

**Søren Bitsch  
Christensen, Director  
Aarhus City Archives**

Vice-Chairman, Organization of Danish  
Archives

Secretary General of Section of Local,  
Municipal and Territorial Archives,

International Council on Archives

ICA, Workshop, Mexico, 2017

Digital co-creation: The  
Archive reaching out to  
volunteers, stake-holders  
and urban developers

comma,  
2015-2

INTERNATIONAL JOURNAL ON ARCHIVES  
REVUE INTERNATIONALE DES ARCHIVES

Archives, Access and Public Engagement  
Archives, accès et participation du public

- “Being a democratic institution means taking an active stance towards accessing archives in order to facilitate learning and development for everyone”.

*Swedish archivists Sara Grut and Maria Press*



How do we use the advantages and possibilities of digital archiving and communication to broaden the impact of the archive and attract more users and partnerships?

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# Technical requirements

- Open your archive system and let your data be transferable to others and to other websites:
  - A website that is open for external calls – to allow for external use of your data. Open API's.
  - License descriptions of all records held in your collection (Common Creative-system)
    - Full control of user-rights, copyrights and legal, physical and digital accessibility.
  - Permanent URLs
  - Allow for easy entrance for digital records in your online catalogue
  - Prepare your archive system so that you can add special tags, that can be used for filtering the content for exports or transfers.

# Collecting the records and stories of a department store

- **The case**; how do you supplement the business records of department store with the voices and stories of people?
- Stories and records were collected from staffs, managers and customers of a department store. **ONLINE and out-of-the-office collection.**
- These are mixed with records, attributed with relevant tags in the digital archive system of the City Archive.
- and transferred to a special website with the API.
- Designed product for a special user-group.

SALLINGARKIVET Sallinghistorier Udforsk arkivet Erindringer Om SallingArkivet

navne og så er det kun kontinuitetskole og andendagstøj det...

**Kunde**  
**Mette og julemanden (1972)**

Mette Høj Rasmussen kom ofte i Salling som barn. Ved jul sad hun på en trappe og ventede spændt på julemanden. Hun kom så ofte og mødte julemanden, at julemanden sendte et brev til Mette med en julehilsen og et billede...



**Medarbejder**  
**Tove i hatte og dameafdeling (1956-94)**

Tove blev ansat i Salling den 1. november 1956. Hun var blevet antaget af afdelingschefen for kjoleafdelingen, Sandvej. Hun havde været på tur til Aabenraa, og Tove var ansat i det firma, hun tidligere selv havde arbejdet i...



**Medarbejder**  
**Rita arbejdede 37 år i Salling (1961-98)**

Rita fik arbejde i lingeafdelingen efter uopfordret fremstøde på Salling's personalekontor. Hun arbejdede de første 11 år på fuldtid og derefter 26 år på deltid...



**Medarbejder**  
**Ingers karriere i Salling (1960-68)**

Inger Sanggård Nisted startede i Salling som piccoline i elevatoren og blev den yngste afdelingschef i teenageafdelingen...



[Vis alle Sallingminder](#)

SALLINGARKIVET

Forsiden Sallinghistorier Udforsk arkivet Erindringer Om SallingArkivet

Stormagasinet Salling's historie – fortalt med ord og billeder fra Aarhus Stadsarkiv.

**HISTORIE**  
**Salling gennem tiden**

Salling blev drevet og den 18. oktober 1906, hvor Ferdinand Salling skrev "Aarhus nye kvartals-Manufakturhandel".  
[Læs historien](#)



**Mest sete genstand**



**Andre ser på**



**Tilfældig genstand**



**Tilfældig erindring**



## Adding history to an urban development project

- **The case**; a grand scale transformation of a prior hospital area into dwellings – how can history enrich that process? How can architects and planners be informed of the history and relevant place identities?
- Captured records and oral histories from patients, staffs, and neighbours. **ONLINE and out-of-the-office collection.**
- Mixing the incoming records with records, attributed with relevant tags in the City Archive
- and transferring to a special website with the API.

fortalt med ord og billeder fra Aarhus Stadsarkiv.



Tilfældig genstand

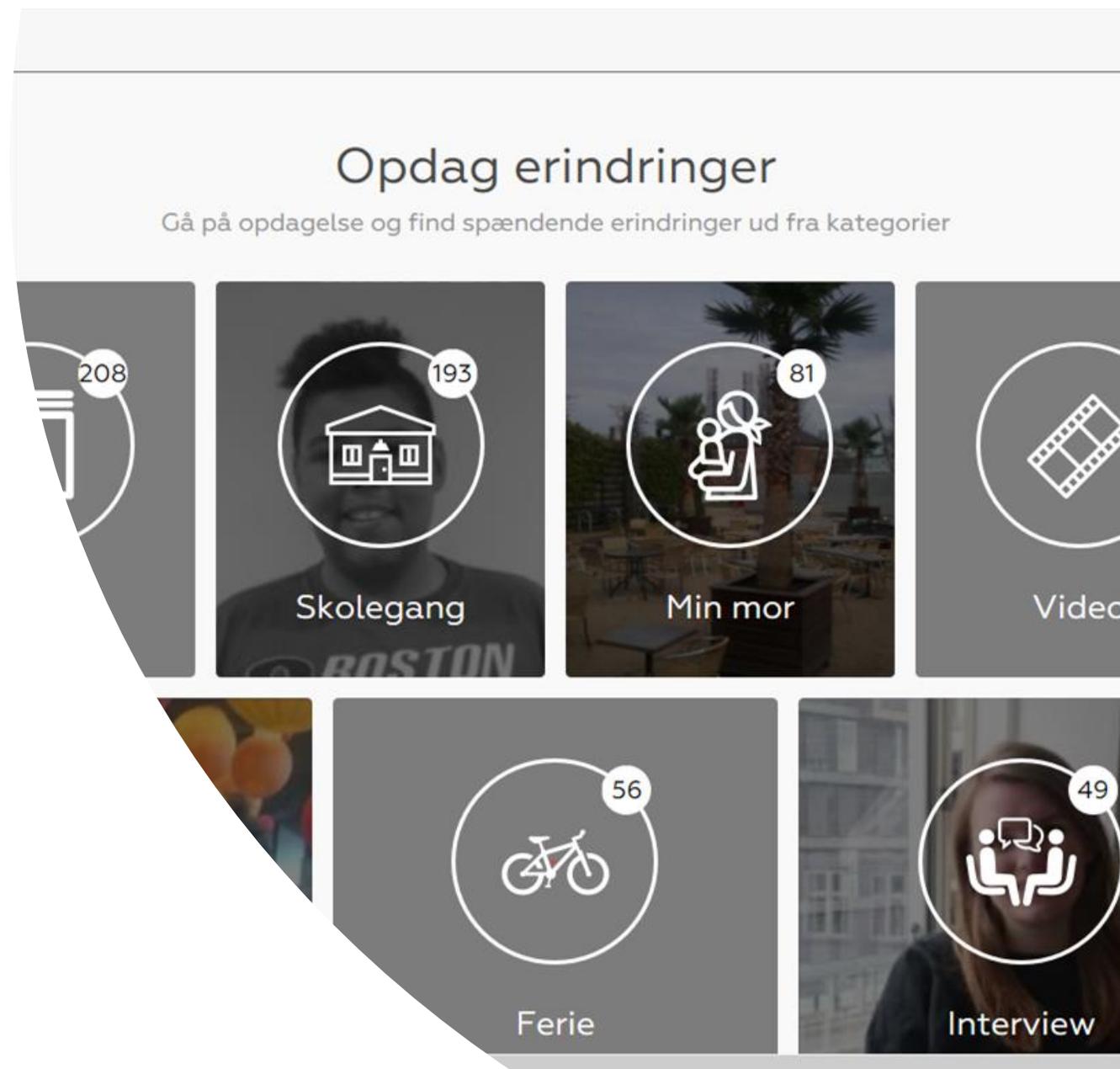


Tilfældig erindring



# Capturing life-stories

- **The case**; capturing digitally life-stories of citizens of all kinds in a relatively well-structured way. Informatics.
- Method; engaging citizens in using online thematic formulas to tell their story or tell someone else's story.
- Documents are first presented on the website and then transferred to the archive system and indexed.
- Great public interest. A co-project of all Danish local archives. 900 life-stories collected
- Part of Aarhus 2017 European Capital of Culture

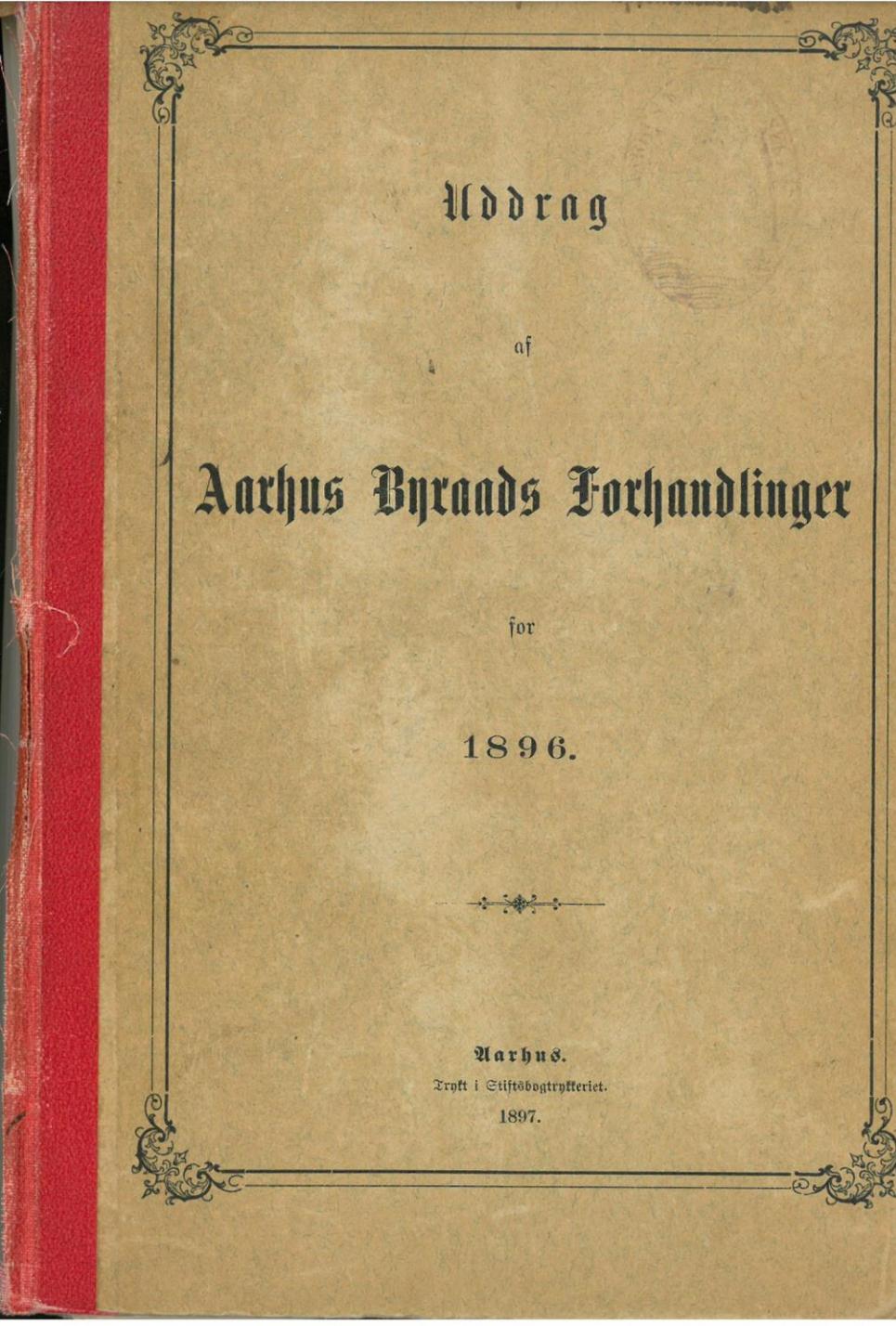


# Digital volunteering and Citizens Science

- **The case**; Archives have a special advantage thinking of the long-standing tradition for volunteering, that now is developing into digital citizen science or digital citizens archivists.
- People have competencies. How do we match these with the potentials of the City Archive holding the digital records?
- **A fruitful, meaningful and modern partnership**

# Digitizing and indexing printed minutes of Aarhus City Council (1866-1997)

- The case; making available city council's decisions and deliberations;
  - Linked to the archive's analogue and digital collections.
  - Used for contraction of central entities (individuals, organizations, and locations)
  - Will a 'digitization open up the archive'?
    - Ambition: to create a layer of narrative documents to raise awareness of the content of the archive.
- The minutes represent 65,000 file cases and 6,227 meetings
- **Volunteers:** transcribed and/or proof-read texts and annotated (marked) names of persons, organizations and locations.



Aarhus Byrådsarkiv  
 Indberet fejl  
 Send ændringsforslag  
 Bestil til læsesal  
 Hent i json-format

SKABER Aarhus Byråd (1869-)  
 ARKIVALIETYPPE Myndighedssag  
 ARKIVALIE ID 000181754  
 PERMALINK [www.aarhusarkivet.dk/records/000181754](http://www.aarhusarkivet.dk/records/000181754)  
 JOURNALNUMMER 246-1940  
 Sagen behandles på følgende møder  
[19400503B\\_19.pdf](#)

**Beskrivelse**  
 TEKSTINDHOLD Indstilling fra Skoleudvalget angaaende Licitationstilbud paa Centralvarmeanlæg i Skolerne i Valdemarsgade og Frederiksalld. Følgende Indstilling forelaa: Boilerrum og Hovedledning m. v. : H. Chr. Hansen & Co. for ... 26848,10 Kr. Centralvarmeanlæg i Valdemarsgade Aarhus Installationstørretning for 10902,80 " Centralvarmeanlæg i Frederiksalld O. Bendixen for ..... 14959,45 " Isoleri ...  
 ARKIVSERIE [1940](#)  
 ORIGINALE EMNER [Skole- og Undervisningsvæsen](#)  
     ↳ [Valdemarsgades skole](#)  
     ↳ [Frederiksalld's skole](#)

**Relationer**  
 STEDER [Valdemarsgade Aarhus](#)  
 TAGS [Bendixen](#) [Hansen](#) [Nielsen](#)

[Klik her for at åbne den oprindelige kilde](#)  
 (J. Nr. 232-1901)  
 Efter at Byraadet i Mødet den 28de Marts d. A. (se Sag Nr. 403 - 1900) havde besluttet at lade opføre en Brandstation paa Hjørnet af ny Munkegade og Tunøgades Forlængelse, havde Brandkommissionen ladet Arkitekt Kühnel udarbejde Planer og Overslag til en saadan Bygning, der herefter var beregnet at ville koste ca. 19.000 Kr. Samtidig hermed forelaa to af Brandinspektøren udarbejdede Projekter med Overslag lydende paa henholdsvis 13.000 Kr. og 16.500 Kr. I samtlige Beløb er indbefattet 5000 Kr. til Arealets Afgravning og Brolægning m. v., hvorimod intet er beregnet til Pladsens Indhegning, der var

STADSARKIVET Aarhus Kommune  
 Dette dokument er fra [www.aarhusarkivet.dk](http://www.aarhusarkivet.dk) Side 1 af 5

anslaaet til ca. 1000 Kr.  
 Da Byraadet maatte anse Arkitekt Kühnels Plan som den mest formaalstjenlige, vedtog man at anmode Brandkommissionen om at foretage det yderligere forarbejde til Omfærdiggørelse af

Gem og del filer i Document Cloud  
[Få mere at vide](#)

Each case or agenda item from the city council opens in a separate document, with tags that generate automatic searches in the full digital archive register

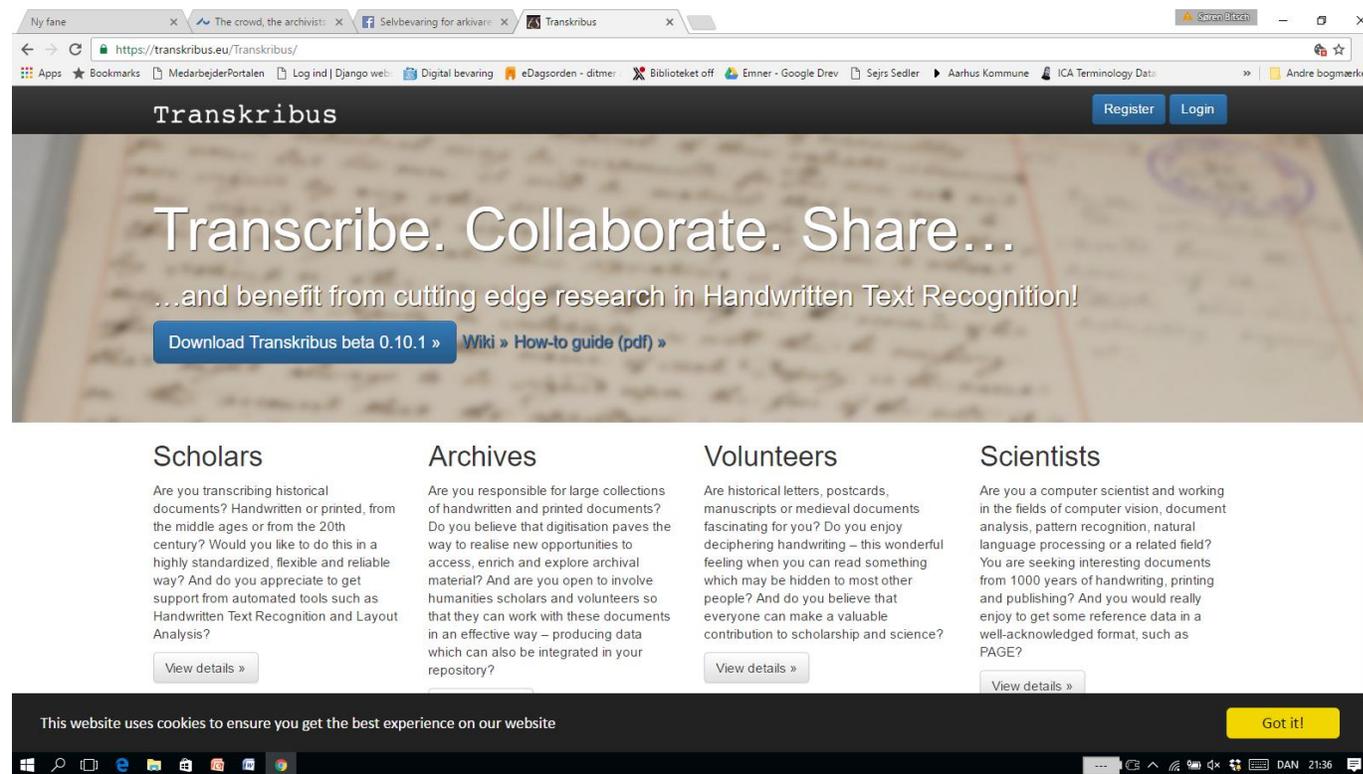
# Transkribus, An EU-financed project

## Machine-learning and text recognition

- More specific: develop software that can read and structure handwritten text.
- Success rate depends on the quantities of recognized documents (and many more factors...)
- Involving digital volunteers to digitize a critical amount of Ground Truth material (transcribed documents to be used as reference for automatic recognition)

RETRO – digitization and indexing of parish council protocols and city council minutes from all DK in collaboration between volunteers and archives.

Data will be transferred to the participants for these to produce their own digital environments to make use of the sources as they please



The screenshot shows the homepage of the Transkribus website. The browser's address bar displays the URL <https://transkribus.eu/Transkribus/>. The website header features the name "Transkribus" and two buttons: "Register" and "Login". The main content area has a background image of a handwritten document and the text "Transcribe. Collaborate. Share..." followed by "...and benefit from cutting edge research in Handwritten Text Recognition!". Below this, there is a blue button labeled "Download Transkribus beta 0.10.1 »" and a link "Wiki » How-to guide (pdf) »". The page is divided into four columns, each representing a user group: "Scholars", "Archives", "Volunteers", and "Scientists". Each column contains a short introductory paragraph and a "View details »" button. At the bottom of the page, there is a dark footer with the text "This website uses cookies to ensure you get the best experience on our website" and a yellow "Got it!" button. The Windows taskbar is visible at the very bottom of the image.



# Mission Statement of Aarhus City Archives

- Aarhus City Archives' mission is to give the citizens of Aarhus facilities for reflection on the past and the past's role for the present and on a critical basis, create co-ownership to the city and support the city's brand.

