Recognising model data on the balance sheet

Model data (IFC): ForensicBIM example (example_critical_pumpstation.ifc)

To	Finance department
From	forensicBIM, on behalf of the public example report
Valuation date	2026-11-06
Amounts in	EUR

ISSUED BY forensicBIM
Pack PHA4-4DRE-PK62-TA8Q
Issued 2026-11-06
Valuation version 2.4.0
Scan to verify

In short

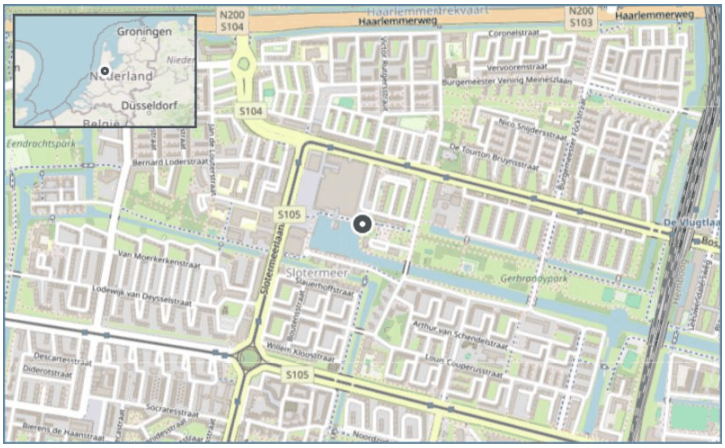
If the model data is recognised as an intangible asset at 2026-11-06, its carrying amount is **EUR 2,617**. It is then amortised straight-line over the remaining 19.79 years of its 20-year useful life, about EUR 132 a year.

The figures are those on the Valuation tab of the forensicBIM report. The attached workbook holds the same figures, an asset-register row to import into the fixed-asset module, and the full schedule. The report owner can change the useful life and currency, and on Pro also the hourly rate and the cost at recognition, on the Valuation page of the report at https://forensicbim.business/example/. Download the pack again afterwards: every figure in it follows those settings.

The asset



Model view (forensicBIM)



Location from the file's georeferencing · map © OpenStreetMap contributors

Facility	Building: Critical pump station	Main classes	IfcBuildingElementProxy 1,487 · IfcPipeSegment 1,093 · IfcWall 109 · IfcTank 60
Project (in the file)	ForensicBIM example	Asset size	15 × 12 m in plan, 11.3 m high; footprint 125 m²
Location	Korte Ouderkerkerdijk 71096 AC Amsterdam, 52.3802410662809, 4.8242558334602	Forensic BIM score™	82 / 100 (grade A)
IFC schema	IFC4 (ReferenceView_V1.2)	Interoperability risk	Medium risk: import with care
Authoring application	Software example	File size	16.6 MB
Originating organisation	National Water utility owner	Audited	2026-11-06
Objects	2,994	Processed in	Europe (Netherlands)

Element types	24

The figures

Item	Amount (EUR)	Note
Cost at recognition	2,645	reproduction cost of the data (forensicBIM)
Useful life	20 years	straight-line, no residual value
Age at the valuation date	0.21 years	since the file's export date (2026-08-22)
Annual amortisation	132	cost / useful life
Accumulated amortisation	28	to the valuation date
Net book value before impairment test	2,617	
Recoverable amount	84,417	lower end of the likely range EUR 84,417 to EUR 121,820
Impairment loss	0	none
Carrying amount if recognised	2,617	at 2026-11-06
Remaining useful life	19.79 years	to 2046-08-22
Annual amortisation from recognition	132	carrying amount / remaining life

Proposed journal entries

#	Date	Account	Debit	Credit
1	2026-11-06	Intangible assets: model data (IFC)	2,645	
1	2026-11-06	Project / design costs or assets under construction		2,645
2	2026-11-06	Amortisation of intangible assets	28	
2	2026-11-06	Intangible assets: model data (IFC): accumulated amortisation		28
3	2027-11-06	Amortisation of intangible assets	132	
3	2027-11-06	Intangible assets: model data (IFC): accumulated amortisation		132

Account names are generic: map them to the entity's chart of accounts. Entry 2, where shown, relates to the time between the file's export date and the valuation date.

Amortisation schedule

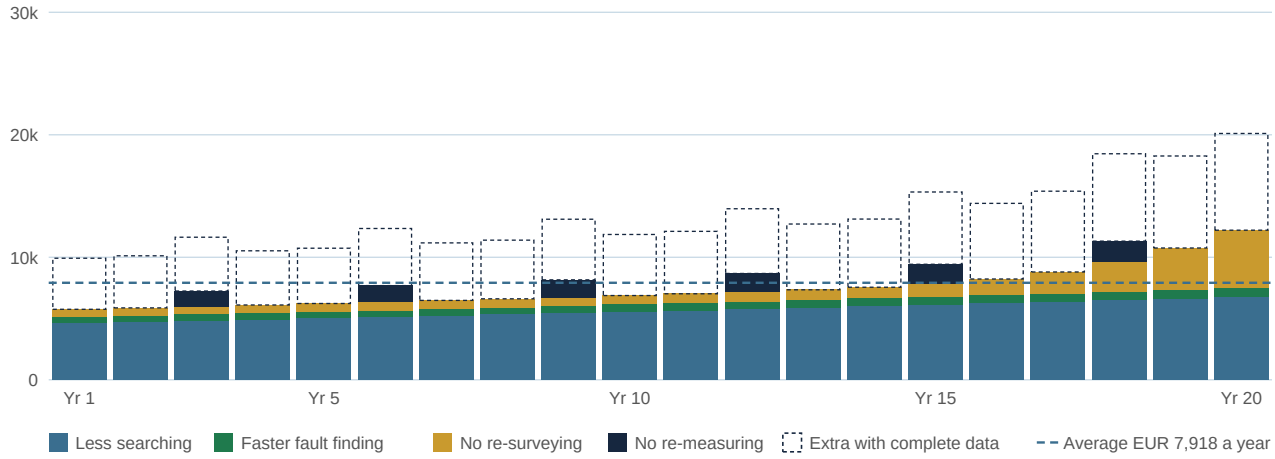
Year	From	To	Opening	Amortisation	Closing
1	2026-11-06	2027-11-06	2,617	132	2,485
2	2027-11-06	2028-11-06	2,485	132	2,353
3	2028-11-06	2029-11-06	2,353	132	2,221
4	2029-11-06	2030-11-06	2,221	132	2,089
5	2030-11-06	2031-11-06	2,089	132	1,957
6	2031-11-06	2032-11-06	1,957	132	1,825
7	2032-11-06	2033-11-06	1,825	132	1,693
8	2033-11-06	2034-11-06	1,693	132	1,561
9	2034-11-06	2035-11-06	1,561	132	1,429
10	2035-11-06	2036-11-06	1,429	132	1,297
11	2036-11-06	2037-11-06	1,297	132	1,165
12	2037-11-06	2038-11-06	1,165	132	1,033

First 12 of 20 years; the workbook has the full schedule.

Evidence for the recognition criteria

Criterion	Evidence
Identifiable	A single IFC file with its own asset ID (FBIM-EXPUMPSTATION) and SHA-256 fingerprint ffbb4ffdef285009…; separable from the physical asset, so it can be copied, transferred or licensed.
Controlled by the entity	The entity holds the file and the right to use it. Confirm this against the design or handover contract (ownership or licence of the model data).
Future economic benefits or service potential	The data as delivered saves an estimated EUR 6,488 to EUR 9,349 a year in operation and maintenance, EUR 129,752 to EUR 186,981 over its 20-year useful life (likely ranges). Its value in use (the present value of those savings) is EUR 84,417 to EUR 121,820, 32.3 times the carrying amount. Complete data would save a further EUR 108,347 over the same period (not part of the carrying amount).
Cost measured reliably	Cost at recognition EUR 2,645: forensicBIM's reproduction cost of the data, at the hourly rate shown in the evidence. Where the design or handover contract prices the model data, that amount can be used instead.

Operation and maintenance savings per year with the data as delivered (EUR)



Over the 20-year useful life, at the hourly rate in the evidence; amounts not discounted and before yearly cost increases. The same figures as the Savings page of the forensicBIM report; the workbook lists them per year.

For the accountant to decide

- Whether the evidence for the recognition criteria (identifiable, controlled by the entity, future economic benefits or service potential, a cost that can be measured reliably) is sufficient.
- Whether the data was acquired (handed over by a designer or contractor as part of the project or design fees) or generated by the entity's own staff, which is tested more strictly.
- The recognition date and cost: the pack uses the valuation date and the cost at recognition shown. Where the entity has its own cost, enter it as the cost at recognition on the Valuation page (https://forensicbim.business/example/) and download the pack again.
- The useful life of the data and whether it is reviewed each year. Change it on the Valuation page (https://forensicbim.business/example/) to see the effect on every figure.
- How amortisation for periods before recognition is presented, and whether the amount clears the entity's capitalisation threshold.

Accounting references

Framework	Where the treatment is set out
IFRS (listed companies, many others)	IAS 38 Intangible Assets; IAS 36 Impairment of Assets
EU non-listed companies	National GAAP, e.g. Dutch GAAP RJ 210 (RGS group BIva), German HGB, French PCG
UK and Ireland	FRS 102 Section 18 Intangible Assets other than Goodwill
US companies	US GAAP ASC 350 Intangibles; ASC 360 for impairment
US state and local governments	GASB Statement No. 51 (intangible assets), reported as capital assets under GASB 34
Australia	AASB 138 Intangible Assets; AASB 136 Impairment of Assets
China	ASBE No. 6 Intangible Assets; ASBE No. 8 Impairment of Assets
Japan	Japanese GAAP for intangible fixed assets and impairment of fixed assets

Evidence

Analysis ID	EX-PUMPSTATION
Report	https://forensicbim.business/example/
File	example_critical_pumpstation.ifc
Project	ForensicBIM example
File SHA-256	ffbb4ffdef285009b937a7e59ab54bce04ac6c989e4b0e7fd6a95c26c1fbdab7
File export date	2026-08-22
Audit date	2026-11-06
Valuation date	2026-11-06
Value ladder version	2.3
Valuation version	2.4.0
Hourly rate used	EUR 85/h
forensicBIM confidence	70% (High)
Generated at	2026-11-06T21:37:07+00:00
Generated by	forensicBIM (public example)
Pack ID	PHA4-4DRE-PK62-TA8Q
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Pack version	1.0

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