DBC
– VI FORMIDLER VIDEN

# DBC 2009

# Contents

# Introduction

The year 2009 was characterised by DBC's great engagement in the Open Library Strategy. The cooperation with ÅKB and KKB regarding the Ting project (a data repository) and OpenSearch was and is still a good example of how partnerships and user influence enhance development and innovation. The first open source software was launched in a beta version in 2009. 2009 was also the year where the Danish libraries, through DanBib, became visible in WorldCat – the world's largest shared catalogue. Moreover DBC's commitment to the sale of The Museum System (TMS) in the museum sector has borne fruit with a hosting agreement with The Danish Arts Agency as to the operation of TMS and TMS is expected to be sold to the museum Arken and the Palaces and Properties Agency in 2010.

# DBC's vision

We ensure that knowledge is relevant and readily accessible when and where the individual citizen needs it. We cover every facet of library and IT know-how and development resources, enabling us to deliver solutions that structure and communicate knowledge.

A great deal of the knowledge that is relevant to the user is only found when a connection is created between different information channels. Our strength lies in organising information using a unique combination of core competences. We produce solutions that bind knowledge together between different players:

- As library experts we describe and index contents so that users can find the relevant information.

- As IT specialists we bind together knowledge in different systems by using open source and interfaces based on open standards and we develop the infrastructure into which the information is to flow.

- As communicators we describe and present knowledge in such a way that it is not just accessible but also comprehensible and usable.

We support the efforts of libraries to strengthen the knowledge society by developing new knowledge products and expanding their IT infrastructure. Together with the libraries and in various partnerships we develop products and services requested by the libraries and the library users and we also deliver knowledge products and solutions to other public, knowledge-based institutions and businesses.

# The business in general

The great challenge of DBC is to further develop the IT infrastructure of the libraries in a service-oriented IT architecture. DBC has referred to the Open Library Strategy as the guiding principle for this development which will ensure an efficient and automated workflow. Furthermore the modular concept will make it possible for the individual libraries to compose

the desired library solution. The software developed will also be available as open source which enables the local libraries to further develop the software according to their own requirements. Moreover the libraries and other interested parties may buy functionality and contents as services for integration into their own user interface.

The first steps towards this have been taken by way of DBC Data Repository and OpenSearch and more projects will follow in 2010. The aim is to have all DBC products migrated to a service-oriented architecture.

## Partnerships

DBC makes a point of partnerships where DBC's special competencies are supplemented so that libraries, schools, colleges, universities, museums, etc. gain more advantages in terms of quality, content and productivity increase.

In 2009 DBC worked in a number of partnerships which have enhanced DBC's product offers:

- DBC participates in a development partnership with libraries in Copenhagen and Aarhus municipalities about the development of a shared communication platform based on open source. A beta version of the data repository has been launched and the goal is for the data repository and the search function to make it possible for the library users to perform a joint search in the physical and virtual resources just as collective communication of this is rendered possible.

- Due to the increased interest in OLS, DBC will set up a user group within the various library segments in 2010 to establish maximum user influence.

- Development cooperation with the State and University Library about DanBib as a genuine shared catalogue. This type of joint library infrastructure projects are DBC's core activities and the partnership with the State and University Library enhances further development. Another infrastructure project together with the State and University Library aimed to increase the recognition of the Danish libraries in WorldCat via bibliotek.dk. The project was realised and ended in 2009.

- In 2009 DBC became a member of the library consortium "Libraries play online" with responsibility for establishing a distribution platform for games online. The platform is expected to be launched in March 2010.

- The continued partnership with the Danish Film Institute regarding the further development of "Filmstriben" has resulted in an increased access to more films in 2009, including feature films and remote access for the library users.

# Projects in 2009

## Open Library Strategy (OLS)

OLS is the term that describes the strategy used by DBC for a couple of years in connection with the development of DanBib – next generation. The key points in OLS are the use of open standards, the implementation of a general Service Oriented Architecture (SOA) and the development of software based on open source.

The new architecture will render it possible to make all the individual sub-functions within DanBib and part of DanBib available as independent services. The individual services can be mixed and matched and combined with elements from other library systems to form a whole, serviceable library solution. The vision is for the combined service complex to set the standard for the library system of the future in terms of both functionality and technology. Within the individual services, requirements that are special as to public, research and education libraries are considered.

### OpenSearch
The main activities of the project have been to develop supplies during the period to the TING partnership with libraries in Copenhagen and Aarhus municipalities and the new national children's site Pallesgavebod.dk. Copenhagen and Aarhus have released their new websites based on TING (data repository and OpenSearch) in December 2009. Pallesgavebod.dk will be beta released in March 2010.

The OpenSearch development results were released in a beta version in September 2009 and will after a period with operating hardening and robustification be offered widely as a product with the designation DBC Data Repository to the libraries in the middle of 2010.

Tenders for DEFF are requested with a data repository for e-articles and e-books. DBC was pre-qualified together with the State and University Library. The type of tender is based on a competitive dialogue which will take place in the first half of 2010.

Other possible consortium applications of the DBC Data Repository are Netlydbog.dk which was approved in the consortium and also in a forthcoming merger between Netmusik.dk and Musikbibliotek.dk plus Spilogmedier.dk. Both possibilities will be discussed with the consortia at the beginning of 2010.

In 2009 the professional university colleges decided to aim at sector solutions in the library system area and have chosen a total OLS solution based on the DBC Data Repository.

### OpenRS
The project has been running throughout 2009 and still works as planned on developing services to replace the present inter-library loan structure in DanBib. All services are expected to be ready in the first quarter of 2010. During the second quarter of 2010 the service will be

provided with a user interface and put into operation in DanBib. During 2010 the new services will also replace the inter-library loan module just as it will function as a replacement for the inter-library loan module in a local library system.

**OpenAcquisition**
The project will develop services for replacing Material Selection on Netpunkt. In 2009 there were a number of workshops with selected research and public libraries and specifications were prepared.

**OpenNetpunkt**
The project will currently integrate new services to replace the existing infrastructure in DanBib. At the moment focus is on services from OpenRS. In 2009 service descriptions of the individual services in OpenNetpunkt were made. In the next stage Netpunkt will be further developed in order to be used together with services in a local context and also to be used by the library staff as an interface for both the shared catalogue and the local catalogue. According to the plan OpenNetpunkt will replace the search client for Integra during 2010.

**OpenCatalog**
The DEFF project "DanBib as a genuine shared catalogue" has provided input to the project which will be initiated in 2010 for real. An important factor is that a decision was in principle made regarding the fact that the goals of the projects for the next version of the DanBib base will be sought realised in DBC Data Repository technology and not the present DBCLib technology.

**Open standards**
The aim is that all components, services and data should be based on standards that are well documented, accessible to the public and maintained on open forums without financial, legal or political restrictions. Standards are already a basic term to DanBib. However it will involve an increased performance within development and implementation of SOA in DanBib, bibliotek.dk, etc.

**Open Source**
Open Source is business-oriented software that gives access to the source code free of charge and permits the further development and distribution of changes based on the source code (free software or open source). Specific rules have been defined about ownership and access to the source code as well as rules for further distribution and redistribution of the code.
The aim is to combine the strategies of the libraries and DBC to make them more powerful and effective. DBC wishes to establish long-term development cooperation with customers and partners on relevant current and future platforms where an increasing number of projects are being developed in open source. A successful example relating to this is the TING partnership with KKB and ÅKB. In 2010 an Open Source Community will be established and facilitated where all parties will have the opportunity to contribute to the process.

**DanBib**

A large part of the development activities has been centred on renewed development of DanBib in accordance with the Open Library Strategy, i.e. the development and implementation of data, services and functionality in a service-oriented architecture (SOA) the development and use of open standards in all data formats and services, as well as the release of DanBib components as Open Source.

*New Netpunkt*

After a long test period Nyt Netpunkt was finally launched in April 2009 where the libraries tested and commented on the functions. The most important news was:

- work matching of records so you get an overview of all versions and types of material of a work in one display

- the possibility of designing how your own display formats will look like

- more links in the records: Continue search on the Net, More information about the author

- a possibility to browse through the subject list

- feeds from searches in DanBib

- import to RefWorks

- display of results from other bases on Netpunkt together with the search result in DanBib

*Cooperation with OCLC on WorldCat*

In December 2008 an agreement between OCLC and DBC about data reuse was made. DBC's work with the implementation of the agreement was coordinated with the matching DEFF project where the Danish Agency for Libraries and Media, the State and University Library and DBC form the steering committee.

In April 2009 the reuse of catalogue records from WorldCat was opened through Netpunkt and Zpunkt. The libraries search in WorldCat and convert the records on-the-fly to danMARC2.
In 2009 the Danish Libraries reused 6,233 records from WorldCat and the normal annual reuse is expected to be between 10,000 and 20,000 records.
The other part of the job in 2009 was to export DanBib to WorldCat. The work was finished in December 2009. OCLC has handled 13.9 million records from DanBib of which 7.6 million was entered WorldCat as new records. All records have location to bibliotek.dk. Moreover 10 research libraries, including the State and University Library and the Royal Library, have decided to make their own locations directly available to the other libraries in the international inter-library loan cooperation.

*DanBib as a genuine shared catalogue*

After a small pilot project in 2008, a new project was established in 2009 where also the State and University Library, the Royal Library, Roskilde University Library, the Danish Agency for Libraries and Media and DBC participated. Various scenarios describing the possible levels of

the cooperation from choice of material to cataloguing, including direct cataloguing to DanBib, were prepared. Moreover studies documenting the possibility of catalogue enrichment to the delight of the users were carried out.

All in all the new project suggests that cooperation is the way to a better catalogue with lower costs. Therefore the project group has initiated a debate, partly in DF-Revy and partly on a blog about the catalogue cooperation (katalogsamarbejde.wordpress.com) in order to introduce the result to the employees of the research libraries. To mark the wider aim, the project has changed name to SACS – Selection Acquisition and Cataloguing Services.

*Operation of DanBib*

DanBib's quality objectives include response time measurements, measurement of operational efficiency, database updating, and registration time with DBC. Users can find information about these measurements on [www.danbib.dk](http://www.danbib.dk).

Response time problems have occurred in DanBib and on Netpunkt which have been improved by DBC. DBC will continue to improve this in 2010. We have realised two service windows, viz. days with planned shutdown in order to carry out large system renovations and changes.

See also DanBib's ratios in the end of the report.

**Bibliotek.dk**

In 2009 a number of important development projects were carried through in bibliotek.dk. One of the projects has lead to the possibility of checking loan status from one's local library on bibliotek.dk and thus be able to renew or cancel a loan through bibliotek.dk.

In 2009 it became possible to report material on bibliotek.dk by adding a comment and a star to the records. Ranking by way of a star and user comments reflects the new focus on data created by the users on bibliotek.dk.

This also applies to a beta version of the functionality which makes it possible to see what other borrowers who have borrowed the same material have borrowed – as an inspiration to the users of bibliotek.dk.

In 2009 access to additional contents has been linked to a number of records in bibliotek.dk. Articles from Den Store Danske Encyklopædi are searchable with links to the article through bibliotek.dk. There is moreover access to articles and reviews with Infomedia through bibliotek.dk if the individual library has made an agreement with Infomedia.

On bibliotek.dk there have been some problems with the response time which DBC has improved and will continue to improve in 2010.

**Standardisation**

DBC takes an active part in the development and implementation of standards, both nationally and internationally.

Standards are a decisive element in DBC's OLS development strategy.

DBC is the vice-chairman of the Bibliographic Council, which, among other things, makes recommendations to the Danish Agency for Libraries and Media in matters of principle relating to library catalogues and national bibliography issues.

Under the auspices of DanZIG, DBC has in 2009 participated in formulating standards and guidelines for inter-library loan cooperation, accessions and use of xml in data exchange.

As part of Danish Standards' Committee for Information and Documentation (S24), DBC is the chairman of the Technical Inter-operability sub-committee and participates in the Identification and Description sub-committee. Sub-committee members assist with technical expertise in the development and review of international standards in ISO TC 46 and have taken the initiative to establish several international standards, including ISO 25577 (MarcXchange), which was published in February 2009, and ISO 28560 (RIFD in libraries), which should be ready for publishing in 2010.

At Scandinavian level DBC participates in SVUC (Scandinavian Virtual Union Catalog), cooperation between Scandinavian shared catalogues based on standards.

## Distribution of digital content

### Filmstriben (Streaming film online)
You can watch 600 short films and documentaries of Filmstriben at the library and for educational purposes in school. This offers a lot of possibilities when it comes to making the library experience more exiting for both children and adults. All films are of high quality and the productions are supported by the Danish Film Institute which is also DBC's cooperative partner in connection with Filmstriben.
At home in front of the computer or flat screen the borrowers have access to view a film of good technical quality. You have access to the film for 24 hours per view. In 2009 200 films, good feature films, short films and documentaries were ready for borrowing at home. 35 municipalities connected to remote access during the first six months of 2009. Filmstriben has got a lot of positive publicity in newspapers and other media during 2009. Approx. 70 public libraries subscribe to remote access and the number of views has almost tripled. In the beginning of 2010 the consumption was increasing after Filmstriben received press coverage on national TV.

### Spilogmedier.dk
In 2009 DBC joined the library consortium "Libraries play online", a library consortium, where DBC provides games and the libraries provide reviews and knowledge about games on a joint site, spilogmedier.dk. In 2009 DBC entered into an agreement with game producers and producers of language courses and edutainment for children. In 2009 DBC has developed and established an online distribution platform which will be launched in March 2010. The platform is to enable library users to download a game or a language course to their own computer. With this type of online distribution you may also avoid some of the problems related to copyright issues which may otherwise make the games ill-suited for library loan.

**Ebog.dk**

The market penetration of ebook distributions has been long here in Denmark – one of the reasons is missing contents and ebook readers. At the turn of the year 2009/2010, DBC sold ebog.dk to Publizon which will continue the activities.

**XPO (a wide screen exposure of news in libraries)**

At the end of 2009 DBC discontinued the development of XPO and stopped the publishing of Sirpa news to libraries, schools and citizen service centres at the turn of the year. This was due to the large project delays in connection with the further development of Sirpa. The original targets of DBC regarding the development of XPO were to combine the best from Infogalleri and Sirpa and thus offer a strong communication platform for the libraries. Today the data repository technology and the open source based content management systems represent a realistic and competitive alternative to the closed systems. Therefore DBC will start a pilot project in 2010 the purpose of which is to uncover the possibilities of utilising the data repository technology to create an infrastructure for the communication of content of the libraries.

## The Museum System

At the turn of the year 2008/2009 DBC entered into a partnership with Gallery Systems in connection with the sale of The Museum System (TMS) and eMuseum to the Scandinavian museums. DBC has focused on establishing conditions for the sale of the systems through installation of the systems on DBC, training and in-house instruction of the DBC staff members.

As a parallel to this, a translation into Danish of version 2010 has been made which will be released in the beginning of 2010 and set-up of hosting solutions, support and training have moreover been introduced.

Together with the Heritage Agency of Denmark, DBC has developed a conversion program between TMS and Regin (the national database of museums collections) which is the central database of the museum collections. All government and state subsidised museums are liable to report a registration of their collections to Regin.

In the spring of 2009, DBC held information meetings with current Danish customers and potential customers regarding TMS and the interest has been great as to DBC's sale of TMS and related services. However it takes more time than presumed to introduce a new product on a new market.  In 2009 DBC made an agreement with The Danish Arts Agency on hosting of TMS and several museums want to acquire the conversion program between TMS and Regin.

Furthermore DBC has communicated with many museums by way of presentations and exhibitions at a number of museum and archive conferences during 2009.

## Hosting

For a couple of years, DBC has provided hosting services for a number of libraries and education institutions using the Integra library system. A number of public libraries with the library system DDELibra have shown interest in DBC's hosting service in 2009.
In 2009 DBC made an agreement with The Danish Arts Agency on hosting of TMS, a service which DBC also offers to the museums.
In connection with the supply of data repository and other services to Copenhagen Bombay for the set-up of Pallesgavebod.dk, an agreement on the hosting of Pallesgavebod.dk on DBC has been made with the Danish Agency for Libraries and Media.
In 2009 DBC also hosted Ebog.dk and the IT operation of Biblioteksmedier.

## Consultancy services

DBC offers its competencies within a number of areas in the form of registration, structuring and search services. DBC's sale of competences is aimed at companies and institutions with a high level of knowledge production and communication.
In 2009 DBC started a working relationship with the consulting firm Convergens about the information structure services in connection with the Enterprise Search solution. A working relationship was also initiated with Attention Solutions which sells the image database Canto Cumulus. The cooperation is about Digital Asset Management where DBC offers registration of image and media files.
In 2009 the Danish Agency for Science, Technology and Innovation received consultancy services from DBC in the form of quality control of the bibliometrics measurements.
In 2009 DBC delivered cataloguing services to Novo Nordisk and Roskilde University Library.

## Dialogue with the customers

### Events
In January 2009 three DanBib meetings were held which were well attended by the libraries. The meetings were held in Aalborg, Vejle and Ballerup and the subjects of the meetings were: cataloguing with focus on the end user, including proposals for changes in DBS's cataloguing practise to make the information more user-friendly and to modernise the catalogue. Moreover status as to the registration of Net publications was provided. Information on DBC services and on Nyt Netpunkt plus other news in DanBib were provided.

In March 2009 DBC exhibited TING (data repository and Open Search) – a working relationship with the libraries in Copenhagen and Aarhus municipalities – at the annual meeting of The Danish Library Association. Moreover Filmstriben and XPO were exposed.

In November DBC participated in Bogforum together with the Danish Film Institute where visitors could test Filmstriben.

The museums are, however, a new associated target group for DBC as regards the sale of The Museum System. In April 2009 DBC held a conference about The Museum System (TMS) where current and potential TMS customers were invited. DBC has also participated in several museum and archive conferences in 2009.

The school libraries have also been focus area for DBC in 2009. At The School Book Fair DBC demonstrated Filmstriben and XPO and in September DBC participated in The School Library Consultant Conference in Svendborg.  Furthermore DBC participated in a couple of school library meetings for the purpose of exposing XPO.

DBC was the primary sponsor at NextLibrary – an UnConference in Aarhus in June 2009. Here DBC contributed a workshop about partnerships where the Ting project was used as an example.

**The DBC Prize 2009**
In 2009 Ole V.G. Olesen-Bagneux received the prize for the best Master's degree thesis at the Royal School of Library and Information Science: Oubliarium. Library Utopia from the Middle Ages to the Future).  At the prize giving ceremony Specialist Consultant Lecturer Nan Dahlkild said, among other things: "The thesis puts the present development trends into perspective and also offers an in-depth understanding of these trends, etc. ... It is original contributions to the continued development of libraries and cultural dissemination and of the library and knowledge theory".

# Environmental considerations

DBC is an environmentally conscious business that works to create sustainable development with respect for the environment and natural resources. DBC constantly tries to prevent and reduce environmental impact by:

- using environmentally sound solutions where technically and financially feasible

- limiting the use and waste of energy, raw materials and other resources

- minimising the amount of waste produced by consistently implementing waste sorting and being recycling-minded

- demanding environmentally friendly products and services

- promoting openness, dialogue and cooperation on environmental matters with employees, customers, partners and suppliers

- complying with current legislation in the area as a minimum

In 2009 DBC prepared a new policy and action plan regarding the PC workstations where considerations as to use of resources, electricity consumption and efficiency when choosing PC workstations at DBC and at home were taken. The aim is to create an efficient workplace with good tools and also to support an environmentally conscious, green IT policy.

DBC wishes to contribute to an active climate action by considering the climate and energy in the daily work. Therefore it was natural to run an in-house environmental campaign in connection with the climate summit in Copenhagen. The purpose of the campaign was to focus on how the employees of DBC could help reducing the $CO_2$ emission and the energy costs. The response to the campaign was specific suggestions of how to reduce the heating and electricity consumption, e.g. by more conscious consumption of light.
DBC's consumption ratios are found at the end of this report.

# DBC's social capital

DBC assumes shared social responsibility as part of the efforts to create a labour market with room for all. DBC's joint consultation committee has drawn up a social index in recent years. The social index (www.detsocialeindeks.dk) is a method of charting the intentions of the business, efforts and results in a number of areas, including recruitment, dismissal, training, information and working environment.
The Danish Ministry of Employment is responsible for the method and ongoing follow-up on the initiative. Producing the social index also makes it possible to identify what needs to be done to achieve improvements. In future measurements will only be carried out every other year, next time will be in 2010.

**Measuring DBC's social index**

| 2004 | 2005 | 2006 | 2007 | 2008 |
|------|------|------|------|------|
| 67 | 68 | 67 | 75 | 76 |

Over a five-year period, there has been a significant improvement in the way the staff experiences DBC's social responsibility.
The social index is evaluated on the basis of the following scale:

| Points | Evaluation |
|--------|------------|
| 0-20 | The business does not assume any social responsibility |
| 21-40 | The business assumes social responsibility to a very limited extent |
| 41-60 | The business assumes social responsibility |
| 61-80 | The business assumes social responsibility to a large extent |
| 81-100 | The social responsibility of the business is world class. The business sets an example for other businesses |

# Key figures

## National Bibliography production

The following volumes were registered for the National Bibliography in 2009:

| National Bibliography (weighted registrations) | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| Dansk Bogfortegnelse (books) | 17,589 | 18,236 | 18,066 | 17,097 | 19,364 |
| Dansk Billedfortegnelse (visual recordings) | 4,479 | 3,062 | 3,578 | 3,787 | 4,885 |
| Dansk Lydfortegnelse (sound recordings) | 1,667 | 1,192 | 830 | 1,070 | 1,159 |
| Danske Musikoptagelser (music recordings) | 2,208 | 1,947 | 1,933 | 1,575 | 1,702 |
| Internet publications | 2,213 | 1,902 | 2,719 | 2,322 | 3,377 |
| Dansk Artikelindeks (articles) | 16,404 | 15,261 | 15,400 | 15,299 | 15,065 |
| Dansk Anmeldelsesindeks (reviews) | 2,268 | 2,085 | 2,086 | 2,039 | 1,875 |
| Record reviews | 657 | 713 | 681 | 551 | 508 |
| Total weighted registrations | 47,485 | 45,110 | 45,972 | 43,740 | 47,935 |

## Use of DanBib and bibliotek.dk

| Number of records in DanBib | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| (millions) | 25,2 | 26,5 | 28,5 | 29,5 | 31 |

| % change | +8.6% | +5.2% | +7.5% | +3.5% | +5% |
|---|---|---|---|---|---|

| Use of bibliotek.dk | 2005 | 2006 | 2007 | 2008** | 2009 |
|---|---|---|---|---|---|
| **Number of unique users per week*** | Approx. 63,000 | Approx. 69,000 | Approx. 88,000 | Approx. 65,000 | Approx. 64,000 |
| % change | +31% | +9% | +27% | - 26% | - 1.5% |

*Measured at the end of the year, i.e. week 48

** At the end of December 2007 restrictions were made to the access of index robots to bibliotek.dk which have affected the number of visitors.

| DanBib requests | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| (thousands) | 2,004 | 2,010 | 1,880 | 1,968 | 2,019 |
| % change | +8.2% | +0.3% | -6.5% | +4.7% | +2.6% |

*Measurement of automated requests started on 1 May 2007. 1.5.2007.

| Requests on bibliotek.dk | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| (thousands) | 1,383 | 1,410 | 1,276 | 1,384 | 1,472 |
| % change | +14.1% | +2% | -9.5% | +8.5% | +6.4% |

* The drop of orders from 2006 to 2007 is due to the fact that the 'bestil på værkniveau' was initiated in 2007. This means that more orders are passed on to the local system and thus inter-library loans are saved.

| Redirected from biliotek.dk to libraries | 2005 | 2006 | 2007 | 2008 | 2009* |
|---|---|---|---|---|---|
| (thousands) | 438 | 816 | 1,265 | 1,434 | 918 |
| % change | - | +86.3% | +55% | 13.4% | -36% |

* Measuring errors are fond which are being investigated.

## Environmental management

| Consumption of electricity, water and heating | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| Electricity KWh | 1,073,900 | 1,204,500 | 1,232,000 | 1,098,700 | 1,040,000 |
| Water in m3 | 1,672 | 1,297 | 1,366 | 1,209 | 1,248 |
| Water in MWh | 606 | 575 | 485 | 486 | 569 |

| CO2 emission in tonnes | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| Electricity | 583 | 654 | 669 | 597 | 565 |
| Heating | 218 | 206 | 173 | 174 | 203 |

| Waste in tonnes | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|
| Paper and cardboard (recycling) | 14.7 | 12.8 | 14.9 | 9.3 | 8.6 |
| Suitable for incineration | 21.0 | 21.2 | 17.4 | 20.4 | 17.5 |
| Total | 35.7 | 34.0 | 32.3 | 29.7 | 26.1 |

## DBC's financial statements

DBC's financial statements for 2009 will be published on www.dbc.dk in May 2010.