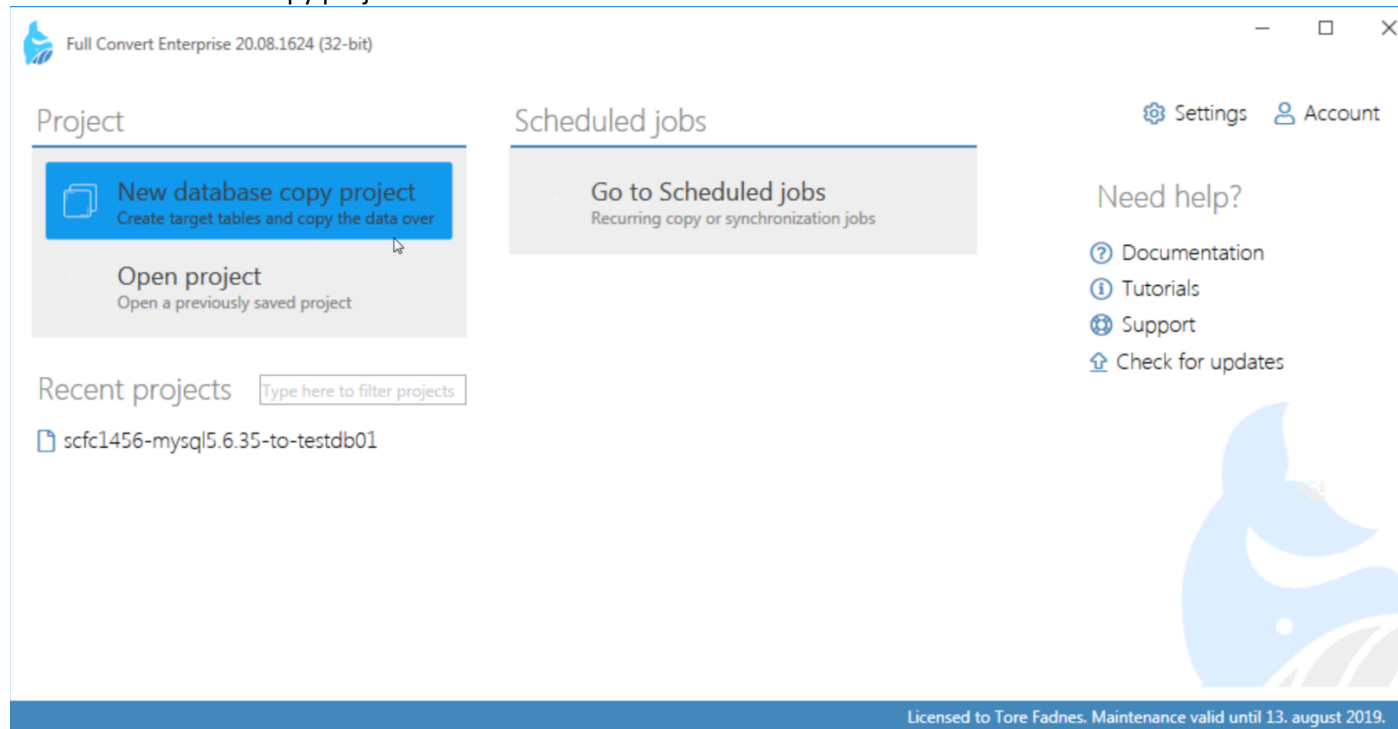


# SIARD uttrekk SCFC user manual

2020-09-18

Spectral Core Full Convert user manual for SIARD extractions to IKAMR Depot

## 1. New database copy project



## 2. Source = SQL Server (MSSQL)

- Auth = SQL server: needs a SQL user with high enough permissions to extract
- Auth = Windows: the AD user needs high enough permission on db server
- Dummy examples filled in the screenshot

Full Convert Ultimate 20.08.1624 (64-bit) - [E:\arkiv-work\MODARK-Politiet\uttrekk-testdb\t01bcl0b11rtf-int\_scf1544\_mssql\2014\report\t01bcl0b11rtf-int\_scf1544\_mssql\2014.fcpx]

← Back  
Cancel changing connection

### Source database connection

SQL Server ▼

Favorites ▼

Server: IKAMR-503\Acos ▼

Authentication: ☐ Windows ☒ SQL Server

Username: demo-scf

Password: \*\*\*\*\*

Database: WebSak ▼

#### Optional

Network library: <default> ▼

Port: 1433

☐ Encrypted

☐ Trust server certificate

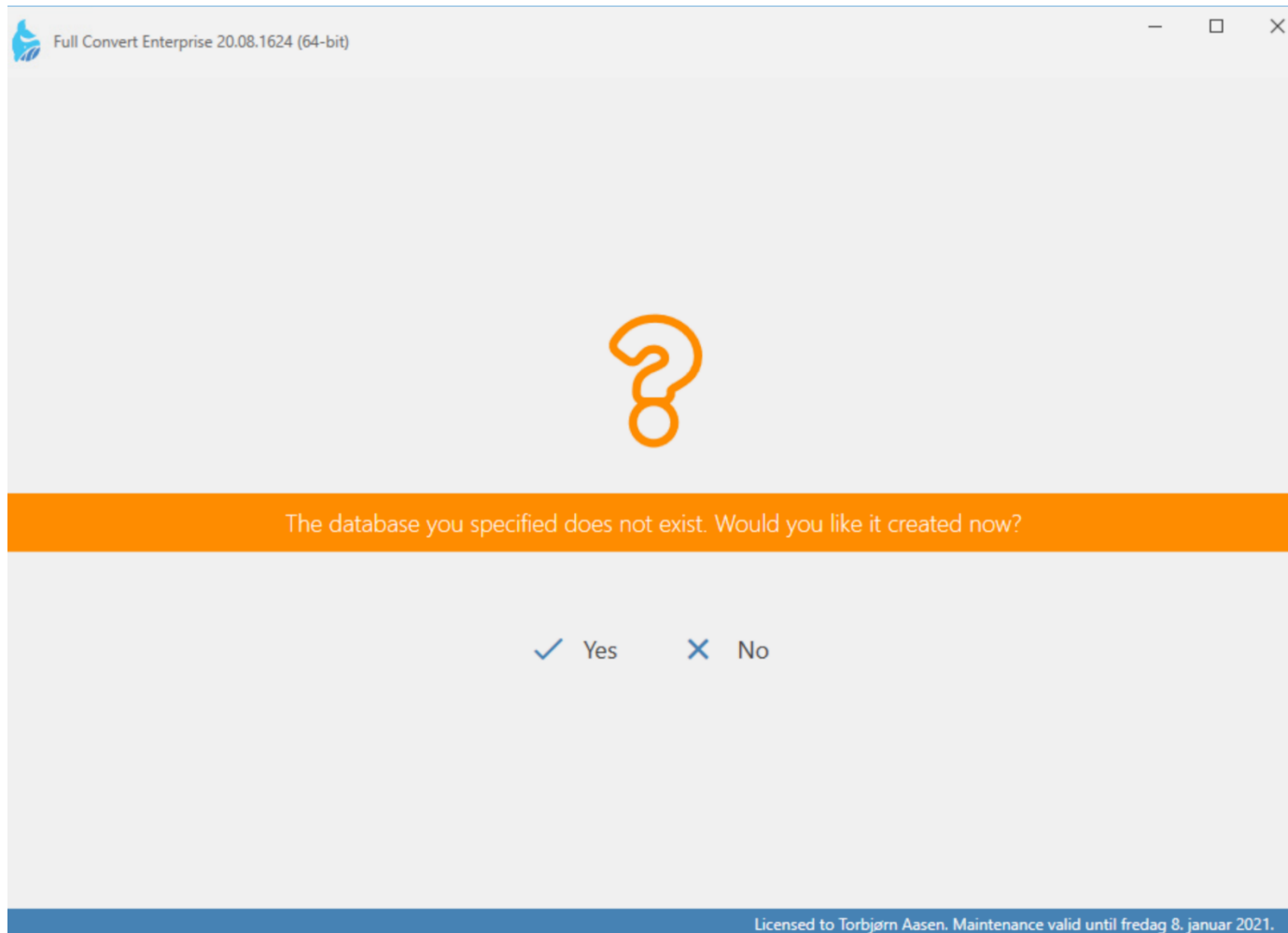
☐ Include views as tables

→ Connect  
Attempt to connect now

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Create the empty SIARD-file (v YES)

- a. At this point the Source database connection is confirmed as valid
- b. If connection trouble (Host, user, password, db) fails, an error will show and stop!



4. Target = SIARD
- a. SIARD database: Complete path to your main Extraction folder  
(this folder is selected in Arkade 5 to be imported and made DIAS-tar of)  
Use the SIARD filename as provided in Excel Arkade + SIARD metadata!
  - b. Description, Archiver, Archiver contact, Data owner, Origin time span  
Use the metadata as provided in Excel Arkade + SIARD metadata!
  - c. External LOB folder: empty unless agreed used with IKAMR Depot

**CONVERSION**  
Target database

SIARD

SIARD database: C:\uttrekk-scfc\version\v20.08.1624\websak-hist-test\_mssql\websak-hist-test\_mssql.siard

Compression: Optimal

Description: IKAMR WebSak Hist test

Archiver: Torbjørn Aasen

Archiver contact: torbjorn.aasen@ikamr.no

Data owner: Interkommunalt Arkiv for Møre og Romsdal IKS

Origin time span: 01.01.2006 - 31.12.2016

External LOB folder:

☒ Use default external LOB folder  
☐ Use default internal LOB folder

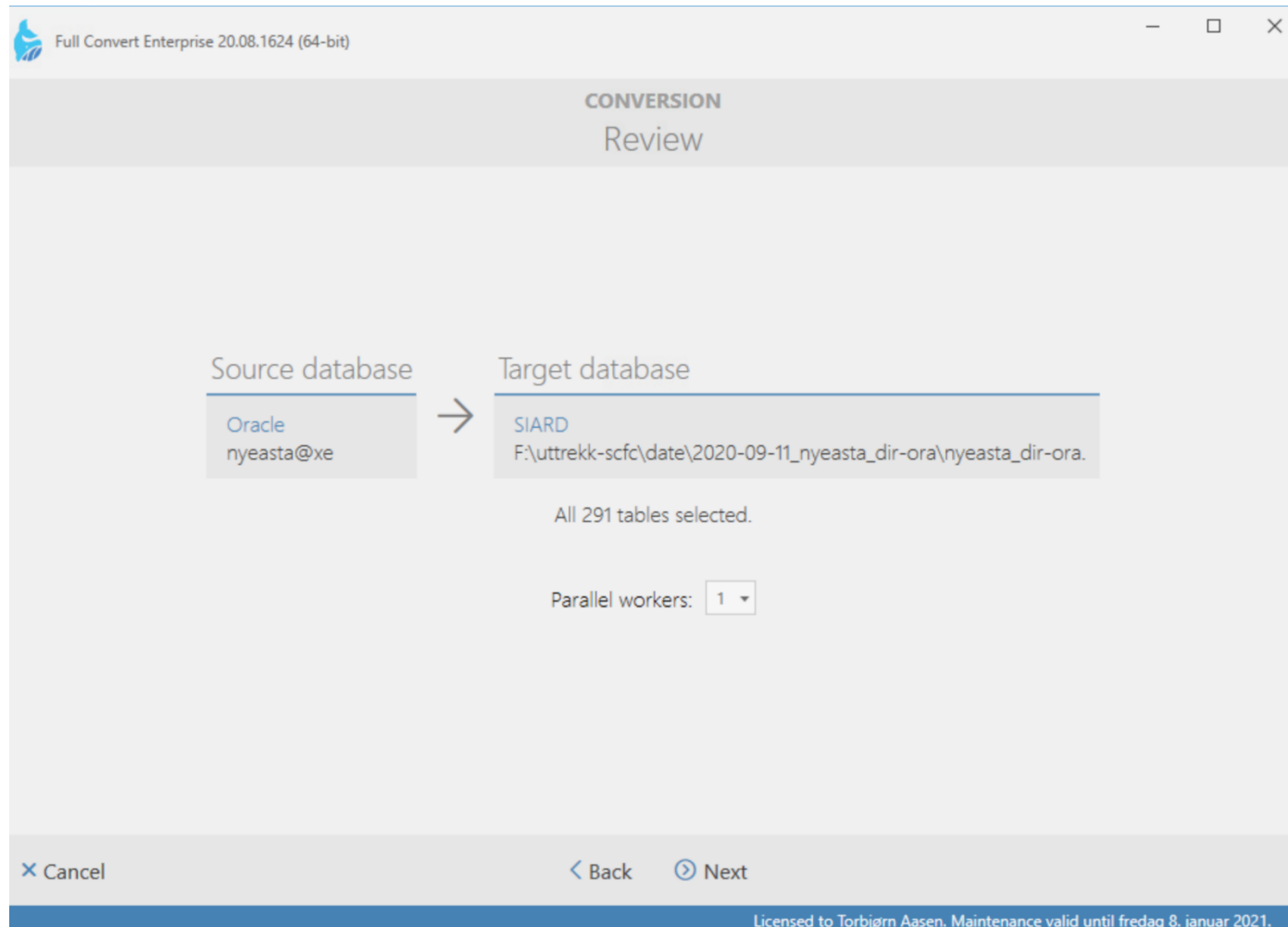
External LOB folder examples:

(empty entry)	saves BLOBs internally in the *.SIARD file.
documents	saves BLOBs externally to the "documents" folder in the current folder where *.SIARD file is created.
..\documents	saves BLOBs externally to the "documents" folder in the parent folder of the current folder where *.SIARD file is created.

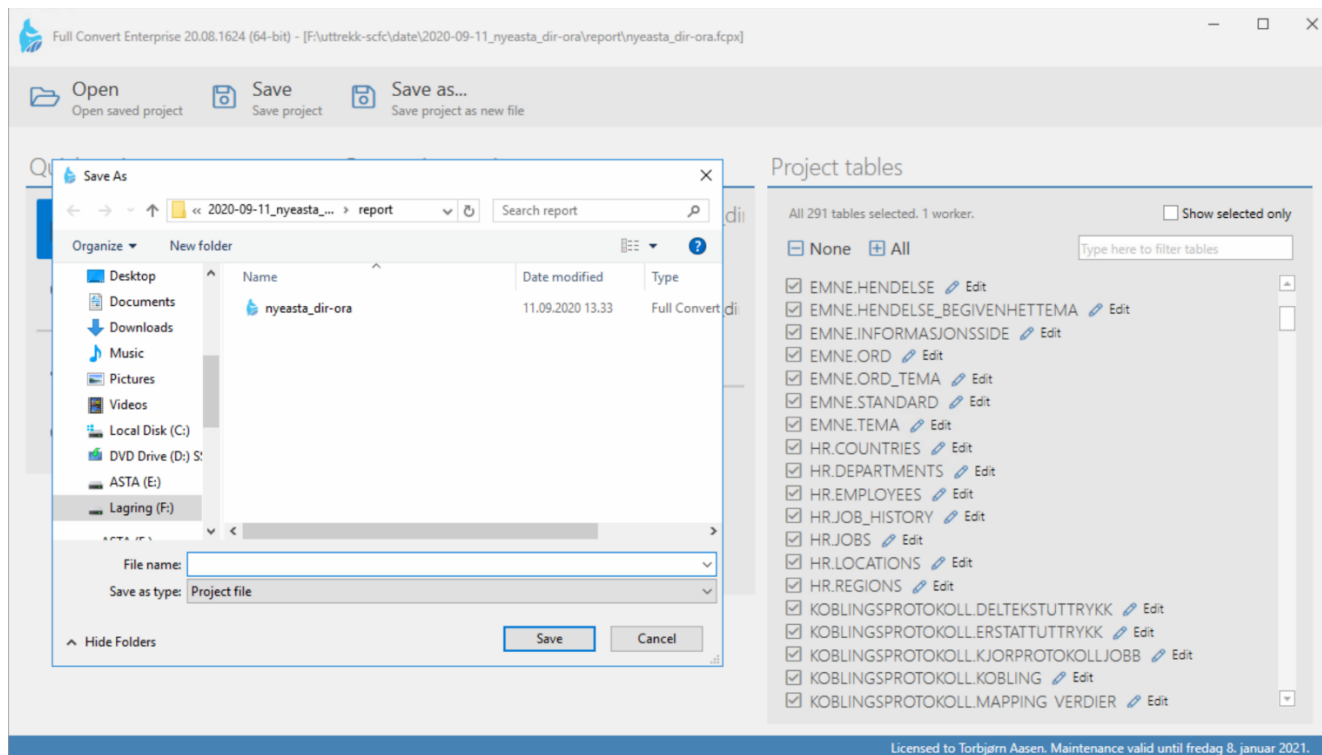
Cancel Back Next

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5. Conversion Review
  - a. Review and click "Next"

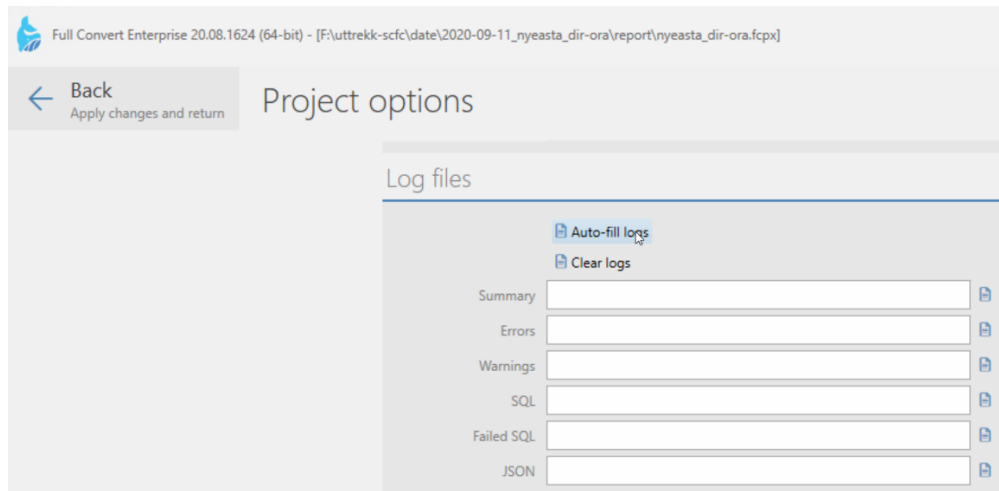
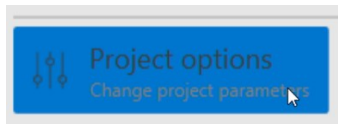


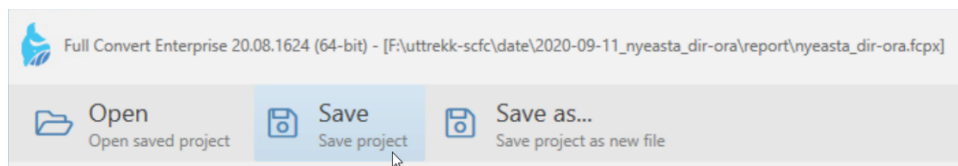
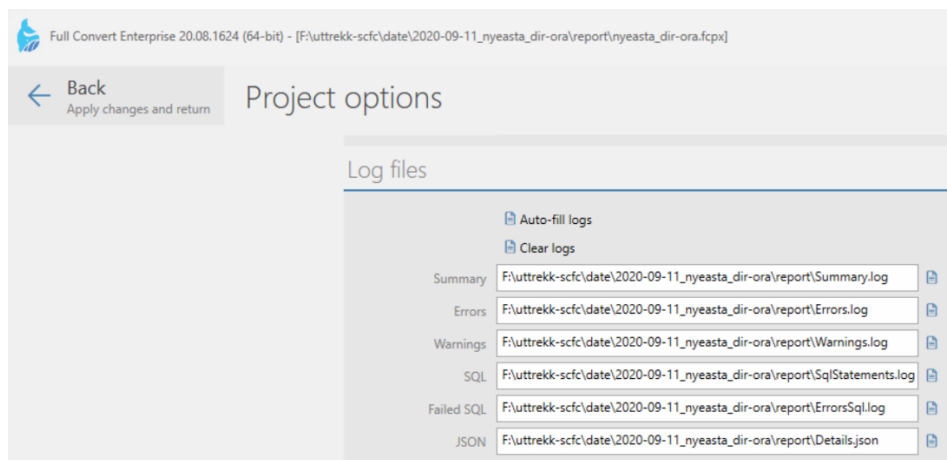
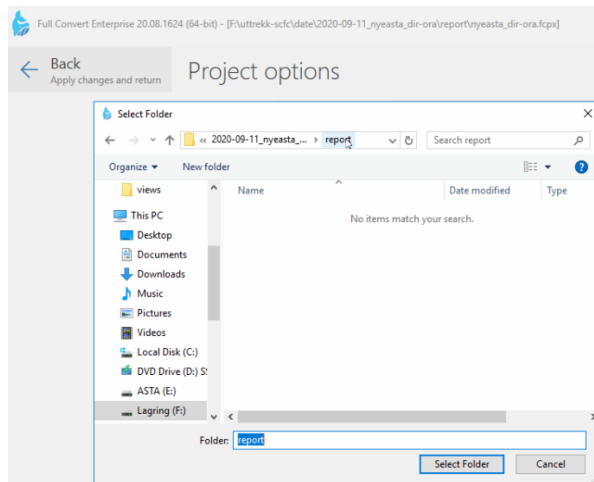
6. Save as...
  - a. Create and select the "report" subfolder to the main extraction folder
  - b. "report" is in the subfolder direct below the .siard extraction file
  - c. Use the SCFC project filename as provided in Excel Arkade + SIARD metadata!



## 7. Project options

- a. Click "Project option"
- b. Scroll down and click "Auto-fill logs"
- c. As the SCFC project is saved in the "report" subfolder, just click on "report"
- d. Review the 6 logfile entries for the extraction main folder & report subfolder
- e. Click "Back" and "Save" (NB! No dirty flag on changes, ALWAYS click Save!)







## 8. Filter Project tables - 1

- An example with several schemas
- Filter "emne" shows all tables with "emne" anywhere in table schema.name

Full Convert Enterprise 20.08.1624 (64-bit)

Open (Open saved project) | Save as... (Save project as new file)

**Quick actions**

- Copy your database** (Start the database migration process)
- Last run review** (Show last project run review)
- Project options** (Change project parameters)
- Close** (Close this project)

**Conversion project**

- Oracle nyeasta@xe
- SIARD F:\uttrekk-scfc\data\2020-09-11\_nyeasta\_di
- Validate table mapping
- Browse source** (Examine tables in source database)
- Browse target** (Examine tables in target database)
- Scheduled jobs** (Automatically copy tables at specified time)

**Project tables**

All 291 tables selected. 1 worker. ☐ Show selected only

☒ None ☒ All ☐ Toggle listed

<input checked="" type="checkbox"/>	EMNE.BEGIVENHETTEMA	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.BEGIVENHETTEMA_BEGIVENHETTEMA	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.BEGIVENHETTEMA_HENDELSE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.EMNE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.EMNENAVN	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.EMNEORD_INFORMASJONSSIDE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.EMNESTANDARD	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.HENDELSE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.HENDELSE_BEGIVENHETTEMA	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.INFORMASJONSSIDE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.ORD	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.ORD_TEMA	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.STANDARD	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	EMNE.TEMA	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	NYEASTA.AKTOR_EMNEORD	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	NYEASTA.ARKIVENHET_EMNEORD	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	NYEASTA.EMNE	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	NYEASTA.EMNEREGISTER	<a href="#">Edit</a>

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## 9. Filter Project tables - 2

- Filter "emne." shows all tables "emne" as last part of schema name
- Thus the table names with "emne" as part of name are now excluded in result!

The screenshot displays the Full Convert Enterprise 20.08.1624 (64-bit) interface. The title bar shows the file path: [F:\uttrekk-scfc\data\2020-09-11\_nyeasta\_dir-ora\report\nyeasta\_dir-ora.fcp]. The main window is divided into three panels: Quick actions, Conversion project, and Project tables.

**Quick actions:**

- Copy your database:** Start the database migration process.
- Last run review:** Show last project run review.
- Project options:** Change project parameters.
- Close:** Close this project.

**Conversion project:**

Path: F:\uttrekk-scfc\data\2020-09-11\_nyeasta\_dir-ora\report\nyeasta\_dir-ora.fcp

Source: Oracle nyeasta@xe

Target: SIARD F:\uttrekk-scfc\data\2020-09-11\_nyeasta\_dir-ora\report\nyeasta\_dir-ora.fcp

Actions: Validate table mapping, Browse source (Examine tables in source database), Browse target (Examine tables in target database), Scheduled jobs (Automatically copy tables at specified time).

**Project tables:**

All 291 tables selected. 1 worker. ☐ Show selected only

Filter:

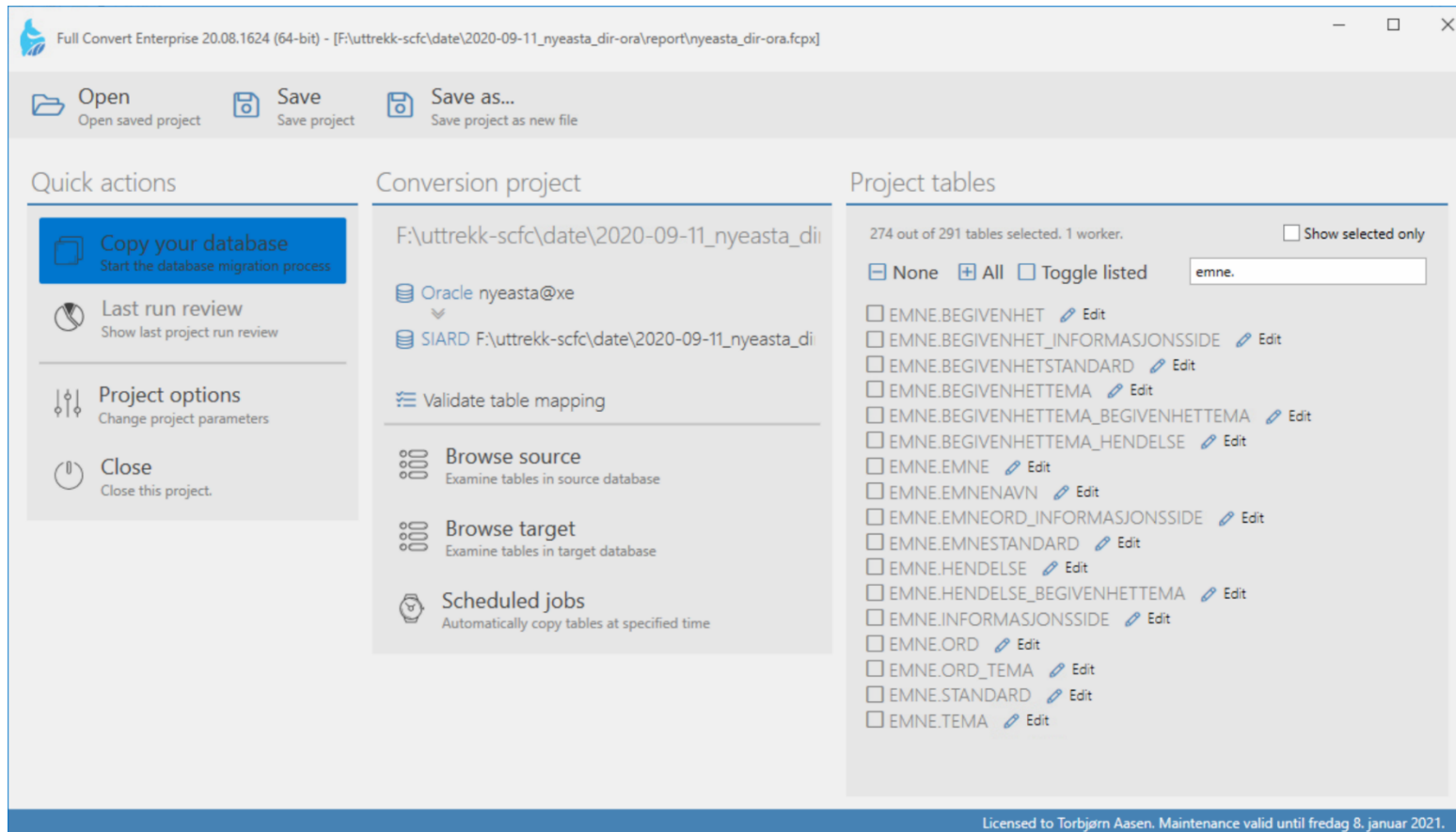
Selected tables (all checked):

- EMNE.BEGIVENHET [Edit](#)
- EMNE.BEGIVENHET\_INFORMASJONSSIDE [Edit](#)
- EMNE.BEGIVENHETSTANDARD [Edit](#)
- EMNE.BEGIVENHETTEMA [Edit](#)
- EMNE.BEGIVENHETTEMA\_BEGIVENHETTEMA [Edit](#)
- EMNE.BEGIVENHETTEMA\_HENDELSE [Edit](#)
- EMNE.EMNE [Edit](#)
- EMNE.EMNEAVN [Edit](#)
- EMNE.EMNEORD\_INFORMASJONSSIDE [Edit](#)
- EMNE.EMNESTANDARD [Edit](#)
- EMNE.HENDELSE [Edit](#)
- EMNE.HENDELSE\_BEGIVENHETTEMA [Edit](#)
- EMNE.INFORMASJONSSIDE [Edit](#)
- EMNE.ORD [Edit](#)
- EMNE.ORD\_TEMA [Edit](#)
- EMNE.STANDARD [Edit](#)
- EMNE.TEMA [Edit](#)

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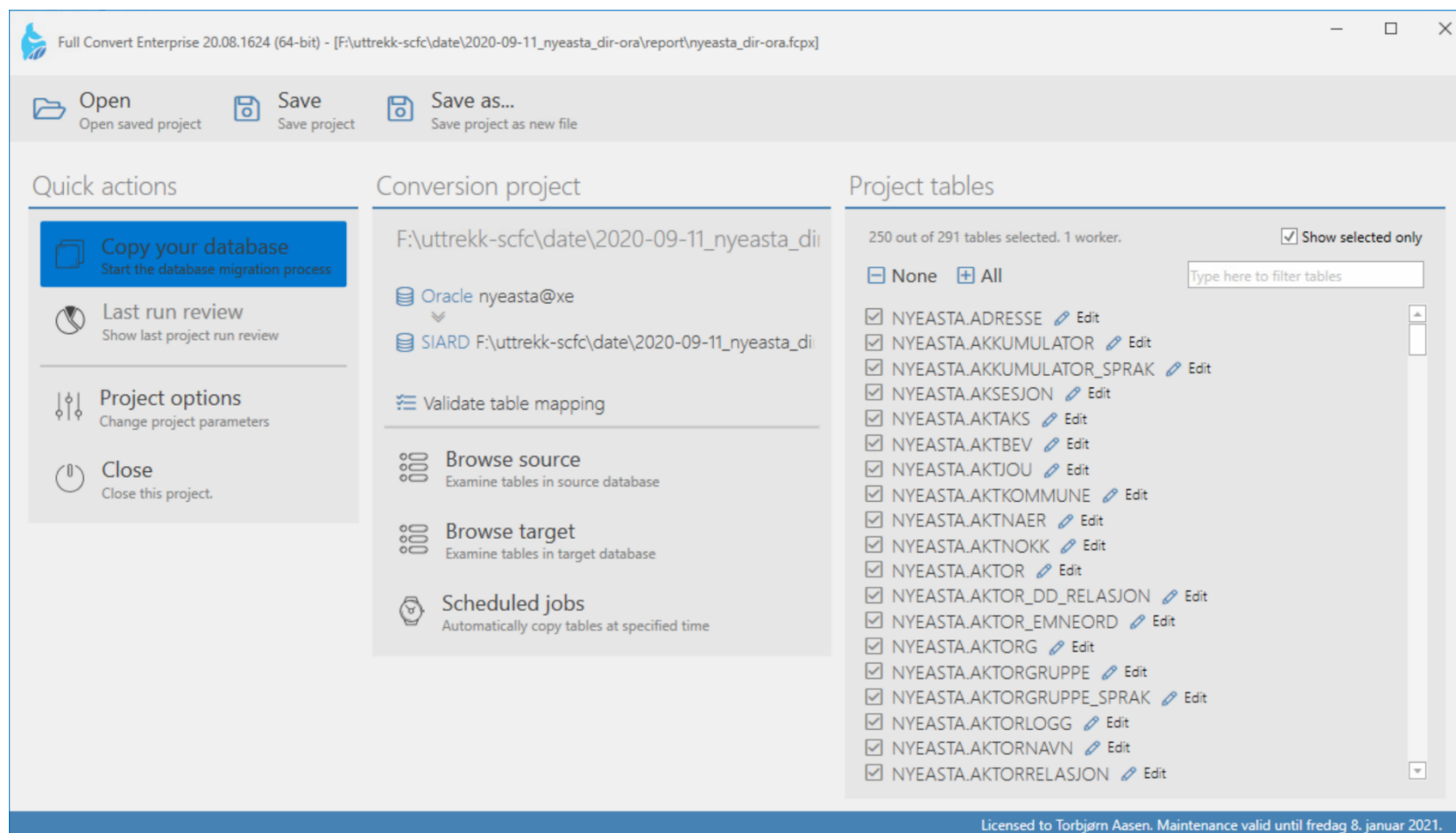
### 10) Filter Project tables - 3

- Click on "Toggle listed" to unselect the filtered resulting tables
- You can see the [ ] is unchecked for the tables after you have clicked

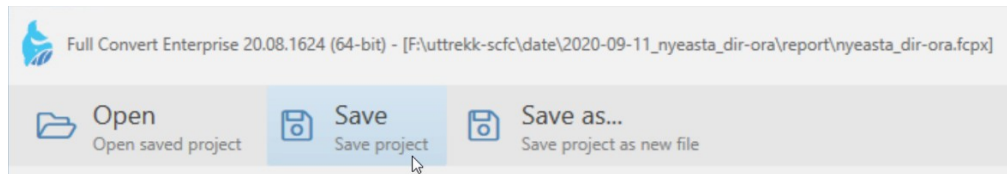


## 11. Filter Project tables - 4

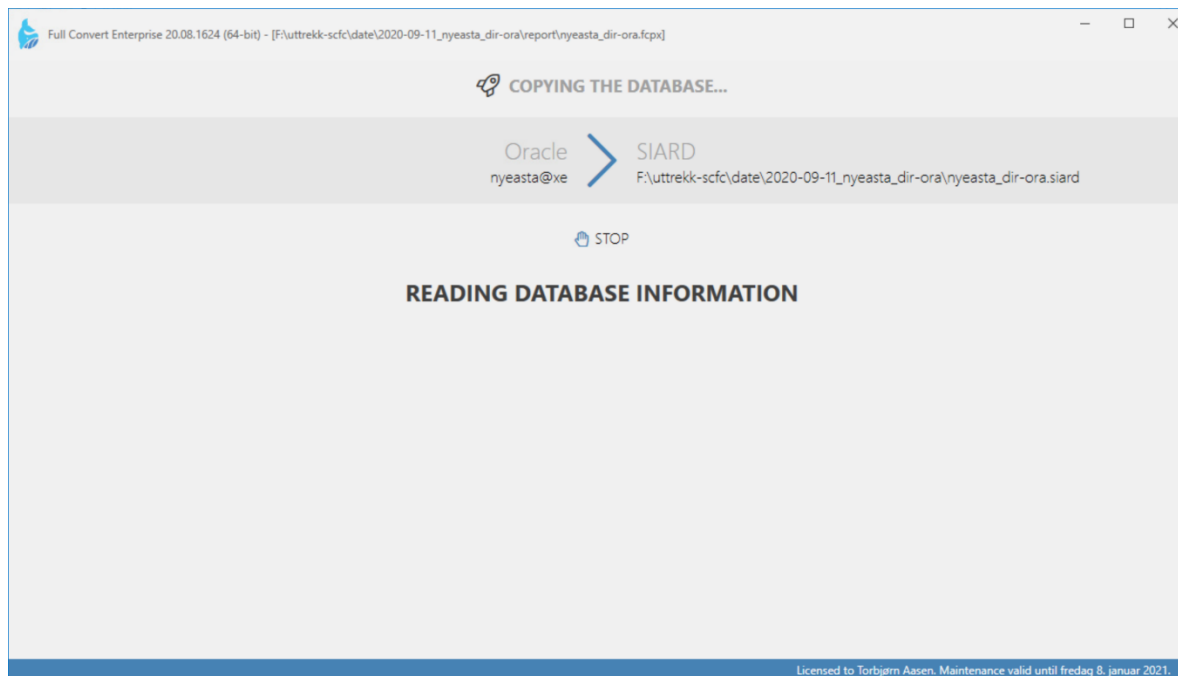
- Repeat the Filter process until the resulting selected tables are ready to extract
- Example shows 250 of 291 tables selected (all with schema "NYEASTA.")

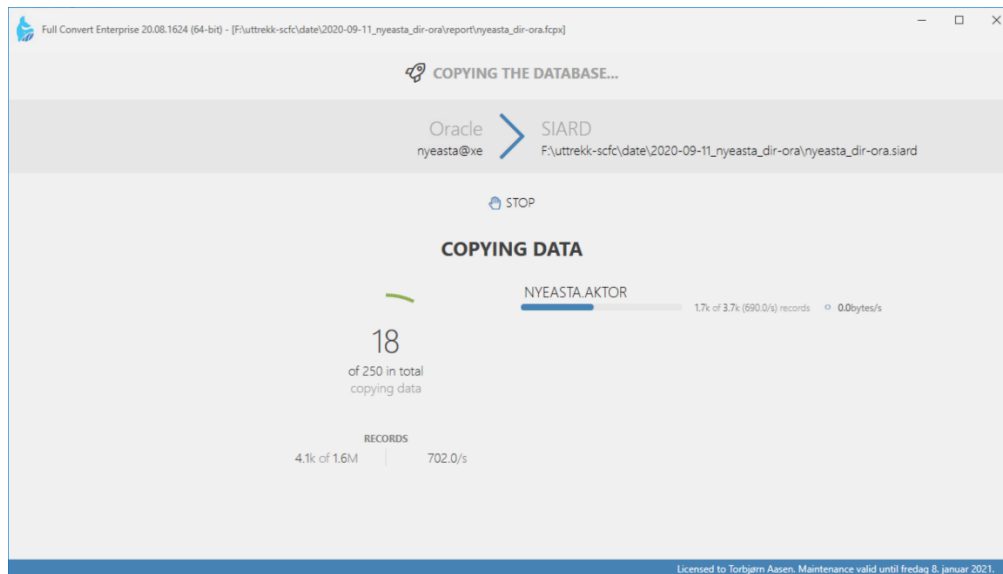
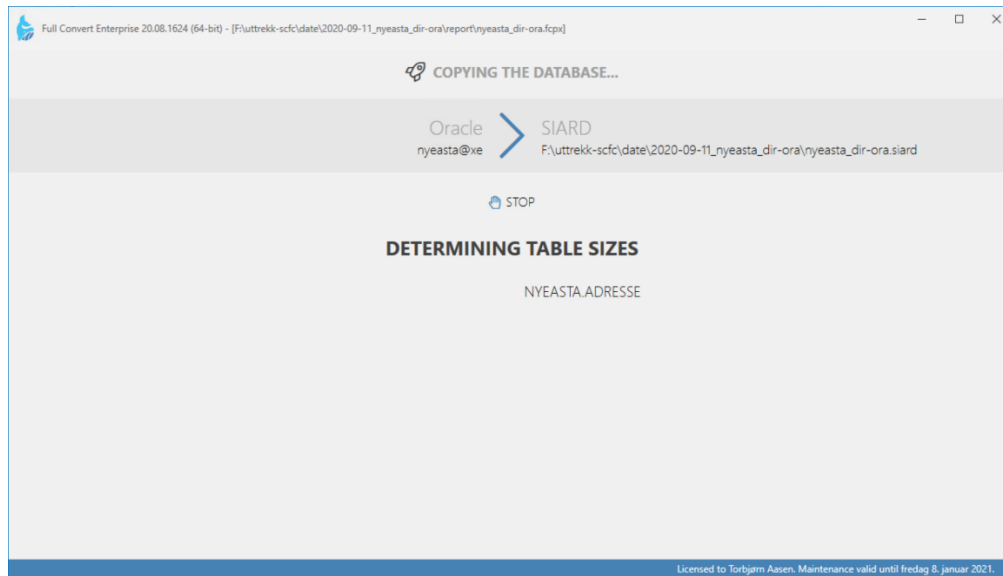


12. Always click "Save" after doing any change in Spectral Core Full Covert!



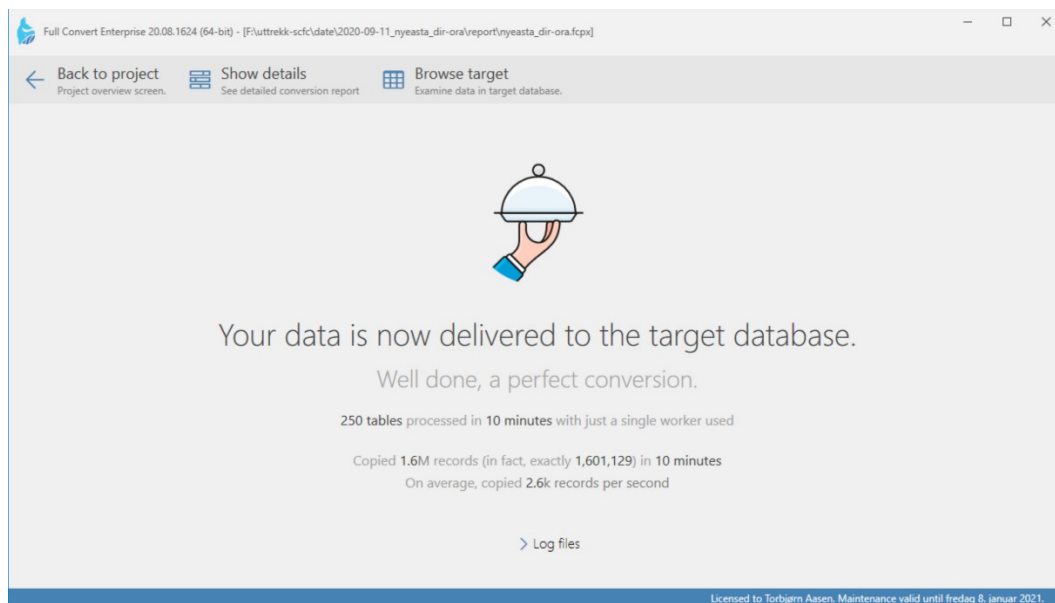
13. Click "Copy your database" when your SCFC project is configured for your extraction
- Reading Database Information
  - Determining Table Sizes
  - Copying Data (n of total m records shown pr table and overall, and speed)










## 14. SCFC Extraction Results

- a. Your data is now delivered to the target database
  - i. A perfect conversion?
  - ii. One or more tables rejected?
  - iii. Check all logs throughoutly!  
Click "> Log files" to see what is filled, and the "report" folder to open them
- b. Possibly failed extraction
  - i. No SIARD-file created
  - ii. Check error details and logs



 Summary (1,3 kB)  Errors (empty)  SQL (33,3 kB)  Failed SQL (empty)  Warnings (empty)  JSON (118,9 kB)