

Sharing business data across borders in a harmonised way – xEBR wg POC

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About Nordic Smart Government & Business – program

- The latest program (4.0) ended June 2024
 - First program started in 2016
- A Nordic collaboration program between 5 counties (Denmark, Sweden, Norway, Finland and Iceland) and 14 Nordic organisations
- The vision was to create value for the SMEs by making real time business data accessible and usable for innovation and growth across the region, in an automatic, consent based and secure manner.
- The core idea was that structured and standardised business data can be shared automatically and thereby replace burdensome manual handling of data exchange.



Semantic work in NSG&B

Nordic Vocabulary for Business Data

- Semantic model for business register data
 - Company name
 - Business ID
 - Registration date
 - Registered address
 - Legal status
 - Legal form
 - Registration authority
- API on production
 - Makes possible to search information from other business registers from one API
 - API is available for free
- Work continues and more information is planned to include to data model (for example signatory rights)

Nordic Vocabulary for financial statements

- Financial statements are fairly standard, and stakeholders have highlighted this data as high-value
- Semantic model was created for financial statement information (income statement and balance sheet)
- Mock API
 - At the moment no plans to go on production as financial statements are not 100 % on digital form



Semantic model and API in a nutshell

- To support this work, the income statements and balance sheets of the different Nordic countries were mapped against each other
 - A prioritized list of elements were mapped in depth
 - Mapping was based on xEBR taxonomy
- An API specification was created to enable the exchange of data
 - The API specification was tested through a clickable demo
- Besides this, a list of high-value datasets was created which can be used in the further work



Semantical model for financial statements

INPUT

- Mapping work and prioritization of financial statement facts
- Creation of API specification
- Planning of mock-up and demo

OUTCOME

- API specification
- Mapping sheet with prioritized elements → Feedback into XBRL community
- Clickable demo with mock API piloted



A list of prioritized data elements

Income statement by function

Net turnover
Other operating income
Raw materials and consumables
Other external expenses
Staff costs
Value adjustments
Other operating expenses
Financial income and financial costs
Tax on profit or loss
Profit or loss for the financial year

Balance sheet

Fixed assets
Intangible assets
Tangible assets
Financial assets
Current assets
Stocks
Debtors
Investments
Liquid assets
Creditors: amounts becoming due and payable within one year
Creditors: amounts becoming due and payable after more than one year
Provisions
Capital and reserves

But we could develop the model to a more detailed level in the future...



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Next step – xEBR wg work

- We are continuing the work in xEBR working group
- Ideas for next steps
 - Develop xEBR taxonomy further
 - Define ownership and governance structure for the taxonomy
 - Ensure alignment with EU regulations
 - Develop mapping methodology
 - Discuss and share experiences (and challenges) about mapping work
 - Update previously done mappings and expand the semantical model to cover new countries
 - POC
 - Collaboration with BRIS and other related stakeholders



NSG&B Mock up demo



Nordic Business Information Pilot

Search for business in the Nordic region

Country

Sweden

Business ID

123456-11112

Search information with
Business ID

Search

Basic business register
information

Business information

Signatory Rights

Financial Statements

Nadjas hälsovaror

Company name

Country

Sweden

Registration date

2020-01-01

Registered address

Lindhagensgatan 76, 112 18 Stockholm

Company form

Aktiebolag

Nordic Business Information Pilot

Search for business in the Nordic region

Country

Sweden

Business ID

123456-11112

Search

Business information

Signatory Rights

Financial Statements

The managing director can sign alone or two board members together.

The managing director can sign alone

Managing director

Nadja Exempelsson

Two board members together

Board Member

Mikael Exempel
Åke Exempelsson

Semantic model of signatory rights requires still some work. Next possible data set on add to API.

Business information

Signatory Rights

Financial Statements

Includes prioritized elements from
financial statement. Based on
semantic model.

	2022	2023
Net Turnover	2650000 kr (SEK)	2550000 kr (SEK)
Other Operating Income	1077000 kr (SEK)	1060500 kr (SEK)
Financial Income Total	1554000 kr (SEK)	1564300 kr (SEK)
Raw Materials And Consumables	2327000 kr (SEK)	2023000 kr (SEK)
Staff Costs Total	650000 kr (SEK)	660000 kr (SEK)
Other Operating Expenses Total	545000 kr (SEK)	550000 kr (SEK)
Depreciation And Amortization On Intangible And Tangible Fixed Assets Total	121000 kr (SEK)	122000 kr (SEK)
Interest Payable And Similar Expenses	275000 kr (SEK)	286000 kr (SEK)
Tax On Profit Or Loss	90000 kr (SEK)	80800 kr (SEK)
Gross Profit Or Loss	2304000 kr (SEK)	2491800 kr (SEK)
Profit For The Financial Year Total	1273000 kr (SEK)	1453000 kr (SEK)



Thanks for your attention

If you have any further questions, do not hesitate to contact:

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