

Ostatnia mila sprawozdawczości, czyli ... ESMA na horyzoncie

CERTENT CDM - FINANCIAL & REGULATORY REPORTING SOLUTION



The Report Production Challenge



Data Inputs



Relational / DW



Consolidations



OLAP - cube



CPM / BI



Excel Extraction (Financial Statements)



Excel Working Papers Schedules / Checklists



Narrative Performance Report Outputs



Internal Report Consumers



External Report Consumers

Process is typically:

- ✓ Manual (using MS Office)
- ✓ Time-consuming
- Error-prone
- Uncontrolled (e.g. versioning)

Production Challenges



Disconnected manual process

Narrative integration with charts, tables and numbers

Data validation / cut-off issues

Problems tracking low-level (often last-minute) changes

Version control nightmares

Compressed deadlines, late nights and dissatisfied staff

Multi-layer and/or matrix-based review during the cycle



Repeated full document / forensic review at the end

Highly-paid people performing low-value tasks

Hidden / broken processes: no process transparency

Little document uniformity or report production synergy

Little / no business buy-in

Little / no audit trail

Same fire drill each day / week / month / quarter / half-year / year

Three Types of Narrative Performance Reports



| External |
|-------------------------------|
| Annual Report & Accounts |
| Half-Year / Quarterly Reports |
| Preliminary Reports |
| Results Presentations |
| Press Releases and RNS |
| |
| |
| |

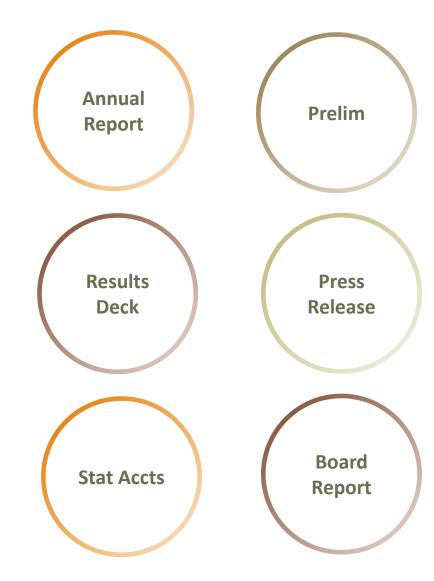
| Regulatory |
|----------------------|
| Statutory Accounts |
| Solvency II (EIOPA) |
| COREP / FINREP (EBA) |
| SEC |
| ESMA ESEF |
| XBRL/iXBRL |
| |
| |
| |

| Internal | | | | | |
|-------------------------|--|--|--|--|--|
| Management Accounts | | | | | |
| Board Reports | | | | | |
| Budget Books | | | | | |
| KPI Reports | | | | | |
| Treasury Reports | | | | | |
| Tax Reports | | | | | |
| Risk Management Reports | | | | | |
| Project Reports | | | | | |
| Departmental Reports | | | | | |

For Multiple Reports...







...For Multiple, Ongoing Periods

February

January

March

April

May





June

July

September

August

October

December

November



Structured Data Sources



Multi-Dimensional OLAP Cubes/BI



Financial Consolidation

General Ledgers

✓ Source Data Files

✓ Peer Analysis/Benchmarked Content

✓ Compliance Checklists



Risk Management and Internal control

Corporate

Governance



Single Version of The Truth



Cloud Reporting Platform











- Harmonization
- Standardization
- Collaboration
- Attestation



- Contributors
- Reviewers
- Approvers
- Managers
- Directors

Report Consumers





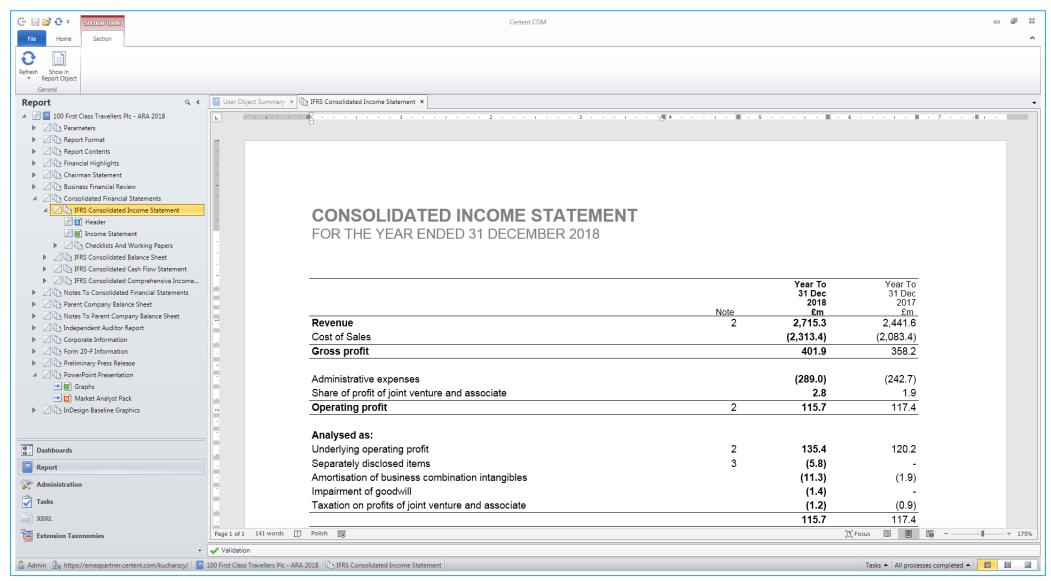




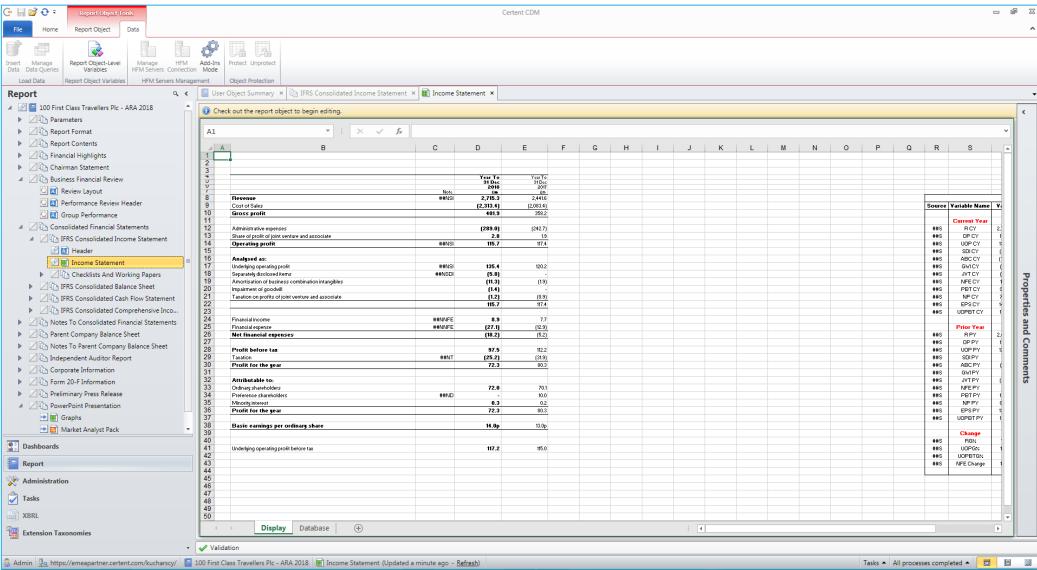


- Familiar Microsoft Office environment
- Strong access controls and single sign-on
- Workflow controls expedite the production cycle
- Users can add their own side-bar commentary
- Process task and check lists provide simple guidance
- Audit trails let you see who did what and when
- Validation rules tie out one part of the document to another part of the document (or a different document)
- Single version of the truth
- Integrated version controls let you take report snapshots at any time.
- CDM is available on premise or on the cloud
- Report sections can be shared between different documents delivering production synergy
- Documents can be rolled forward and cascaded making production cycles more sustainable

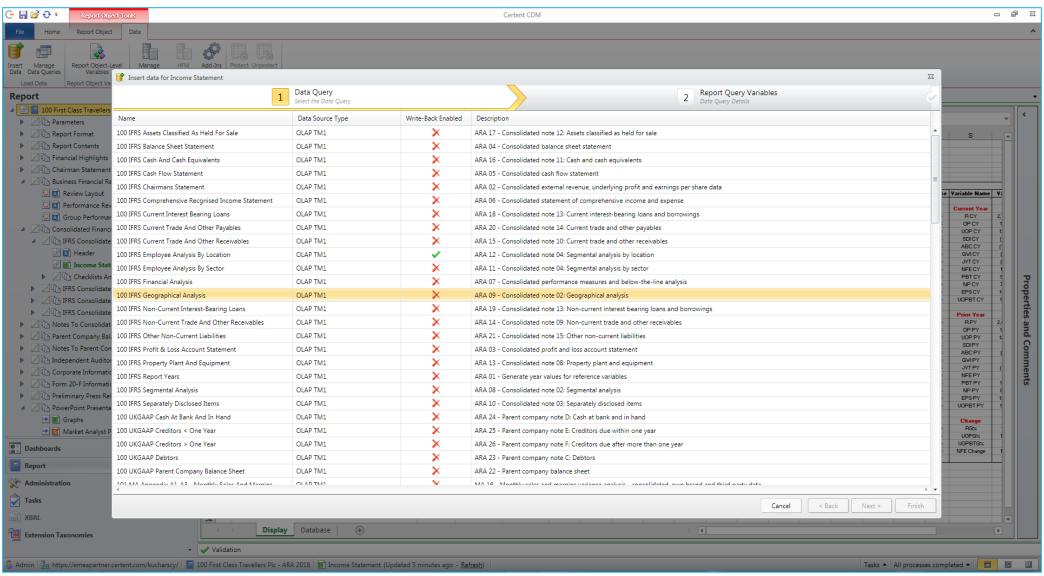




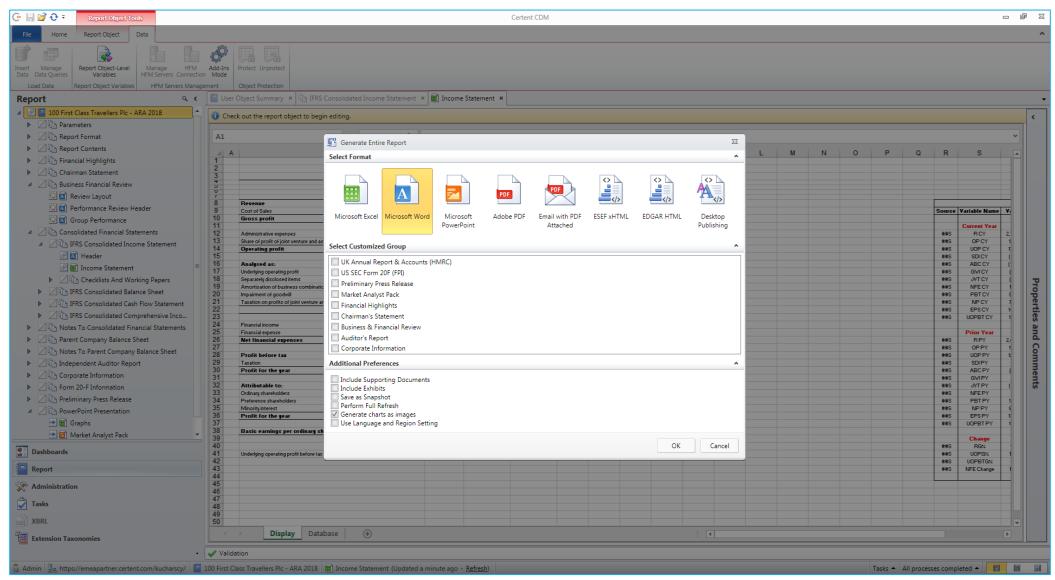




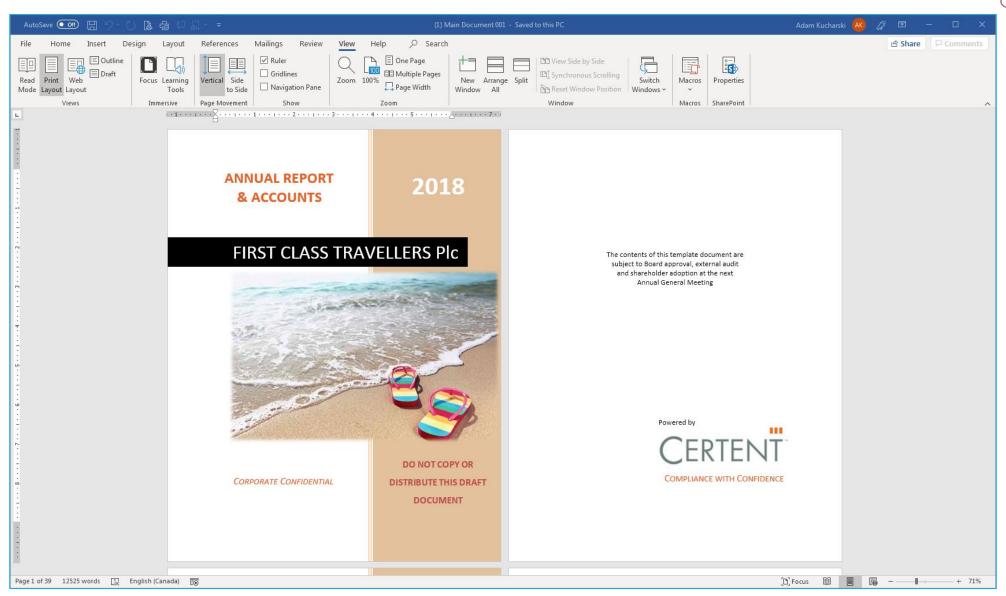




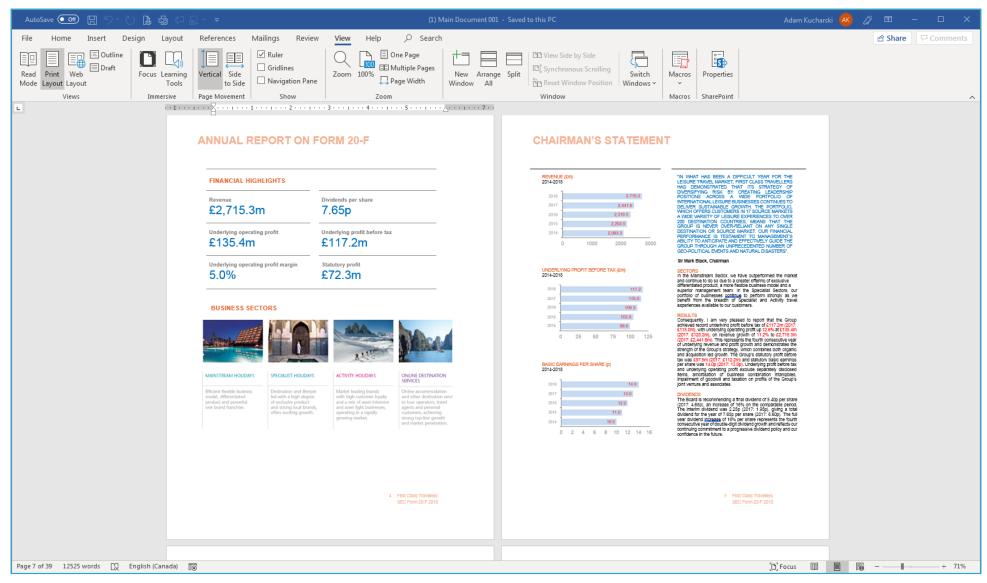




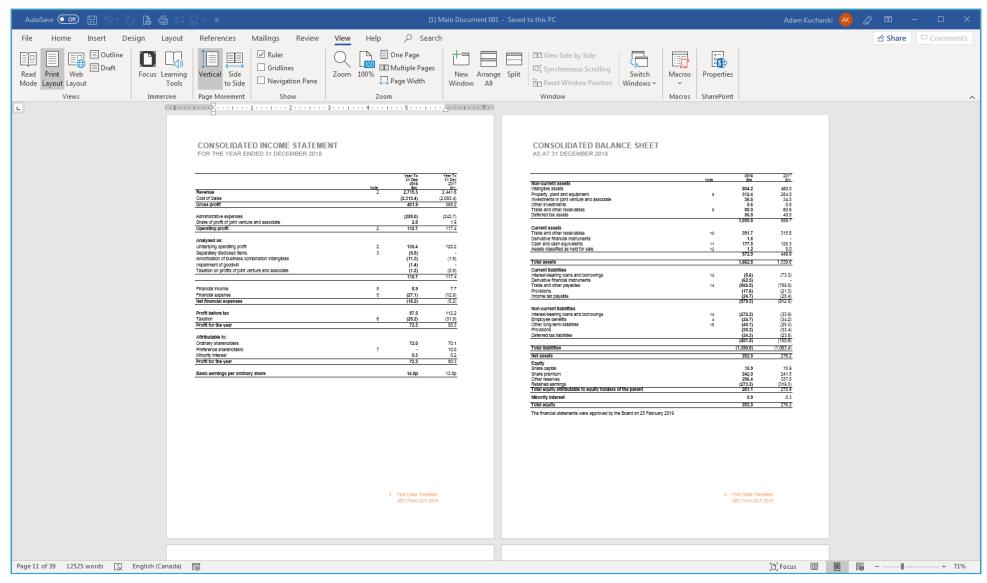












ESMA/ESEF



"Issuers shall prepare their entire annual financial reports in XHTML format"

"Where the annual financial report contains IFRS consolidated financial statements, these shall be labelled with XBRL tags, which shall be embedded in the XHTML document using the Inline XBRL technology"



ESMA/ESEF



The European Single Electronic Format is the electronic reporting format in which issuers on EU regulated markets shall prepare their annual financial reports from 1 January 2020.

ESEF will enter into force on the twentieth day following that of its Publication in the Official Journal of the European Union.

ESMA/ESEF IXBRL



XBRL = XBRL machine readable format

```
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:/unit>
(unit id="number">
<measure>pure</measure>
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unitRef="USD">688000000</test:DeferredIncomeTaxExpenseBenefitPensionObligation>
<test:MileageCreditRedemptionMajorityOfNewMilesRedemptionPeriod contextRef="FD2019"</pre>
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'lender">2</test:NumberOfLenders>
test:ReclassificationFromAccumulatedOtherComprehensiveIncomeToRetainedEarningsAdo
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test:WeightedAveragePricePerTreasuryShareWithheldForTaxes contextRef="FD2018Q1QTD"
<test:WeightedAveragePricePerTreasuryShareWithheldForTaxes contextRef="FD2019Q1YTD"</p>
```

xHTML = Human readable format that can be viewed through any Browser without any Add In

| Consolidated Statement of Income \$ million | | | | | | | | |
|---|-------|---------|---------|---------|--|--|--|--|
| | Notes | 2018 | 2017 | 2016 | | | | |
| Revenue | 4 | 388,379 | 305,179 | 233,591 | | | | |
| Share of profit of joint ventures and associates | 9 | 4,106 | 4,225 | 3,545 | | | | |
| Interest and other income | 5 | 4,071 | 2,466 | 2,897 | | | | |
| Total revenue and other income | | 396,556 | 311,870 | 240,033 | | | | |
| Purchases | | 294,399 | 223,447 | 162,574 | | | | |
| Production and manufacturing expenses | | 26,970 | 26,652 | 28,434 | | | | |
| Selling, distribution and administrative expenses | | 11,360 | 10,509 | 12,101 | | | | |
| Research and development | | 986 | 922 | 1,014 | | | | |
| Exploration | | 1,340 | 1,945 | 2,108 | | | | |
| Depreciation, depletion and amortisation | 4 | 22,135 | 26,223 | 24,993 | | | | |
| Interest expense | 6 | 3,745 | 4,042 | 3,203 | | | | |
| Total expenditure | | 360,935 | 293,740 | 234,427 | | | | |
| Income before taxation | | 35,621 | 18,130 | 5,606 | | | | |

ESMA/ESEF IXBRL

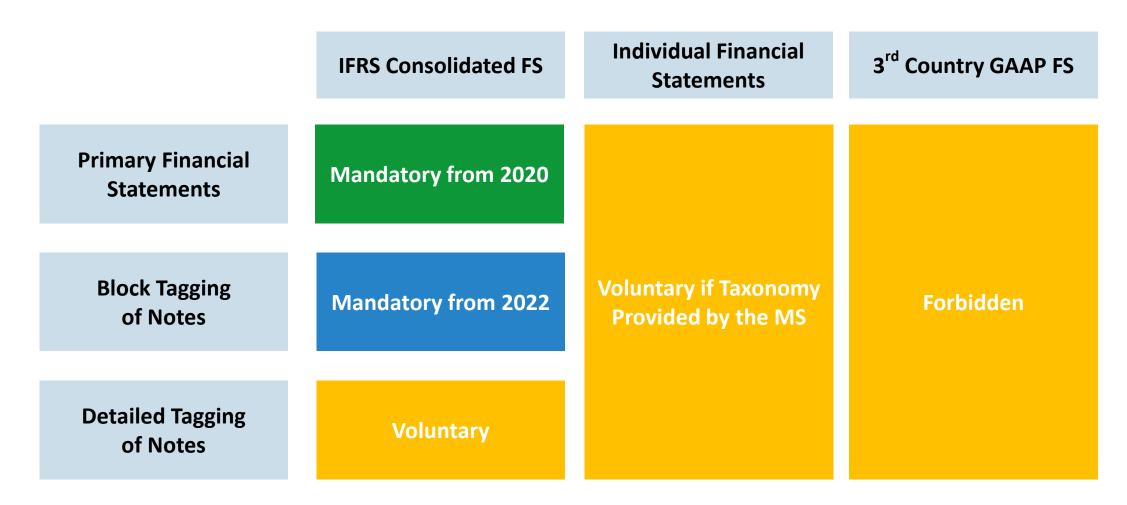


ESMA European Single Electronic Format (ESEF) enforces reporting of the Annual Financial Reports (AFRs) using Inline XBRL standard which merges together the human readable HTML reports with the machine readable XBRL content

| Consolidated Statement of Income | | | | \$ million | |
|---|-------|---------|---------|------------|-----------------------------|
| | Notes | 2018 | 2017 | 2016 | |
| Revenue | 4 | 388,379 | 305,179 | 233,591 | ✓ Highlight all tags |
| Share of profit of joint ventures and associates | 9 | 4,106 | 4,225 | 68,604 | Tag: ifrs full:Revenue |
| Interest and other income | 5 | 4,071 | 2,466 | 2,897 | Fact: € 68,604,000,000.00 |
| Total revenue and other income | | 396,556 | 311,870 | 240,033 | Period: 2016-01-01 to 2015- |
| Purchases | | 294,399 | 223,447 | 162,574 | 12-31 |
| Production and manufacturing expenses | | 26,970 | 26,652 | 28,434 | Unit: iso4217:EUR |
| Selling, distribution and administrative expenses | | 11,360 | 10,509 | 12,101 | scale: Millions |
| Research and development | | 986 | 922 | 1,014 | Balance: Credit |
| Exploration | | 1,340 | 1,945 | 2,108 | Sign: Positive |
| Depreciation, depletion and amortisation | 4 | 22,135 | 26,223 | 24,993 | Type. monetaryItemType |
| Interest expense | 6 | 3,745 | 4,042 | 3,203 | |
| Total expenditure | | 360,935 | 293,740 | 234,427 | |
| Income before taxation | | 35,621 | 18,130 | 5,606 | |
| Taxation charge | 16 | 11,715 | 4,695 | 829 | |
| Income for the period | 4 | 23,906 | 13,435 | 4,777 | |

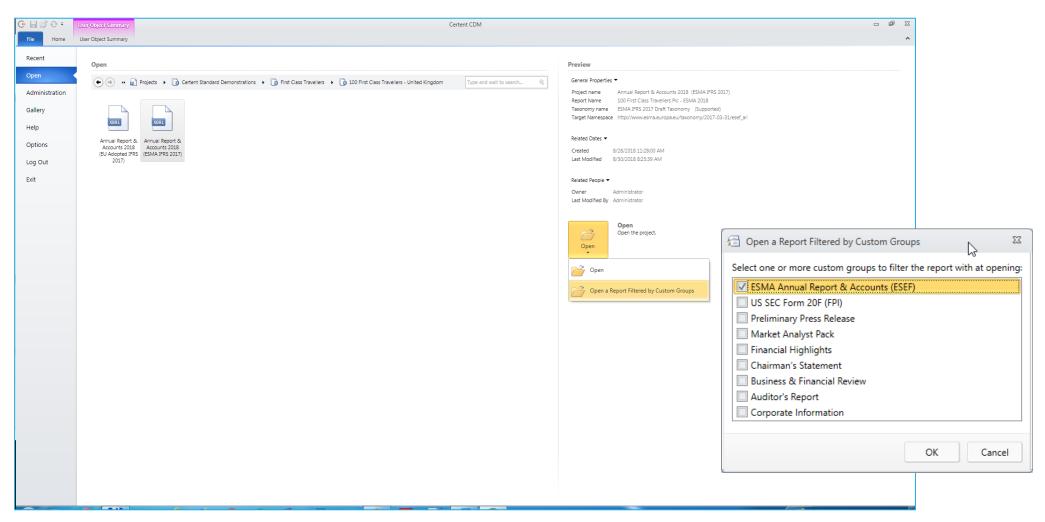
REPORTS TO BE PRODUCED AND LEVEL OF TAGGING



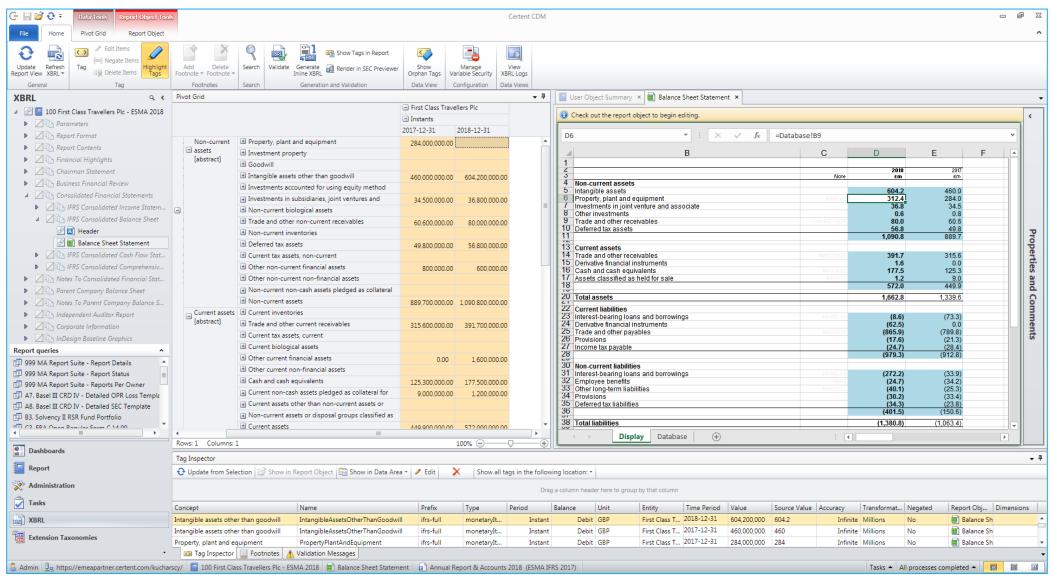


Graphic :Source https://www.xbrleurope.org/files/Presentations/20180201-20th%20XBRL%20Europe%20Day-Copenhagen/2-ESMA32-60-303_Presentation_XBRL_Europe_Day_2018.pdf

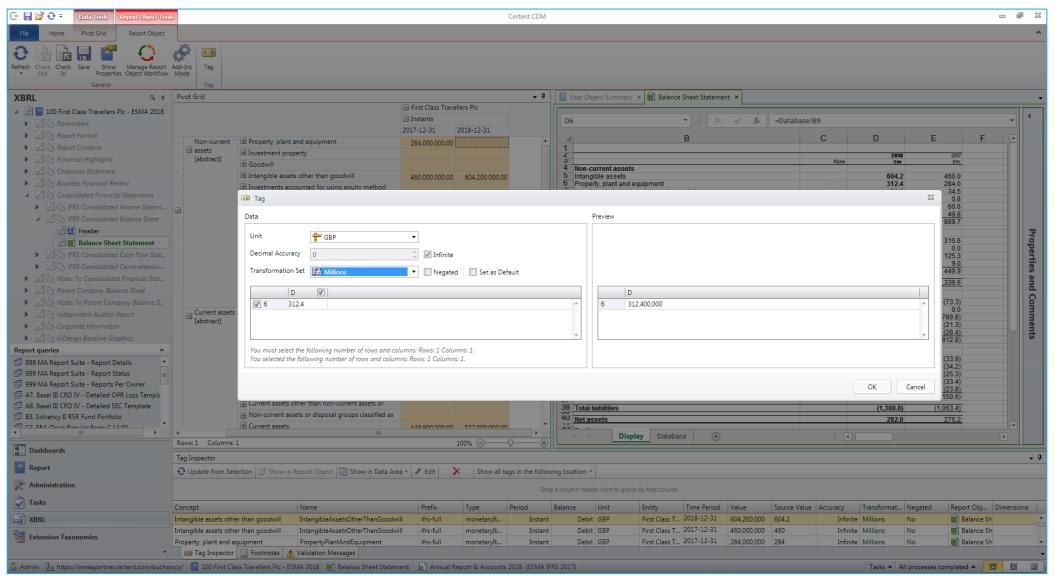




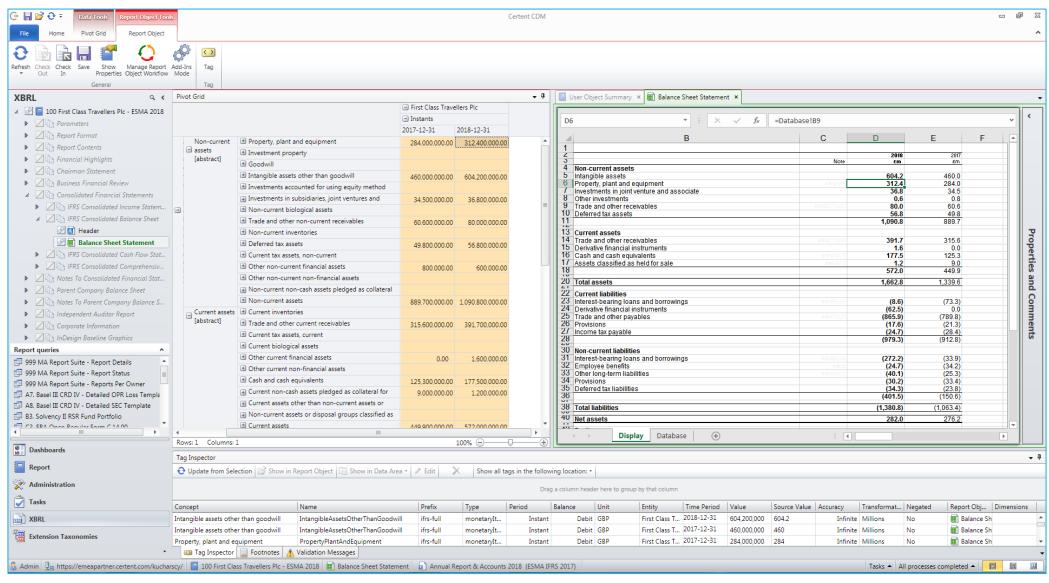




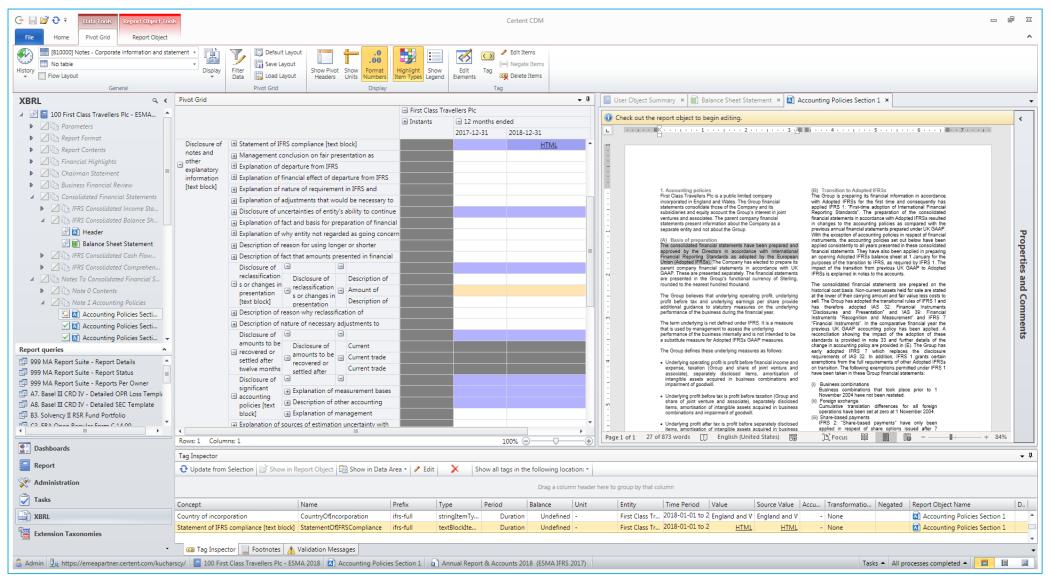




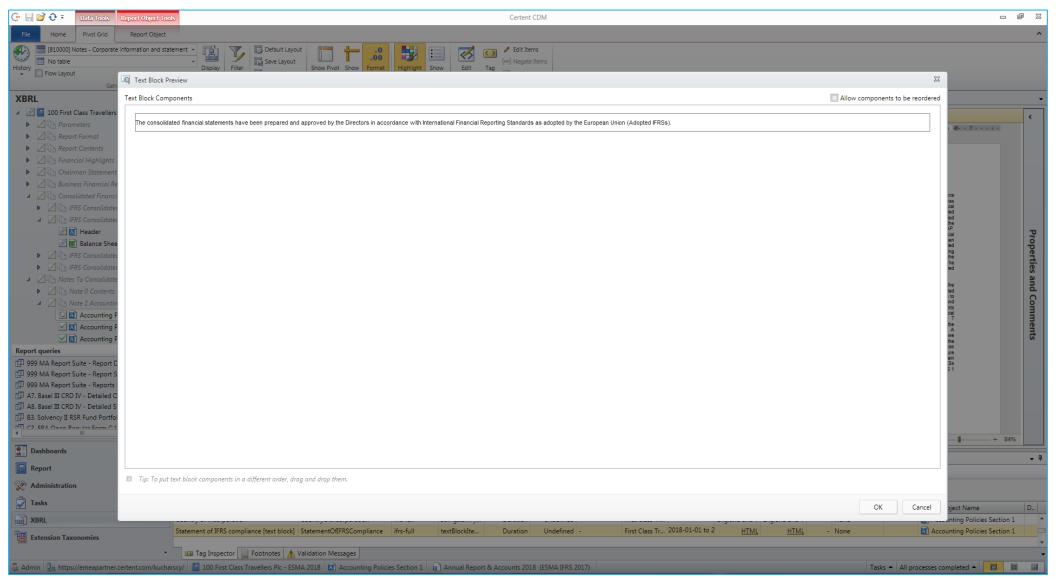


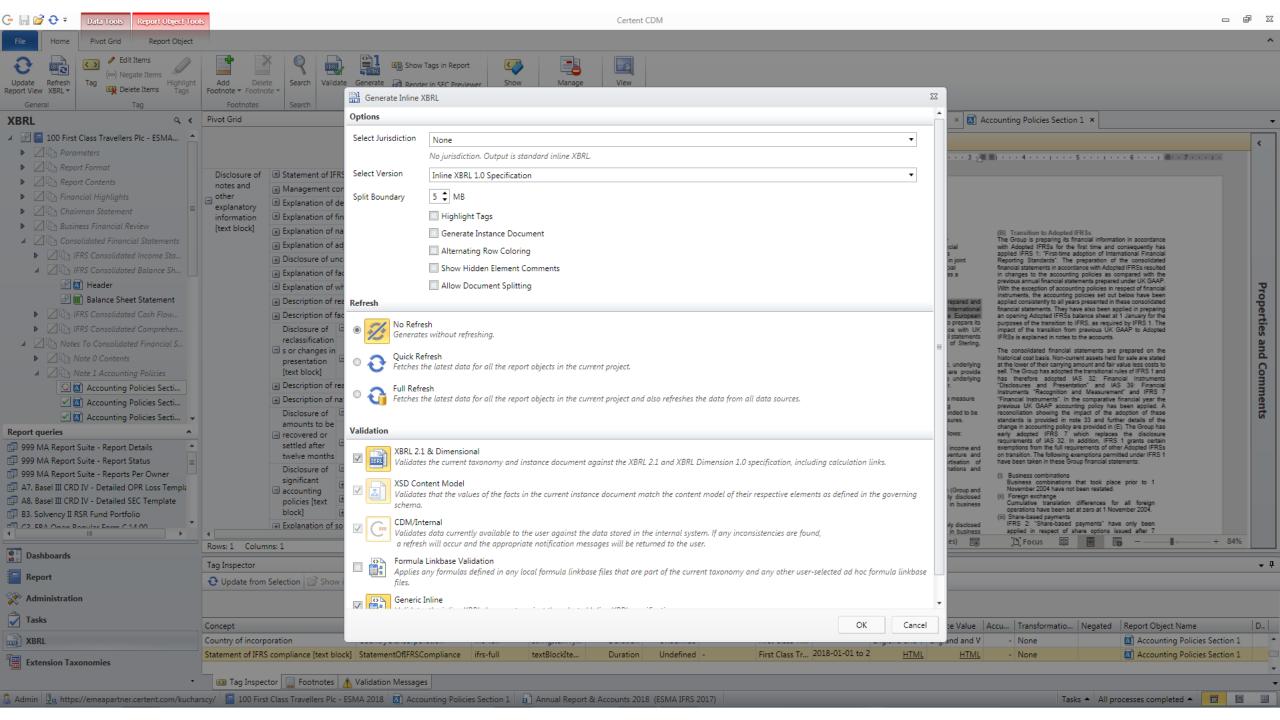




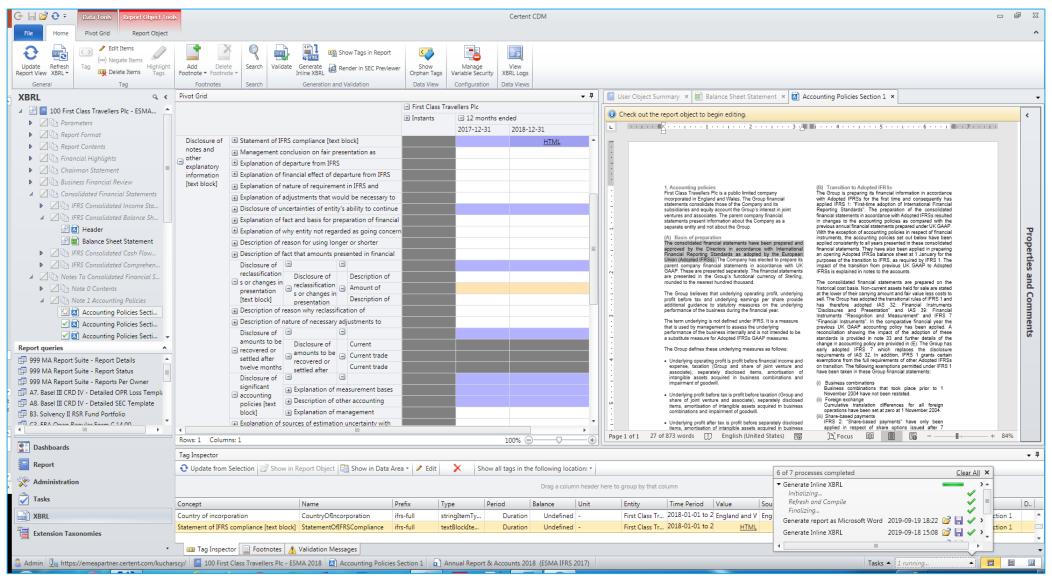




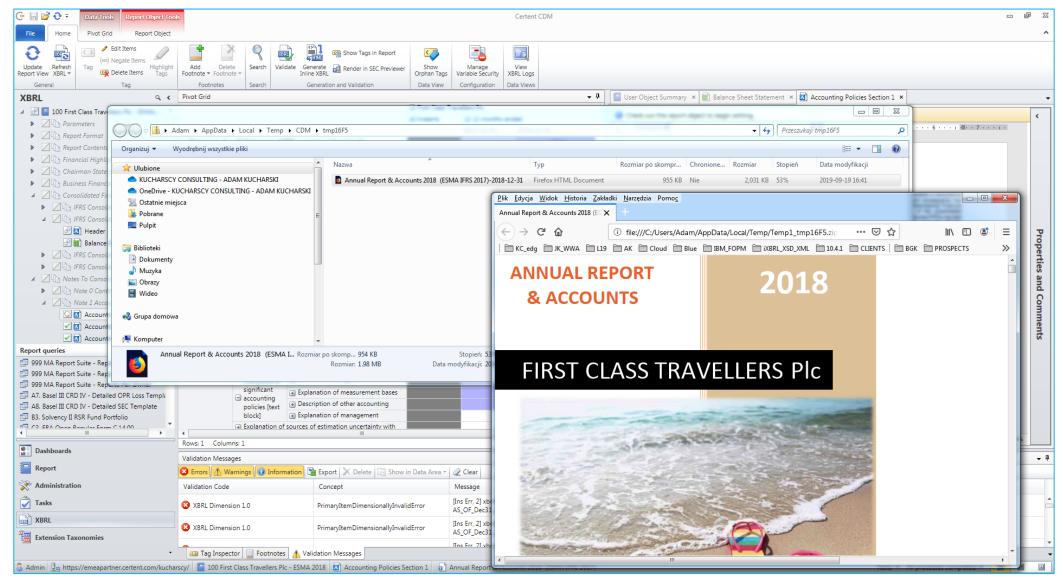




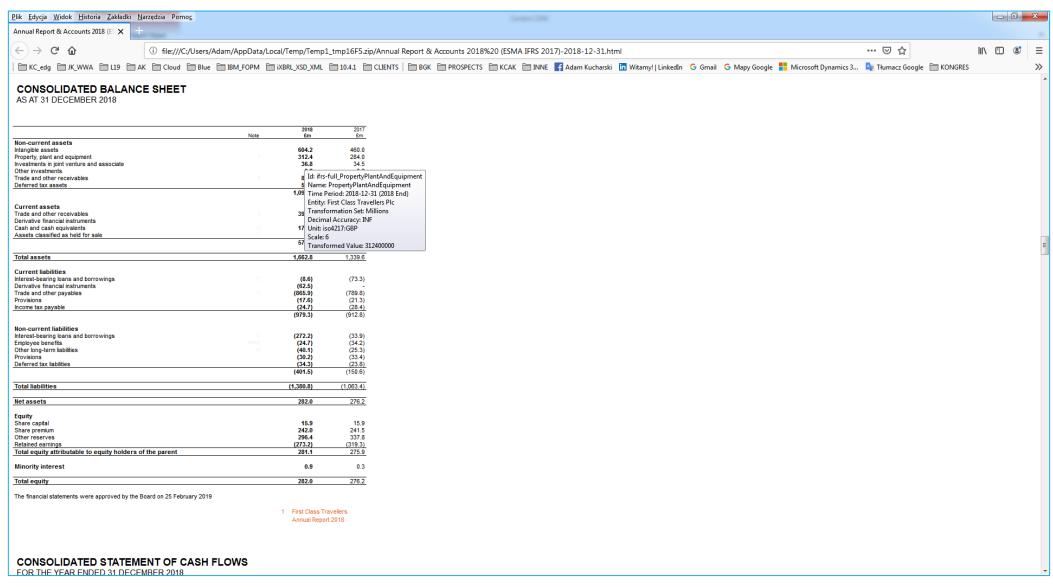














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