### **Atelier Découverte**

Où situer les solutions Argus & Voyanta dans votre suite de logiciels d'entreprise?

**08 février 2018** 





# Agenda

- FIDJI introduction
- FIDJI standard overview
- Argus introduction
- AE demo
- Q/R session



## Who is FIDJI?



Les ateliers découverte FIDJI

#### A non-profit association

- Created in early 2009 by real estate professionals
- Organised with a board of directors, business panels and working groups

#### The sole objective being:

to make FIDJI the market standard that will help its users improve performance while saving time and money.

FIDJI is an independent association supported solely by membership dues.



## Who is FIDJI?



Laurent TERNISIEN

President of the Association FIDJI

CEO of BNP Paribas Real Estate Investment Management (BNP Paribas REIM)



Eric BOUVIER

Secrétaire Général de l'Association FIDJI



Ludovic DODON
Vice-président de l'Association FIDJI
Responsable des fonction transverses pour MAAF, MMA, GMF
chez Covéa immobilier



Guillaume FIASTRE
Vice président de l'association FIDJI en charge de l'international
Président de TALIANCE



Carine DASSE

Trésorière de l'Association FIDJI

Vice Président, Client coverage France

MSCI - IPD France & Europe du Sud

#### THE BOARD

#### A non-profit association

- Created in early 2009 by real estate professionals
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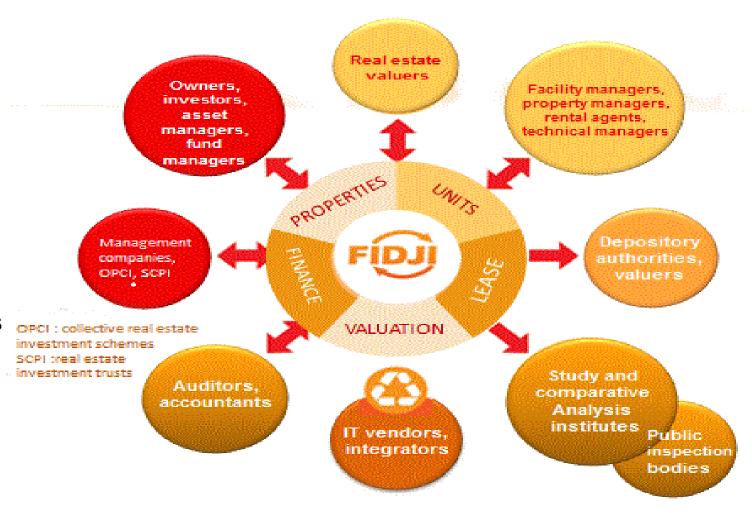
to make FIDJI the market standard that will help its users improve performance while saving time and money.

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## What is FIDJI?

- fIDJI is the French standard for exchanging real estate data amongst the industry's actors:
- Investors, real estate companies, users
- Asset, property and facility managers
- Real estate valuers, trustees
- Market research organisations, MSCI

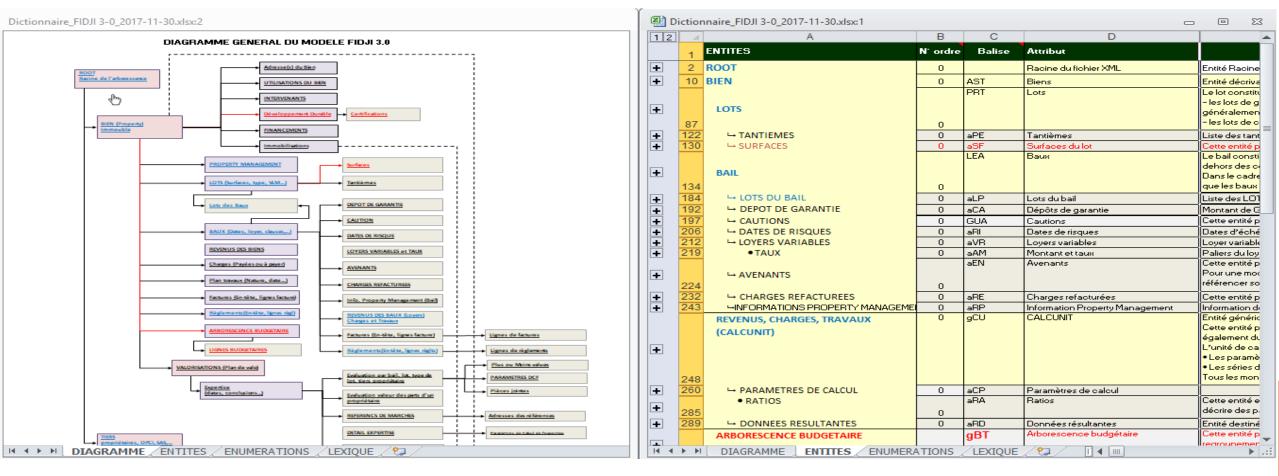






## FIDJI is also...

A framework for structuring your information system – a Real Estate dictionary



## The FIDJI association consists of major real estate industry players



























































































TURN OVER BY PÉRIOD (gCU)

RATIOS (aRA) RESULTING DATA (aRD)

RATIOS (aRA)

RESULTING DATA (aRD)

VALUATIONS (APP)

RESULTING DATA (aRD)

CALCULATION PARAMETERS (aCP) ... RESULTING DATA (aRD)

CALCULATION PARAMETERS (aCP)

GAINS OR LOSSES (PMA)

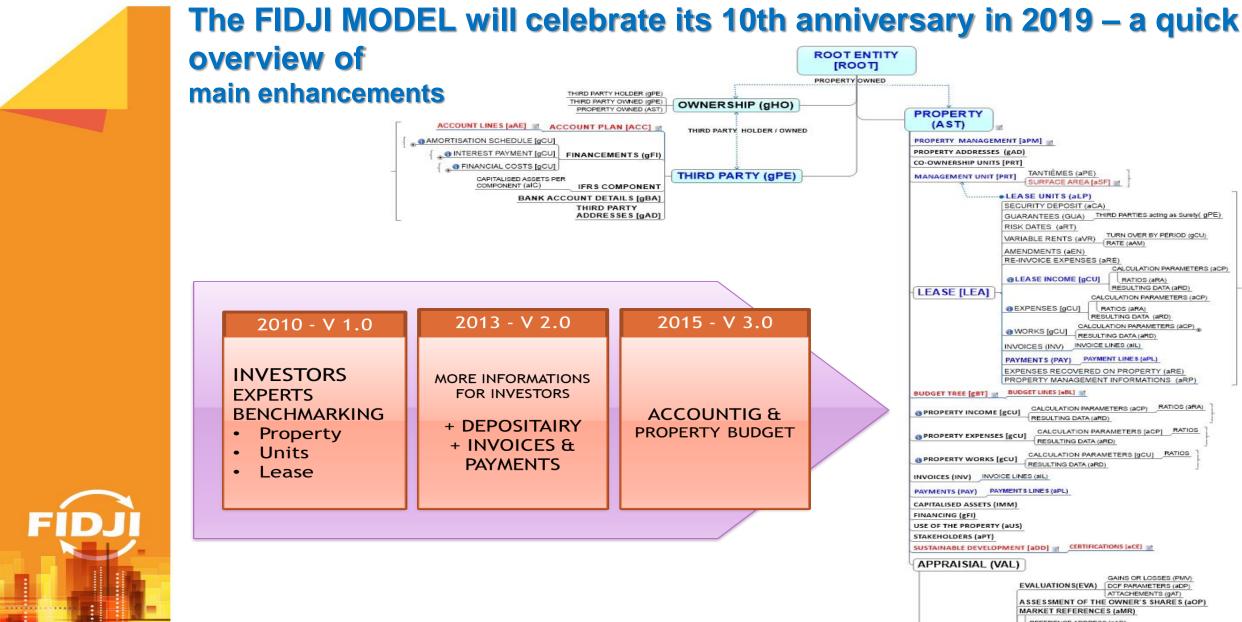
VALUATION DÉTAILS (aAL) CALCULATION PARAMETERS (BAC)

EVALUATION PER IFR'S COMPONENT (aCM)

ATTACHEMENTS (QAT)

ATTACHEMENTS (gAT) DOCUMENTS (aDO)

CALCULATION PARAMETERS (aCP)





# Who is FIDJI compliant?

CAPACITE DES SYSTEMES D'INFORMATION A UTILISER FIDJI  * Adhérents FIDJI									
	PRODUITS	EDITEURS	Fidji Compliant	Sens du flux					
GESTION	Global Asset ** [FinAsset-FinExpert]	TALIANCE*	_	Import/Export					
	ALTAIX	SOPRA-STERIA*	•	Export					
	ULIS	SOPRA-STERIA	•	Import					
	PREMIANCE **	SYSTE CERTIF	M.E.	Import/Export					
	ESTIA	CASSIOPAE*	•	Export					
	ThetraWin **	SEIITRA SYSTE	_	Export					
	Even	EGIDE Informatique*	•	Export					
	YARDI		Spécifique	Export					
	SAP		Spécifique	Export					
REPORTING	Alhambra	HERDIA*	•	Import					
	SAFIR FIDJI **	HERDIA*		Import/Export					



### FLOW CHART PROPERTY MANAGER & REAL ESTATE INVESTORS

ISSUER OR						
SOCIETY	Role 📮	Software	Type	RECIPIENT		
■ PROPERTY MANAGERS						
BNP PARIBAS RE-PM	ISSUER	ALTAIX	INVESTISSEUR	COVEA IMMOBILIER		
UNIBIENS (C. A. Immobilier)	ISSUER	THETRAWIN	INVESTISSEUR	AMUNDI		
-				C.A.INVESTISSEMENT		
CUSHMAN & WAKEFIELD PM	ISSUER	YARDI	INVESTISSEUR	BNP REIM		
ICADE PM	ISSUER	ALTAIX	INVESTISSEUR	DEUTCH BANK		
	ISSUER	ALTAIX	INVESTISSEUR	COVEA IMMOBILIER		
LOISELET DAIGREMONT	ISSUER	SPECIFIQUE	INVESTISSEUR	AGRICA		
SAVILLS	ISSUER	PREMIANCE	INVESTISSEUR	GENERALI		
	ISSUER	PREMIANCE	INVESTISSEUR	UNION INVESTMENT		
TELMMA PROPERTY GROUP	ISSUER	ESTIA	INVESTISSEUR	SWISSLIFE		
■ REAL ESTATE INVESTORS						
ADP - Aéroports de Paris	ISSUER	SAP	BENCHMARKING	MSCI - IPD		
				CBRE VALUATION		
AFFINE	ISSUER	PREMIANCE	EXPERT	CREDIT FONCIER		
				BNP Expertise		
ALTAREA	ISSUER	ALTAIX	BENCHMARKING	MSCI - IPD		
BNP PARIBAS REIM	RECIPIENT	SPECIFIQUE	PROPERTY	CUSHMAN & W		
	ISSUER	FINASSET	EXPERT	Vers les experts		
			DEPOSITAIRE	BNP SECURITIES SERVICES		
COVEA Immobilier Asset Management	RECIPIENT	ULIS	PROPERTY	ICADE PM		
	RECIPIENT	ULIS	PROPERTY	BNP PARIBAS REPM		
GENERALI REAL ESTATE	ISSUER &	FINASSET	EXPERTS	CREDIT FONCIER		
	RECIPIENT			BNP EXPERTISE		
				CATELLA		
				CBRE Valuation		
				ROUX REAL ESTATE VALUATION		
				DTZ		
LA FRANCAISE AM	ISSUER &	PREMIANCE	EXPERT	CBRE VALUATION		
	RECIPIENT			CREDIT FONCIER		
				BNP Expertise		
				CUSHMAN & W		
PERIAL AM	ISSUER	PREMIANCE	BENCHMARKING	MSCI - IPD		



### FIDJI FLOW CHART - PROPERTY EXPERT & BENCHMARKING

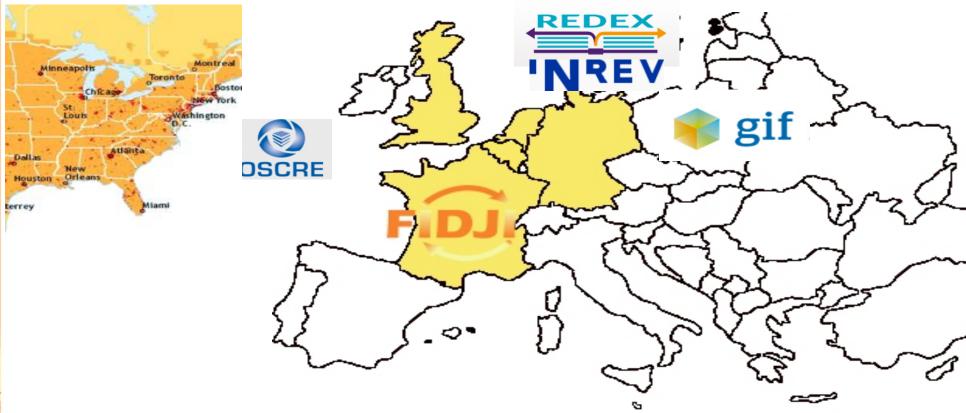
SOCIETY	Role	Software	Type	ISSUER OR RECIPIENT
■ PROPERTY EXPERTS				
CATELLA VALUATION ADVISORS	RECIPIENT	FINEXPERT	INVESTISSEUR	GENERALI
CBRE Valuation	RECIPIENT & ISSUER	FINEXPERT	INVESTISSEUR	LA FRANCAISE GENERALI
	RECIPIENT & ISSUER		INVESTISSEUR	AFFINE
CREDIT FONCIER EXPERTISE	RECIPIENT & ISSUER	FINEXPERT	INVESTISSEUR	LA FRANCAISE GENERALI
	RECIPIENT & ISSUER		INVESTISSEUR	AFFINE
CUSHMAN & W Expertise	RECIPIENT & ISSUER	FINEXPERT	INVESTISSEUR	LA FRANCAISE
ROUX REAL ESTATE VALUATION	RECIPIENT	FINEXPERT	INVESTISSEUR	GENERALI
BNP EXPERTISE	RECIPIENT & ISSUER	FINEXPERT	INVESTISSEUR	GENERALI LA FRANCAISE AM
	RECIPIENT & ISSUER	FINEXPERT	INVESTISSEUR	AFFINE
DTZ Expertise	RECIPIENT	FINEXPERT	INVESTISSEUR	GENERALI
■ AUDIT - BENCHMARKING				
BNP SECURITIES SERVICES	RECIPIENT	ACCESS	INVESTISSEUR	BNP REIM LA FRANCAISE
IPD   An MSCI Brand	RECIPIENT	SPECIFIQUE	INVESTISSEUR	AMUNDI GENERALI LA FRANCAISE PERIAL AM



## International cooperation with IREDEC



Since 2016 IREDEC launched an international collaboration for the real estate standards data exchange. The goal is to enable Real Estate data exchanges between investors and their international partners.





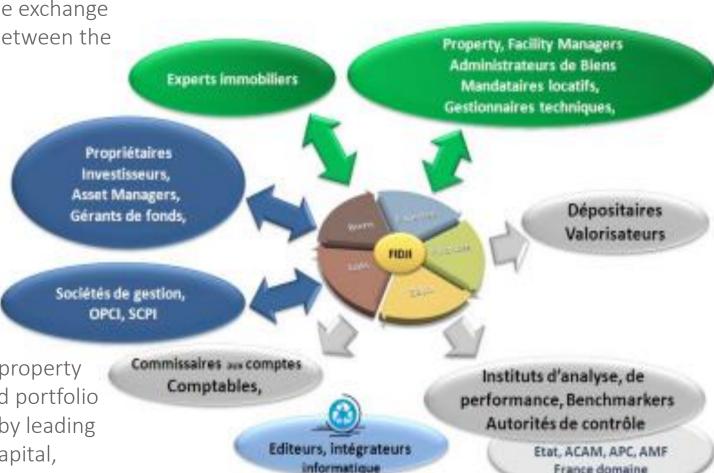






## Fidji Association

FIJI is a common language that formalizes the exchange of quantitative and qualitative information between the various players in the real estate market



ARGUS Enterprise is the global standard for property valuation and most comprehensive asset and portfolio management solution in the world. Trusted by leading investment firms to value property, secure capital, manage assets, and generate wealth.

#### **Altus** Analytics

France domaine

## Why Altus

Connecting the global commercial real estate industry



## Altus Group At a Glance



### **Our Solutions**

#### Market Leading Software, Data and Advisory Services

## ARGUS Enterprise

Valuation, Asset & Portfolio Management

Investment Analysis, Acquisition & Disposition

Sensitivity & Scenario Analysis

**Budgeting and Forecasting** 

Performance Reporting

### ARGUS Developer

Development Feasibility & Time Scaling

Scenario Analysis

**Financial Structures** 

Cost Control & Project Monitoring

**Investor Returns Forecasting** 

### Voyanta

Data Collection & Aggregation

Data Validation

Portfolio Analytics

Self Service Reporting

**ARGUS** Enterprise Integration

### Advisory

Valuation Management

Due Diligence

Market Research

Benchmarking Analysis

Performance Attribution

#### **Altus** Analytics

## **ARGUS Enterprise – Off The Shelf**

Valuation - Asset & Portfolio Management - Investment Analysis - Sensitivity Analysis - Budgeting



Office



Industrial



Retail



Leisure



Alternatives



PRS



**Care Homes** 



## **ARGUS Enterprise**

#### **Budgeting**

Direct Acct/PM Integration

Compare Actuals to Budgets to Forecasts

Approvals & Reforecasts

#### **Valuations**

All Major Global Methods Comprehensive Reporting Excel Add-in

## Asset & Portfolio Management

Asset Business Planning
Property & Portfolio KPI Dashboards
Detailed Reporting

#### **Sensitivity Analysis**

Alternate Turnover & Expense Scenarios

Market Risk Impact Assessments

Stress Testing

#### **Investment Analysis**

Market Assumption Modelling Value-add Scenario Analysis Acquisition / Disposition Impact

#### **Altus** Analytics

## **Global Industry Standard for CRE**



Trusted partner to premier global REITs, financial institutions, brokers, lenders and assets managers

## **ARGUS Voyanta**

Data Management - Validation - Business Intelligence - Data Warehouse

"Your single version of the truth"



Collection



Consolidation



Reporting



Analysis

## Voyanta



#### All Of Your Data In One Place

Consolidate data from any source, internal or external, into a centralized single source of the truth.

FIND OUT MORE



#### Information You Can Rely On

Make fact based decisions, with confidence, knowing that your analysis is based on complete and accurate information.

FIND OUT MORE



#### Powerful Analytics

Access your data any time, any place, with flexible online dashboards and reports and powerful MS Excel integration.

FIND OUT MORE



## The Power Of The Cloud

Quick and low cost implementation, no maintenance headaches.

FIND OUT MORE

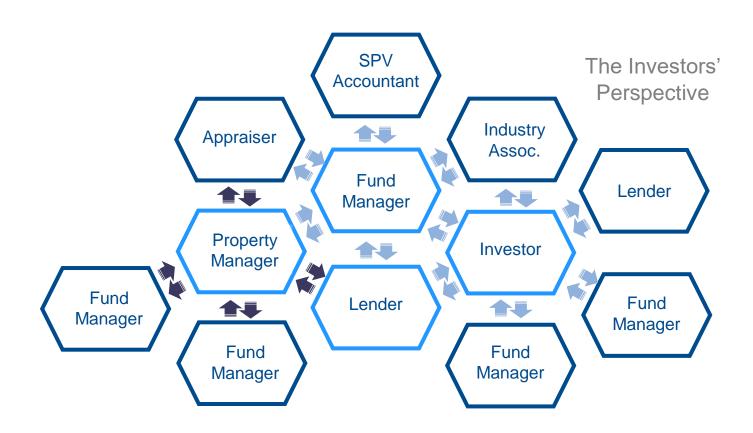


#### Security And Peace Of Mind

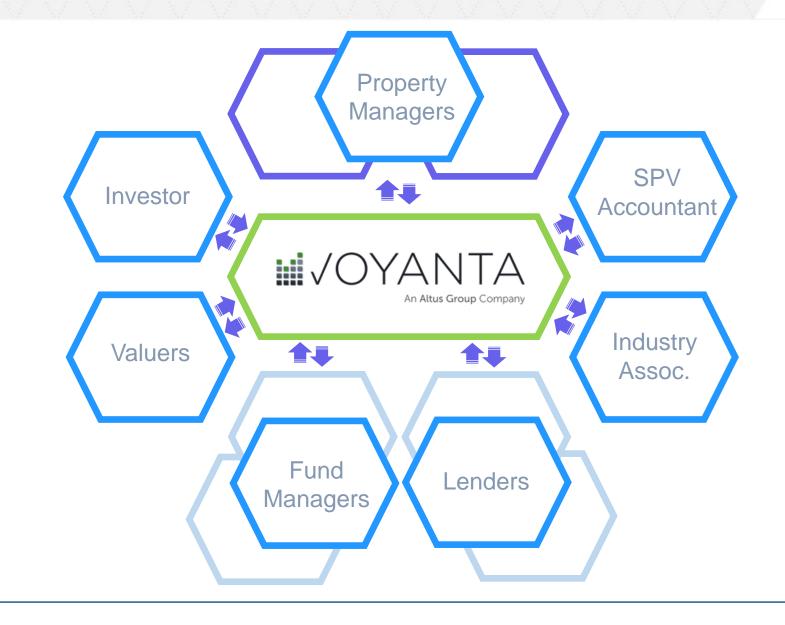
Certified and audited to the ISO-27001 security standard.

FIND OUT MORE

## **Voyanta: The Data Problem in Real Estate**



## **Voyanta The Data Solution in Real Estate**



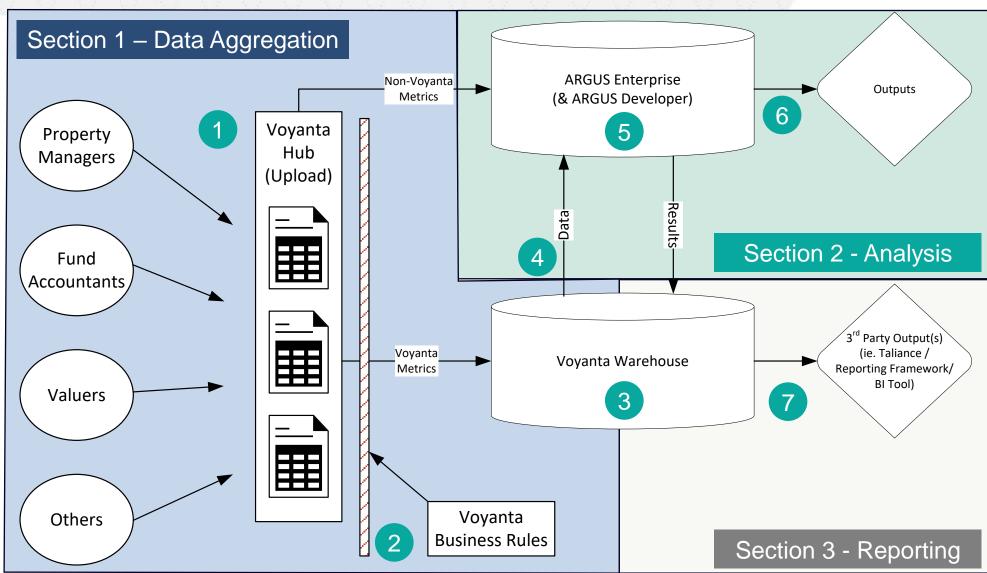
**Altus** Analytics

## The world's leading real estate companies use Voyanta.



We are proud to serve customers who collectively manage over \$300B of real estate

## **Altus Analytics Solution**



**Altus** Analytics

### **Contact Us**

Have any questions?

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