"The British Library delivers material straight to the scientists ... we've built our system to interface with the Library's, to make the relationship as effective as possible."

Susan Cooper

AstraZeneca, Information Expert

FACT FILE

- **STM research dominates UK innovation**
 - 80% of UK research expenditure is used by STM
- **STM research is one of government's highest priorities**
 - Government is committed to capitalise on UK inventiveness
 - *DTI Innovation Report 2004* set out direct measures to raise the rate of innovation across UK
 - Greater cooperation is required between business, government and HE
 - The nation needs to increase record of knowledge transfer and exploitation by business
- **The British Library is recognised by government for the important role it plays in supporting scientific research in the UK***
 - The British Library is the *only* organisation with a statutory public good remit to collect, preserve and provide long-term access to research information for the *whole of the UK*
 - Over 80% of UK's top R&D scoreboard companies use British Library services
 - 75% of all new registrations for the Library's commercial services are from SMEs, 33% of which are engaged in R&D activity
 - Over 50% of researchers who use British Library services are STM graduates
 - Over 3 million scientific, business and patent items are consulted every year by STM researchers using British Library Reading Rooms at St Pancras
 - 33% of all reading room visits are STM related
 - 70% of all remote documents are requested by STM researchers.

* *Investing in Innovation 2002. A Strategy for Science, Engineering and Technology*

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SERVICES

- **Collection**
 - STM materials represent over 40% of the Library's total holdings
 - Approximately 50% of the Library's acquisition budget is dedicated to STM
 - Largest collection of patents and *grey literature** in the world
- **Information Supply**
 - Largest and one of fastest remote information supply services in the world including 24 hour electronic delivery and 2 hour turnaround
- **Research Support**
 - Customised services to customers' deadlines and budgets
 - In-house expertise in intellectual property, biology, chemistry, medicine, technology, legislation and market information
 - Patent searching workshops including trademarks, registered designs and copyright information
- **Customer Alerting Service – Inside/ETOC**
 - Integrated searching and ordering service available via www.bl.uk
 - Alerts researchers of new articles in their specific field
 - Monitors top 20,000 journals
 - Features database of over 20 million articles from 13,000 science serials, 7,000 social science serials and 120,000 conferences
 - Adds 8,000 new articles to database every day.

* unpublished materials eg. theses, conference proceedings, government reports

INITIATIVES

- **Innovation Centre (05/06)**
 - Being developed to support entrepreneurs and SMEs particularly those in the scientific and creative industries
 - British Library perceived as a credible, trustworthy and impartial resource
- **SME Web Portal (Q3/04)**
 - Being developed to enable easy searching and access to Library materials including electronic delivery, on a pay-per-view basis
 - Phase One will focus on scientific, technical and medical documents
- **Resource Sharing and Collaboration**
 - In discussion with regional cultural and library networks to incorporate the SME Web Portal into the People's Network
 - Initiated highly constructive discussions with the LDA, DTI, HEIs, business advisors (eg. Business Links), business and trade associations to refine and promote the Library's proposed Innovation Centre
 - Increasing collaboration with leading STM publishers to provide fast electronic access to a large aggregated source of content via secure electronic delivery
- **Digital Preservation**
 - The *Legal Deposit Libraries Act 2003* extends the British Library's statutory requirements to e-materials
 - Joint founders of Digital Preservation Coalition with JISC
 - Joint participants in UK Web Archiving Consortium
 - Creating digital infrastructure to ensure preservation of scholarly materials generated in digital form
- **The British Library is leading a major initiative to develop an in-depth 10 year plan for STM.**