



# **DEX** Regulatory Suite

Financial Assessment Scheme (FTK)

This whitepaper discusses the Financial Assessment Scheme (FTK) and the services Addition Knowledge House offers supporting the FTK process.

## Financial Assessment Scheme (FTK)

The Financial Assessment Scheme (in Dutch: Financieel Toetsingskader/FTK) is the supervisory regime that applies as from 1 January 2007 to the financial position and financial policy of pension funds and insurance companies.

Pension funds have obligations ranging from a short to a very long duration. The FTK must guarantee that the commitments made on the basis of the pension plan to the participants can be honored. The FTK must therefore ensure that pension funds do not take more risk than they can bear and don't pass on the negative consequences of too much risk to future generations.



## FTK reporting

In order to be able to enforce the FTK-regulation the Dutch National Bank has defined an extensive set of reports. Market parties have to report about their financial position on a regular base. The following reporting subsets have been defined:

- funding ratio reports
- investments
- investments with a geographical breakdown
- premium reports
- regulations
- recovery plans
- feasibility test
- quarterly reporting for pension funds

**DEX**  
**DNB**

Table 864: K205 - Beleggingsrendementen      Export to Excel

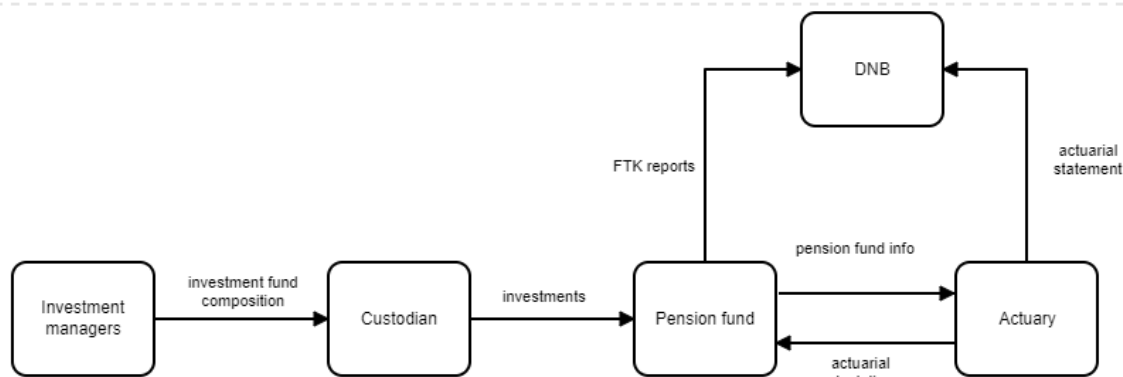
Frequency: quarterly  
Period: 2019-Q2

		Kwartaal			Year-to-date		
		Feitelijk TWR (%)	Benchmark rendement (%)	Contributie (%-punt)	Feitelijk TWR (%)	Benchmark rendement (%)	Contributie (%-punt)
		C020	C030	C040	C060	C070	C080
<b>Rendementen beleggingen voor risico fonds</b>							
. Vastgoed	010	0.65	0.35	0.95	0.48	0.85	0.32
. Aandelen	020	0.81	0.39	0.59	0.22	0.21	0.83
. Alternatieve beleggingen	030	0.14	0.44	0.48	0.88	0.99	0.22
. Vastrentende waarden	040	0.79	0.67	0.55	0.96	0.77	0.53
. Hedgefonds	050	0.2	0.02	0.79	0.26	0.97	0.42
. Commodities	060	0.58	0.77	0.75	0.06	1.0	0.74
. Overige beleggingen	070	0.34	0.83	0.1	0.37	0.96	0.73
. Currency overlay	080	0.24		0.25	0.76		0.24
. Totaal rendement beleggingen RF (inclusief currency overlay)	090	0.16	0.66		0.43	0.28	
. Rendement rente-afdekking (contributie)	100			0.2			0.12
<b>Rendementen beleggingen voor risico deelnemer</b>							
. Vastgoed	110				0.27		
. Aandelen	120				0.25		
. Alternatieve beleggingen	130				0.65		
. Vastrentende waarden	140				0.67		
. Hedgefonds	150				0.25		
. Commodities	160				0.7		
. Overige beleggingen	170				0.42		
. Totaal rendement beleggingen RD (inclusief currency overlay)	180				0.17		

Close

## FTK process

The following diagram shows the flow of information between the different participants in the FTK process.



- Investment managers send information about investment funds to custodians
- The custodians sends the FTK investment reports to the pension fund
- The pension fund sends the FTK reports to the actuary
- The actuary performs actuarial calculations and sends the result back to the pension fund
- The pension fund sends the FTK reports to the regulator
- The actuary sends an actuarial statement to the regulator

## DEX Regulatory Suite for FTK

In order to support the FTK process DEX Data Explorers offers DEX Regulatory Suite for FTK. DEX RS generates regulatory reports using the DNB specifications.

**DEX DNB**

Welcome to the DEX Regulatory Suite for DNB.

Entity:

Create a hierarchy	Create a tableversion	Define a source hierarchy	Load source system hierarchy sheet
Define source system data	Load datamodel	Create source system relation	Create sourceview
Encrypt sourcedata	Define projectscope	Define metric mapping	Load source data
Calculate cellvalues	Load expressions for validations	Evaluate expressions	Display report
Document report	Create XBRL Files	Create encrypted Mime file	Read the DNB validation results

Close

DNB has published a datapointmodel containing all definitions of the FTK reports. A datapointmodel is a database which contains all necessary information to generate the reports. DEX RS uses the information in the datapointmodel to generate the reports, validate the outcomes against the DNB validation rules and generate the XBRL interfaces. Since the reports are generated according to the DNB standards the reports are always compliant and conform the latest standards.

Below an example of an FTK report generated by DEX RS is shown.

**DEX**  
**DNB**

Table 859: K201-1 - Beleggingen voor risico fonds    Export to Excel  
 Frequency: quarterly  
 Period: 2019-Q2

		Marktwaarde	Marktwaarde	Totale Exposure	w.v. Exposure	Feitelijke weging	Normweging (%)	Normweging (%)	Normweging (%)	Z
		exclusief derivaten	derivaten		mandaat-belegging	(%)	Ondergrens	Bovengrens		
		C010	C020	C030	C040	C050	C060	C070	C080	
<b>Vastgoedbeleggingen</b>										
. Directe beleggingen in vastgoed	010	476106.0	858047.0	17148.0	927935.0	0.23	0.92	0.85	0.79	
. . w.v. residentieel	020	300361.0	649697.0	999436.0	728291.0	0.88	0.49	0.93	0.11	
. . w.v. commercieel	030	476437.0	420146.0	633783.0	988361.0	0.82	0.26	0.62	0.44	
. Indirecte beleggingen in vastgoed	040	225614.0	345193.0	376136.0	164396.0	0.76	0.62	0.38	0.56	
. . Indirecte beleggingen in vastgoed, beursgenoteerd	050	134451.0	745292.0	904116.0	593743.0	0.33	0.13	0.28	0.11	
. . . w.v. residentieel	060	360483.0	963762.0	615065.0	225974.0	0.99	0.6	0.67	0.93	
. . . w.v. commercieel	070	822780.0	625640.0	531136.0	557916.0	0.92	0.54	0.34	0.94	
. . Indirecte beleggingen in vastgoed, niet-beursgenoteerd	080	171197.0	756472.0	678830.0	732100.0	0.82	0.05	0.32	0.27	
. . . w.v. residentieel	090	747828.0	538602.0	591478.0	471147.0	0.13	0.82	0.62	0.4	
. . . w.v. commercieel	100	714697.0	405766.0	232824.0	520793.0	0.26	0.15	0.22	0.98	
. Totaal vastgoedbeleggingen	110	387467.0	851493.0	878077.0	273515.0	0.13	0.78	0.25	0.9	

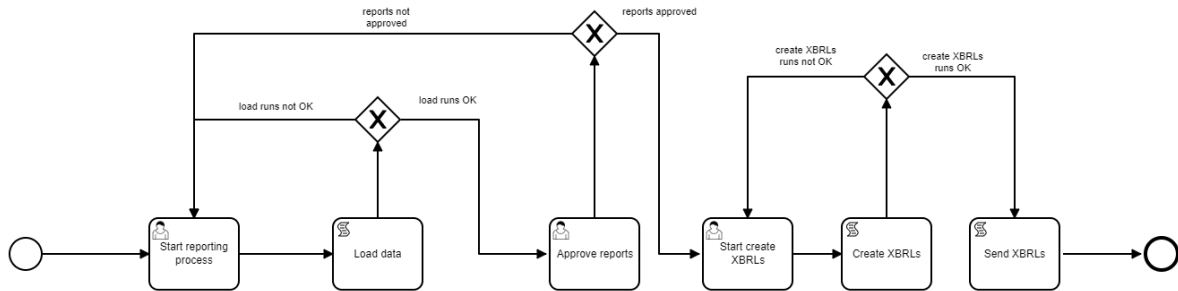
DEX Data Explorers maintains the definitions of the reports according to the regulator standards. When updates to the standards are submitted, you as a customer will receive an update on the set of reporting definitions.

DEX Regulatory Suite offers the following functionality:

- Reports generated according to the latest standards
- Analysis tools for mapping of own data sets with the DNB FTK-model
- Validation of the data according to the validation rules defined by DNB; this gives you the possibility of validating the reports before you send them in
- XBRL generation in accordance with the standards of DNB
- Processing of the feedback of DNB
- Automatically generated documentation
- Workflow support

## Workflow support

DEX RS offers workflow integration. The DEX RS functionality has been integrated with workflow systems. Users are guided through the regulatory process; manual steps are integrated with automated steps. All actions are logged.



## Design you own reports

On top of delivering the required regulatory reports DEX RS offers you the possibility of designing you own reports. This way you can reuse the data you use for regulatory reports for e.g. internal reports.

**DEX DNB**

Tableversion: 856: K050 - 856: K050 - Beleidskeuzes beleggingen

X-axisordinate: 5140586: 010 - Keuzes Y-axisordinate: 5140587: 010 - Zijn er beleggingen voor risico fonds?

ExpressionId	ExpressionCode	Type	Severity	Formula	Message
513	010513	Assignment	Signalling	self.value == self.Val('FTKFact@K050\C010R050')	Value must be equal to cell C010R050

Scope:  
 Row  
 Column  
 Cell

Select report Close

## Available solutions

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DEX Regulatory Suite supports the following regulations:

- CRD iv (COREP, FINREP, Funding Plans, Asset Encumbrance, Supervisory Benchmarking Portfolio)
- AnaCredit
- Residential Real Estate
- Deposit Guarantee Scheme
- MIFID ii
- SFTR
- Social Economic Reports
- Dutch Digital Reporting (DRA)
- Solvency
- OIRP ii
- Country Risk
- Financial Assessment Scheme (FTK)
- Tax reporting (VIA, Fatca)

## Addition Knowledge House and DEX Regulatory Suite

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[Addition Knowledge House](http://www.addition.nu) ([www.addition.nu](http://www.addition.nu)) is a reseller of [DEX Regulatory Suite](#). Addition Knowledge House delivers the following services with regards to DEX Regulatory Suite:

- implementation support
- maintenance
- business process outsourcing



Addition Knowledge House offers the possibility to outsource large parts of the FTK process.

Addition can offer the following services using DEX RS:

- collect the information of the investment managers
- send information the actuary and retrieve their information
- generate the FTK reports and distribute them to interested parties
- Create the XBRL and send it to the regulator.

Each situation is unique. Addition Knowledge House will be happy to discuss how we can support your process in an optimal way.

# DEX Data Explorers

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<http://www.dataexplorers.nl>