

Arachne Risk Scoring Tool

HU-Budapest-Interreg Arachne & Irregularities 6th November 2018

European Commission – DG EMPL



Article 125 (4)(c) of the Commission Regulation (EU) No 1303/2013

Managing authorities have to "put in place <mark>effective and proportionate anti-fraud measures</mark> taking into account the risks identified"

The European Commission wants to provide the managing authorities with a tool which can help them to comply to this article 125.4(c)





- I use Arachne when I need it
- I use arachne according to my methodology
- I use the fonctionalities not available in my own system
- arachne does not replace my national system but is a complementary tool
- I can propose ideas to improve the tool





- I use Arachne when I decide to..
 - I do not need to key in data : only consultation
 - All data is coming from the IT system of the program
 - Ex: eMS, UMIS, Synergie ..
 - IT support is provided to help in constructing the files
 - This is a « one shot job » after all is automated (IT related)
 - User just needs to consult risks computed on their projects





- I use Arachne when I need it – From previous experience :

Check if the lead partner or other partner are inexperienced partners .. Newly created company involved into projects

- partners with large budget

check with arachne the allocation of funds to companies Check the list of projects in which a company is involved





- I use Arachne to check trans national companies :

Check hierarchy view of a company to see its involvment in other EU countries or non EU countries

Worldwide checks can be done with arachne for companies and person registered as owners of the companies worldwide





- ARACHNE is an integrated IT tool for data mining and data enrichment.
- **Goal:** provide the Managing Authorities with an **operational tool** to **identify:**
 - 1. their most risky projects/contracts
 - 2. potential risks linked to all their projects and contracts
 - 3. Irregularities on the future and current projects
- **Objective:** support managing authorities in their administrative controls and management checks in the area of Structural Funds.
- **Benefits:** ARACHNE can increase the efficiency of projects selection, management verifications and strengthen irregularities/fraud identification, prevention and detection.





Arachne evolution



Arachne major milestones



- Users: +/- 4.300
- Operational Programmes: 171 OPs (2014-2020)

228 Billion €

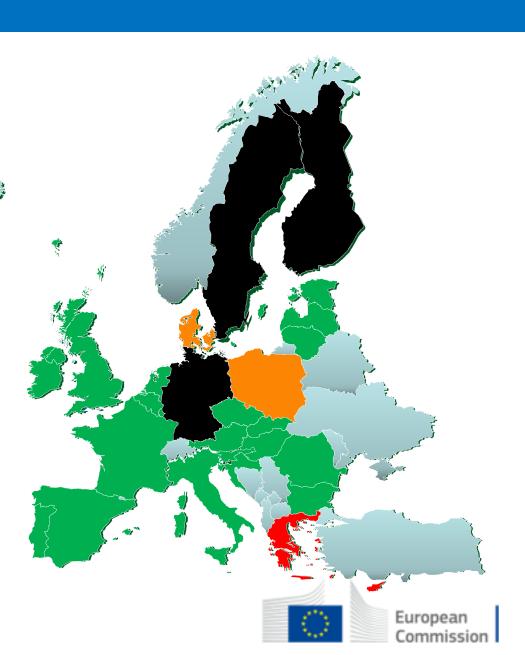
- Projects: 281.451
 Beneficiaries: 88.465
- Contracts: 193.843
- Expenses : 2.590.651
- Available in 23 languages



Status in Member States

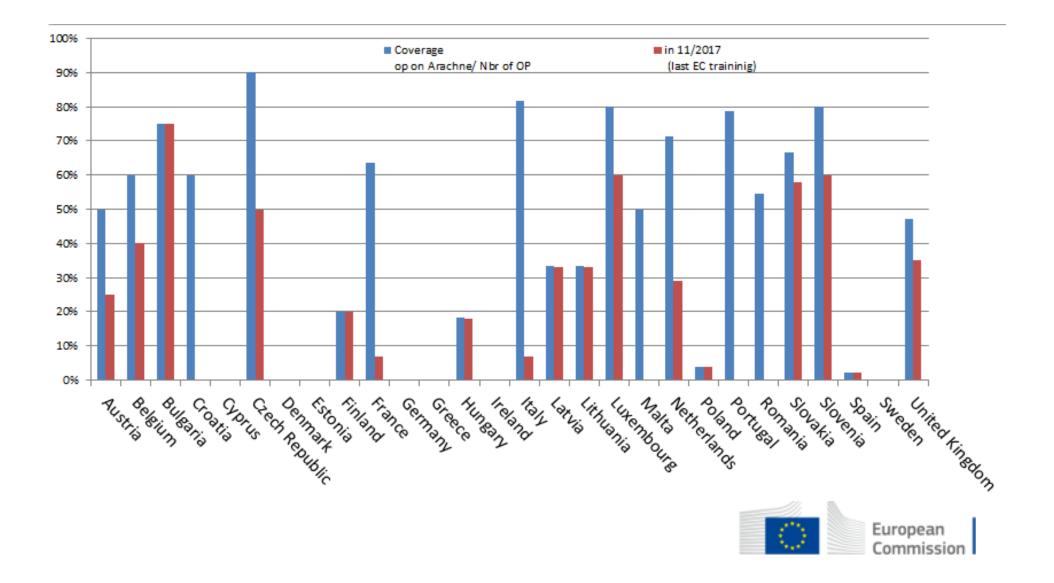
state: 10/2018

- 21 are involved into Arachne:
- 20 using Arachne IT,PT,CZ,RO,HR,BE,AT,LV, LT,LU,BG,HU,ES,FR,SK,EE, UK,MT,NL,SI (*)
- 1 is creating/finalising their files IE (*)
- * at least 1 operational programme
- 2 In 'reflexion' phase DK,PL
- 2 No feedback GR,CY
- 3 Not using Arachne DE,SE,FI



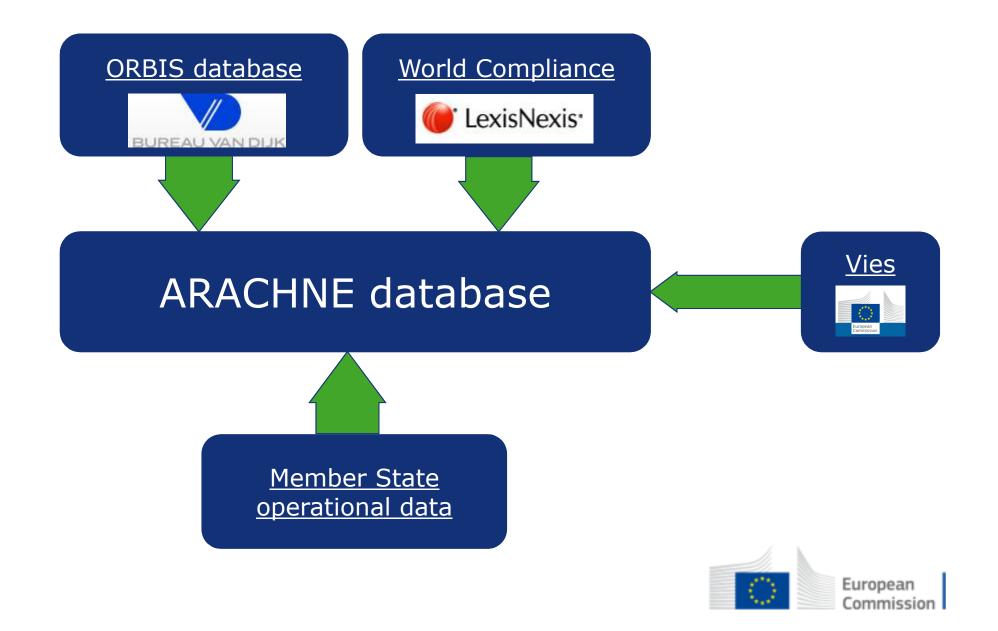
Available data evolution

period 2014-2020 state: 10/2018





Arachne – data sources





Arachne – Internal operational data

Project data

- Project ID
- Project description
- Status
- Beneficiary
- Start date / end date
- EC Financial Assistance
- Total project cost
- Type of project
- Project partners
- Project details
- Related people

Contract data

- Contract ID
- Contract description
- Date signature
- Initial end date / Final end date
- Contractor / Subcontractors
- Amount
- Nbr Addenda / Amount of addenda
- Key experts
- Procurement information
 - Туре
 - Tenders : valid / excluded / Total
 - Publication date

Expenses / invoices

- Expense ID
- Expense Type
- Description
- Amount
- Contractor
- Invoice date
- Payment date







• Orbis has information on :

Companies : +/- 290 million companies worldwide (active and inactive)

- Ownership information (shareholders, subsidiaries, participation rate, ...)
- Financial data of the company (turnover, cash flow, solvency ratio, ...)
- Address information
- Related people (directors, senior management, contact people, ...)
- Indicators like credibility and bankruptcy

Persons : +/- 146 million persons

- First name, last name, Age
- Number of affinities, number of companies and role in company
- The data is collected from publicly available information such as official annual reports or balance sheets submitted to regulatory bodies
- The level of details available in the database varies by country and company size
- All data available in Arachne





- World Compliance collects, aggregates and centralizes :
 - **PEP lists** (politically exposed person)
 - Sanctions lists (OFAC lists (Office of Foreign Assets Control), World Bank Debarred Parties List, CBI List (The Central Bureau of Investigation), ...)
 - Enforcement list (EU Terrorism List, FBI Most Wanted, Interpol Most Wanted, Narcotic & human traffickers, Money launderers, fraudsters and other criminals, ...)
 - Adverse media list (company or person that have been linked to illicit activities by news sources)
- The data is received from regulatory and governmental authorities (except for adverse media list)
- Information is only accessible through the Arachne alert details (It won't be possible for a user to explicitly retrieve these information for a given company/person)





 Validating VAT-identification numbers of economic operators registered in the European Union for cross border transactions on goods or services

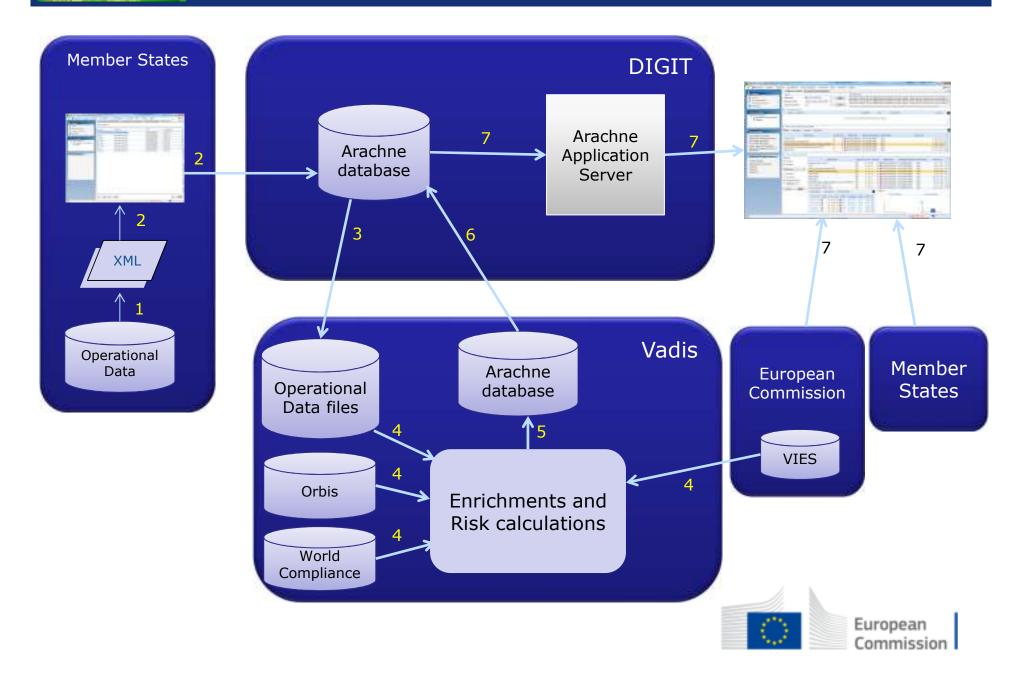
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http://ec.europa.eu/taxation_customs/vies/



ARACHINE

Arachne – data flow





Arachne – Risk categories



7 Risk categories

Procurement	Contract Mgt	Eligibility	Performance	Concentration	Reasonability	Reputation & Fraud
6 risks	11 risks	9 risks	18 risks	13 risks	15 risks	30 risks

			Some exam	ples		
 Lead time between publication of tender and contract signature Nbr of valid tenders vs received tenders Financial correction 	 Contractors with invalid VAT Nbr Contract amount versus turnover of the contractor Contract addenda cost vs contracted amount 	 Payments outside eligibility period Duplicate amounts within expenses Expenses higher than project cost 	 Nbr of people trained vs people to be trained Project cost vs km road constructed Water waste cost vs population to benefit 	 Beneficiaries involved in multiple projects/OP's Contractors involved in multiple projects/OP's Subcontractors involved of multiple projects of the same beneficiary 	 EC Fin. Assistance vs project cost Administration cost vs project cost Seminars- publishing costs vs project cost 	 Propensity of Bankruptcy Link between beneficiary and (sub)contractors Involvement in Saction and enforcement lists Involvement in sensitive regions Change of company name / address/ activity / directors





ARACHINE







Welcome window D Projects

Projects

Member state = (Falos country)

FAKE-Project-10208 FAKE-Project-02409 FAKE-Project-02409 FAKE-Project-04408 FAKE-Project-04408 FAKE-Project-06008	FDvC 01 03 01-01-00208 FDvC 01 03 02-00-00409 FDvC 01 03 01-00-04408 FDvC 01 03 01-00-04408 FDvC 010		0	32.0	42.52	-	-		300 1.5	6 4	Project type					
II FARE-Project-04458 II FARE-Project-oupervision1 II FARE-Project-06058	FDVC.01.03.01-05-044/08 FDVC.016	-	-			40	-0	-0			es Energy eff. Urber	(Fake country)	Ministerie 2	999904399900001	Closed	1.921.983,81
III FAKE-Project-supervision1 III FAKE-Project-060/08	FDVC.016			31.0	+0	-0	21 😳	20 C)	25 💭	40 🔾	21 ESF	(Fake country)	Mexateria 3	9999044999000001	Cloved	977.284,60
II FAKE-Project-060/08			•	22 🕡	26 🤤	45 😳	11.0	1260		.12.4	48 ESF	(Fake country)	Ministerie 2	999904299900001	Closed	256.852,84
	EDVC 61 03 01-06-065/08	+		24 😡	15.0	30 @	-0	-0	20 🚭	22 📦	a a Solid weste	(Fake country)	Ministeria 10	99990489900001	Closed	50,00
	Contraction of the second	+	0	27 🥥	40	340	-0	-0	28 🚭	00	25 -	(Fake country)	Ministerie 2	999900489900X001	Closed	958.553,44
EL FAKE-Project-003/08	FDVC-01.01.00-00-003/08		0	360	+0		26.0	100	. 21 🐺	40	27 Energy off Urban	(Fake country)	Messterie 1	999906499900002	Closed	25.900.002,00
H FAKE-Project-023/08	FDVC.01.03.01-00-023/08	10	0	56 🤤	ES 😳	36 1	120.00		25 🐨	00	44 ESF	(Felse country)	Ministerie 2	999906489906X001	Closed	445.525,73
H FAKE-Project-045/08	FDVC.01.02.00-00-045109	22	0	350	41 ()	32.0	-	38 G	300	20 📿	2.E Rad	(Fake country)	Mexisterie 2	99990499900001	Closed	\$0.654.270,00
III. FAKE-Project-SME4	FDVC.008	16	0	260	+0	-0	-0	22.0		24.0	22 SME	(Fake country)	Ministeria 10	999900499900001	Closed	12.245,0
E FAKE-Project-002/06	FDVC.01.03.01-00-000/08	+	0	250	42.00	50 @	1100	00	20 🥁	04	46 ESF	(Fake country)	Mexaterie 2	999904499900001	Closed	1.921.999,61
H FAKE-Project-258/10	FDVC.01.03.01-00-258/10	Assigned	0	250	160	140		100	20.00	86	28 Energy eff. Urben	(Fake country)	Manistaria 3	10000666406666	Open	1.259.724,0
III FAKE-Project-ExtProx	FDVC.017	+	0	150	15.0	20 0	-0	40	+2.0	22 🔾	26 Solid weste	(Fake country)	Ministerie 11	99990489900001	Closed	20,0
II FAKE-Project-012/08	FDVC:01.01.06-06-012/08	12	0	240	+0	-0	-5	-0	28 6	250	22 -	(Fake country)	Ministeria †	9999004899000001	Open	187.000.000,0
E FAKE-Project-007/08	FDVC-01.01.05-05-067/08		0	220	-+0		-0	-0	+1 -	40 0	21 -	(Fake country)	Mexisterie 1	10000666406666	Cloued	4.140.431,0
E FAKE-Project-027/08	F0VC.01.03.01-00-027/08	14		230	-0	-0	-0	-0	- 24 100		48 ESF	(Fake overlap)	Managrie 2	99994499990001	Clused	241.241,5
B FAKE-Project-188/09	FDVC-91.03.91-00-188/09	+	0	250	-0	-0	+0	80	35 🐨	00	38 -	(Fake country)	Ministerie 3	999904489900002	Closed	439.652,0
E FARE-Project-197/09	FDVC.01.03.01-00-197/09	14	0	28 📦	550	200	-0	100	210	80	32 Water waste / supply	(Fake country)	Ministerie 3	999304499300001	Closed	86.840,0
E FAKE-Project-407/08	FDVC.02.03.04-00-007/08		0	200	40	-0	-G	+0	100	40 0	21 ESF	(Fake country)	Ministerie 58	99990KA9990CN001	Closed	4.000.140.621.0
E FARE-Project-020/06	FDVC 01.02.00-00-020/08	18	0	72 0	39 2	60.02	10	80.0	21.9	10	pe Rail	(Fake country)	Ministerie Z	99950439900001	Closed	64.955.550,0
E FARE-Project-045/08	FDVC.01.03.01-00-046/08	1	0	220	200	40 0	1r@	00	22 6	84	35 Rai	(Fake country)	Ministerie 2	#99804399900001	Closed	888.332.5
E FAKE-Project-003/08	FDVC-01.01.00-00-003/08	16	0	21.0	+0	-0	-0	-0	25.0	320	ze Energy of Urban	(Fake country)	Ministerie 1	399304399300001	Closed	38.900.002.0
E FARE-Project-011/08	FDVC.01.01.00-00-011/08	4	0	110	22.0	110	21 0	100	25 6		37 ESF	(Fake country)	Ministerie 1	99990439900001	Closed	1.110.004.0
E FARE-Project-026/09	FDVC.01.03.02-00-025/09			21 😡	110	70 1	-0	125.0	22 -	00	ar Road	(Fake country)	Ministerie 3	999904399900001	Open	8.858.447,5
B FAKE-Project-003/09	FDVC.51.02.00-00-003/09		0	20 4	25 0	15 🖓	110	- 40	25.4	00	21 ESF	(Fake country)	Ministerie 2	999504499500001	Open	8.477.877.0
E FARE-Project-226/10	FDVC.01.03.01-00-226/10	12	0	200	-0	-0	-0	-0	25.00	60	37 -	(Fake country)	Ministerie 3	99990439900001	Open	1.917.167.0
E FARE-Project-232/10	FDVC.01.03.01-00-232/10		0	20 0	-0		-0	-0	25.0	00	36 -	(Fake country)	Ministerie 3	999904399920001	Dpen	1.190.262.0
E FAKE-Project-254/10	FDVC 01.03.01-00-254/10		0	20 0	-0	-0	-0	-0	75.9	00	37 ESF	(Fake country)	Ministerie 3	99950439900001	Dpen	1.262.644.0
E FARE-Project-SME1	FDVC.005	2.	4	200	-0	21 []	-0	22.0	10	200	41 SME	(Fake country)	Ministerie 7	#99804399800001	Closed	786.784.0
B FAKE-Project-259/10	F0VC.01.03.01-00-258/10	14	0	19.0	-0	-0	-0	-0	25.0	00	34 ESF	(Fake country)	Ministerie 3	99990439900001	Open	284.883.6
H FAKE-Project-008/10	FDVC.01.01.00-00-006/10		0	100	22.0	70	100	25.4	50	28 Q	as 'water waste I supply	(Fake country)	Ministerie 1	9999x4399x0x001	Dperi	2.040.001.0
E FARE-Project-015/08	FDVC.01.01.00-00-01508		-	100	780	20.00	PO	25.0	114	10	at Road	(Fake country)	Ministerie 1	99990439900001	Closed	T.857.560.0
B FARE-Project-150/09	FDVC.01.03.01-00-150/09	1	0	100	-0	-0	-9	00	35.4	00	at Road	(Fake country)	Ministerie 3	999904499900002	Closed	952.303.0
E FARE-Project-370/11	FDVC.01.03.01-00-370/11	14	0	100	-0	-0	110	10	28	140	37 Solid weste	(Fake country)	Ministerie 3	9999044999004001	Open	784.470.0
E FARE-Project-link-subContractor	FDVC.000		-	100		+0	-0	-0	110	22.0	21 Road	(Fake country)	Ministerie 3	999904499900001	Eksed	4.563.0
EL FAKE-Project-sanction03	FDVC 004	1	6	100	+8	-8	-6		10	25 4		(Fake country)	Ministerie 6	999974499970001	Closed	45.000.0



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Risk indicator details

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Contractors with invalid VAT number



European Commission



ARACHINE

Risk indicator details

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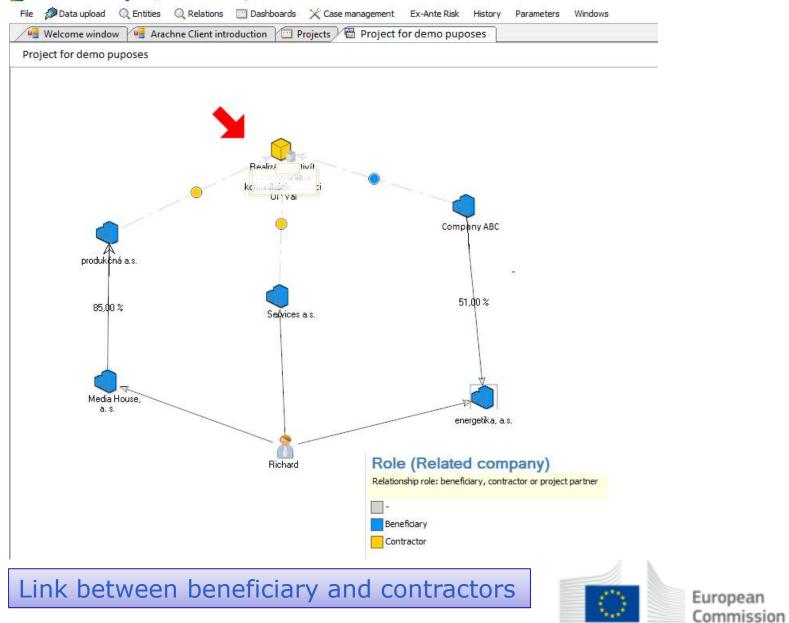
Contracted amount vs annual turnover contractor



European Commission



ARACHNE - Risk Scoring Tool (Arachne Server PROD)





Involvement in enforcement list Involvement in adverse media Newly created company	New ownersidirectors High rotation of directors Activity changes	ego	Name changes	Benefi	ciary Name	Project t	type Member State	
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Risk indicator details

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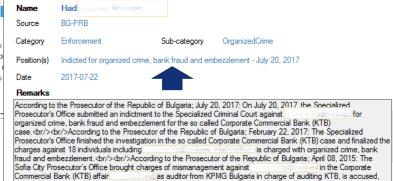
World Compliance entry #5659138



According to postimees.ee; May 30, 2013: On May 17, 2013 the Supreme Court of Estonia upheld the decision of Tallinn Circuit Court, which found guilty of market manipulation.

According to Estonia-Courts; October 29, 2012: On October 29, 2012 major shareholder of a real-estate company. was found guilty of market manipulation in Tallinn Circuit Court and fined with EUR 500,000. In 2009, and former bank's stockbroker were accused of manipulating the shares of a real-estate company with the aim of lowering the market price of the shares and afterwards, acquiring the shares for less than market value. For the ultimate goal of the manipulation was to take over the company. According to the charges, who acted as an stockbroker during July 14-21, 2008 to sell real-estate authorized representative of his wife, ordered company's shares in his wife's nominee account - large amounts at the time and with increasingly lower price. sold approximately 500,000 shares, resulting in an artificial price limit and a negative pressure on the share price. As a result, stock traders were led astray about the real market value of real-estate company's shares and the share price

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during 2009 - 2014, of deliberately aiding the bank's executive directors in not taking enough care for managing and

safeguarding KTB's assets, which resulted in a considerable damage for the bank

World Compliance entry #1924178

Enforcement

2018-05-02

and reducing its operating expenses.

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reducing its operating expenses. The SEC also charged

US-U.S. Securities and Exchange Commission

roles in the disclosure violations.

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The SEC's complaint alleges that

Sub-category

Agreed to pay USD 4,000,000 in penalty to settle fraud charges - July 22, 2010.

According to the U.S. Securities and Exchange Commission; July 22, 2010: On July 22, 2010, the Commission filed a

accounting to make it falsely appear that the company was consistently meeting Wall Street earnings targets and

misrepresented the basis for the company's ability to consistently meet or exceed consensus analyst EPS estimates from fiscal year 2002 through fiscal year 2006. Without the Intel payments, would have missed the EPS consensus in every guarter during this period. The complaint failed to disclose material information to investors and used fraudulent accounting to make it falsely appear that was consistently meeting Wall Street earning targets

without admitting or denying the SEC's allegations, to the entry of an order that permanently restrains and enjoins from

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caused a

Fraud

with failing to disclose material information to investors and using fraudulent

man and CEO

consented to settle the SEC's disclosure charges,

Name

Source

Category

Position(s)

Remarks

complaint against

Date



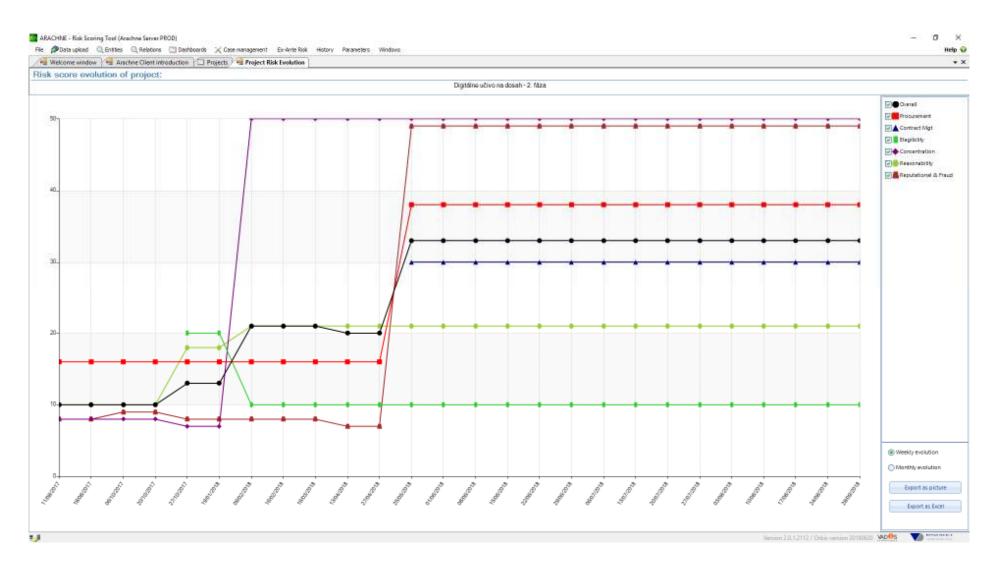


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📕 Omega Apha Pha	-		GB11315498			Landan	UNITED KINGDOM	No				Yes	20180418				Omega Alpha Pharma Limited
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Omega Bo-Pharm	ne (I.P.2) Limbed		MU0000916006			Port Louis	MAURITIUS	Na				Yes	20020920				Onega Bo-Phama (I.P.2) Linted
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	Australia Phy Ltd		AU130628241-80001			Pereneta	AUSTRALIA	Na				Yes					Orrege Pherma Australia Pty Ltd



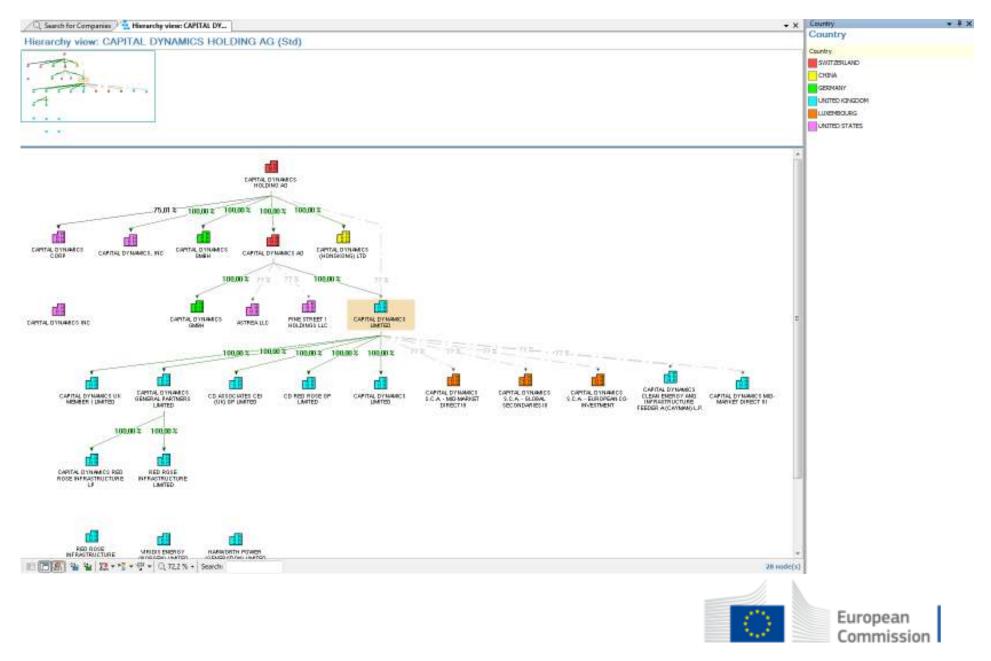
ARACHNE - Risk Scoring Tool (Arachne Server PROD)

Re Post Managers for Omega Pharma

)eta		Manager / Person	Manager / Age	Manager / Birth date	Manager / Number of affinities	Manager / Number of companies	Beginning nomination date	End expiration date	Function (standardized)	Current / Previous	
ul info	•	🙀 ERNST&YOUNG Bedijfsrevisoren BCVBA/E								Current	
ipany VA	an i	🖧 Mercuur Consult NV				3	120120301	20170516	Board of Directors - Member	Previous	
		🏭 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Senior management - Unspecified executive	Previous	
		🏭 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	1120120301	20160425	Senior management - Unspecified executive	Previous	
pe -		🍓 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Owners / Partners / Shareholders / Founders - Owner / Partner / Shareholder / Founder	Previous	
10 (EC) 30	1	👬 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Senior management - Unspecified executive	Current	
ode (E		🍓 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Senior management - Highest executive	Current	
ny (EC)		🏭 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Other or unspecified department - Executive	Current	
		🏭 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	П		Other or unspecified department - Chief Officer	Current	ouni
		🏭 Marc Armand Alice Andre Liliane Coucke	53	19650127	515	29	1120120301	20160425	Senior management - Highest executive	Previous	
		🚓 Svend Andersen	56	19611206	578	126	1:20170301	20220502	Board of Directors - Member	Current	
		🖧 Jan Michael Dominik Cassiman	56	19620517	71	4	l.		Senior management - Deputy executive	Previous	
tal project o seccial tests Veighb	o(🖧 Paul Eelen			1,021	181	1120150428	20180507	Advisors - Auditor	Previous	
	lo.	🖧 Sharon Gershon Kochan	49	19680711	394	112	20160722	20170301	Board of Directors - Member	Previous	
	b	🛱 Benoit Suzanne Denise Norbert Graulich	52	19650704	349	28	1120070604	20100503	Board of Directors - Member	Previous	
-gra	-	🏰 Peter Gustaaf Van Den Eynde	50	19671111	1,144	185	1120080000	20100000	Advisors - Auditor	Previous	
Shar	0	🛻 Barbara De Saedeleer	48	19700117	308	28	H		Finance & Accounting - Chief Financial Officer	Current	
	~	🏣 Jean-Iouis Yves Marie Joseph Duplat			173	8	1.20060606	20080601	Board of Directors - Member	Previous	
	-	🛻 Barbara De Saedeleer	48	19700117	308	28	H		Finance & Accounting - Financial controller	Current	
		👬 Sam Albert Camiel Sabbe	52	19651130	260	39	R		Other Board or Committee - Member	Previous	
	-	🖧 Christoph Patrick Stauble	51	19670224	220	37	IC		Senior management - Deputy executive	Previous	
	S	🖧 Christophe Eric Peter Tans			389	161	1(20160722	20220426	Board of Directors - Member	Current	
		🛻 Barbara De Saedeleer	48	19700117	308	28	1120150428	20160425	Board of Directors - Member	Previous	
		🖧 Schepens Ton			68	1	R		Owners / Partners / Shareholders / Founders - Owner / Partner / Shareholder / Founder	Previous	
1	H	🖧 Judy Lynne Brown	50	19680606	342	112	1,20150330	20170501	Board of Directors - Member	Previous	
		🖧 Judy Lynne Brown	50	19680606	342	112	1,20150330	20160722	Board of Directors - Member	Previous	
1	R	🏣 John Thomas Hendrickson	55	19620912	534	111	1,20150330	20170501	Board of Directors - Member	Previous	
1	C	🏭 John Thomas Hendrickson	55	19620912	534	111	1,20150330	20160722	Board of Directors - Member	Previous	
	N	🖧 Benoit Graulich				12	120120301	20150428	Board of Directors - Member	Previous	
	14	🛵 Lieven Adams			218	7	1119990607		Advisors - Auditor	Previous	
1	C	🛻 Louis Cherico	46	19711126	305	25	1120160722	20220502	Board of Directors - Member	Current	
	C	🖧 Mylecke Management, Art & Invest NV				7	120120301	20160425	Senior management - Highest executive	Previous	
		🖧 FV Management BVBA 0831.614.553					120120301	20150330	Board of Directors - Member	Previous	
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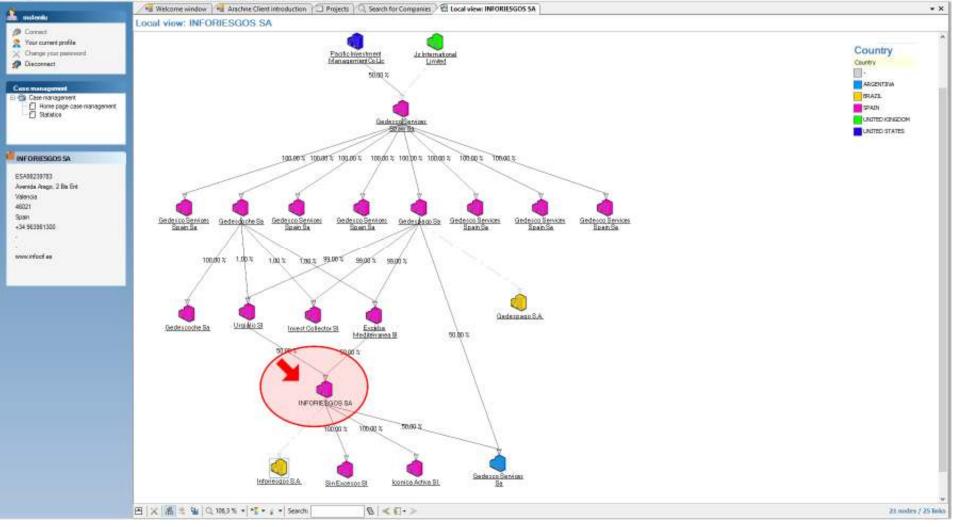
Hierarchy view of a company





ARACHNE - Risk Scoring Tool (Arachne Server PROD)

File 🎾 Data upload 🔍 Entities 🔍 Relations 🖾 Dashboards 💢 Case management Ex-Ante Risk History Parameters Windows

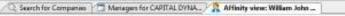


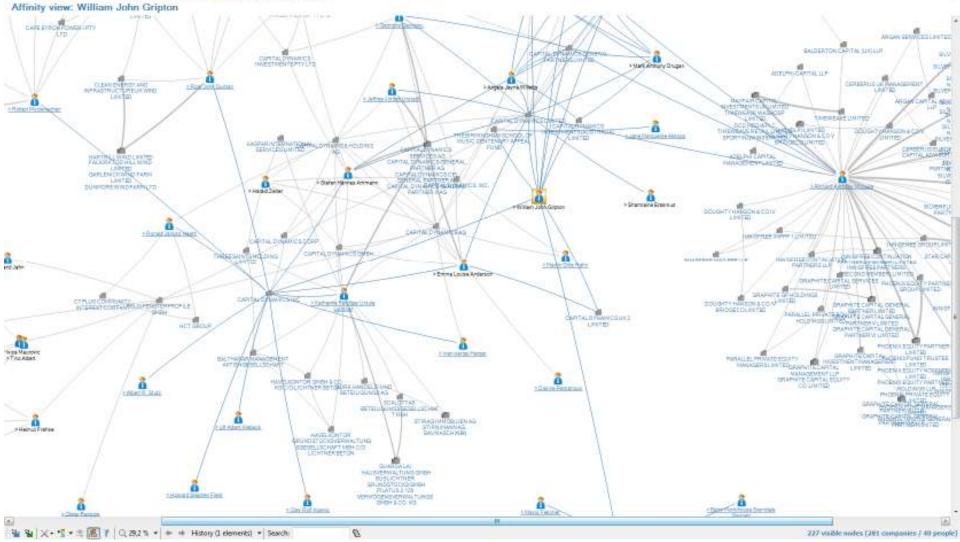




Affinity view of a person

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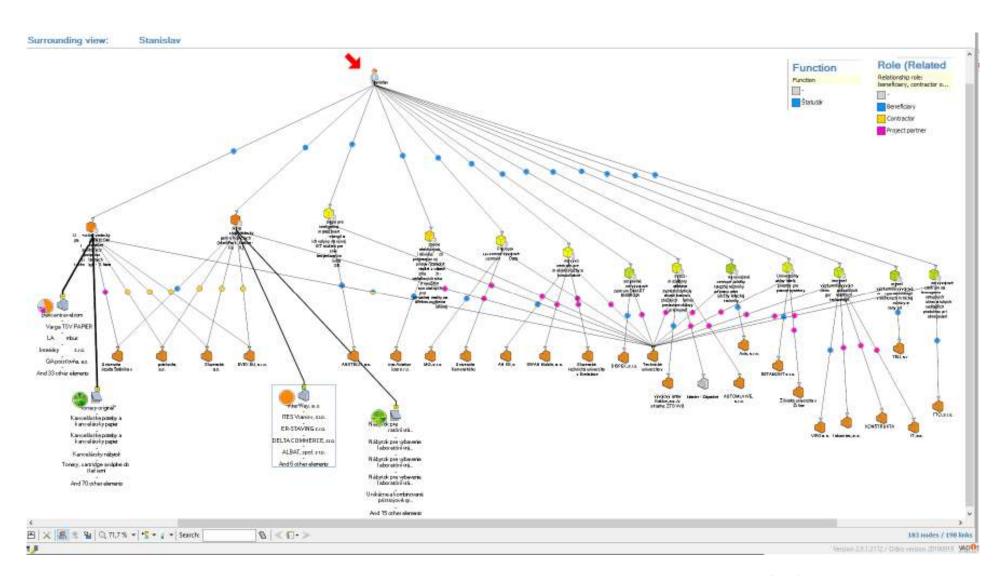








Surrounding view of a person







Arachne – Webpage







- No complete and exhaustive list can be given of what is and what is not an irregularity
- decisions can only be taken with reference to particular cases, and are subject to institutional judgment.

Two questions should be asked:

- 1. Have rules been broken?
- 2. If so, might this have a negative impact on the EU budget?

 \rightarrow Arachne does not take decision

 \rightarrow it helps you identify/avoid potential irregularities_{an}

- An irregularity may occur at any moment in the project cycle, from programming through to audit, expost monitoring or evaluation
- Checks at any stage may indicate that the conditions to be met by a beneficiary after project completion (e.g. operation of infrastructure) are not being met

→ Checks can be done in Arachne

• Ex ante

ACHINE

- During public procurement phases
- During life cycle of a project
- At any time



Check possible fake declaration of applicants Classification irregularity: Falsified documents

- Check companies data
 - -> search for companies
 - -> check financial reports
 - ->check linked projects
- Check companies linked to a person
 - -> list of companies of a person
 - -> check the projects linked to the companies of this person





Check possible fake declaration of applicants Classification irregularity: Falsified documents

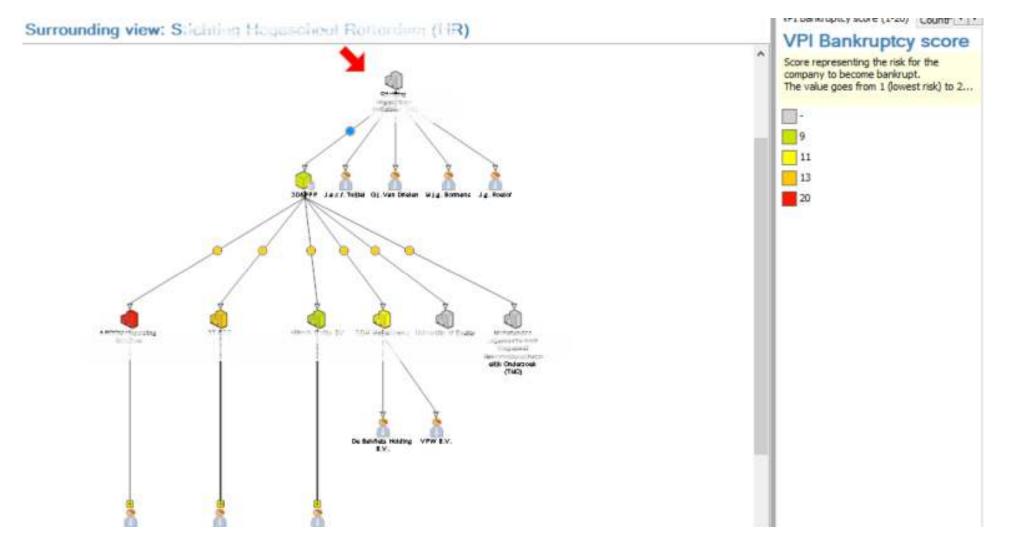
- Check if a person is already linked to EU projects
 - -> is this person linked to WOKO lists
 - -> is this person linked to previous bankrupt companies
- Check the size of the company
 - -> detailed report of the company
 - ->check the hierarchy view to see if this company is part of a group



• Check the solvency of the company

RACHINE

- -> detailed report of the company
- -> surrounding view of projects VPI score of entities





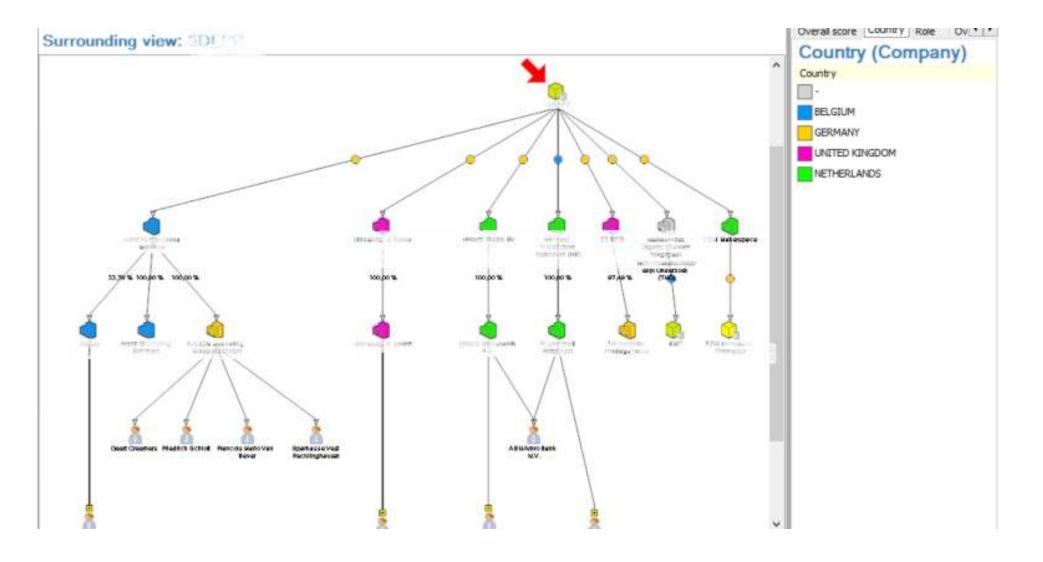
- Check if company involved in EU projects and if VAT of the company if incorrect
- Check for conflict of interest in projects from the program already in Arachne
- Check for expenses already issued by this company
- Check for contracts linked to the company
- Check involvement of a participant in companies who went bankrupted





RACHINE

Check for conflict of interest in projects from the program already in Arachne





Invoice with amounts in round figures.

Name	Value	Description
Difference between invoice and p	O	Difference between invoice and payment dates
High percentage of cost allocated	O	High percentage of cost allocations at the end of the project
Expenses with round amounts	O	Expenses with round amounts
Duplicate amounts within expenses	5	Duplicate amounts within expenses
Negative expenses	• 0	Negative expenses
Expenses higher than project cost	♀ 0	Expenses higher than project cost
Land expenses vs project cost	0	Land expenses vs project cost
Performance Overall Score	\circ	Performance Overall Score
Concentration Overall Score	<u> </u>	Concentration Overall Score





Large number of training courses awarded to the same final beneficiary for small amounts.

ntract ID ntract Amount	(Select oper.) Between (inc)	0.00				
ntract type	Within		~			
Case status	Contract	Contract Amount	Signature date	End date (initial)	End date (effective)	Contractor Name
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	301/2016/5zs/UNi	8.000,00				UNIVERSI
	991/2016-364/010	8.000,00				UNIVERSI
	991/2016/277/UNI	8.000,00				UNIVERSI
4	951/2016/456/UNI	8.000,00				UNIVERSI
	1965/2017/744/UNI	8.000,00				UNIVERSI
	216/2014/702-Un	8.000,04	014-11-27			UNIVERSI
	273/2014/627	8.000,00	015-02-26			UNIVERSI
	1065/2017/703/UNI	8.000,00				UNIVERSI
	1005/2017/723/UNI	8.000,00				UNIVERSI
	216/2014/723-Lini	8.000,04	014-11-27			UNIVERSI
4	215/2011/6544/5	8.000,04	014-11-27			UNIVERSI
	215/2014/658 UNI	8.000,00	014-11-28			UNIVERSI
	6759472011- Uki	8.000.00	011-12-22			UNIVERSIT





financial capacity of the beneficiary compared to the large amount of projects the company manages.

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- Invoices with rounded amounts
- Invoices with a VAT number that is incorrect
- Other Eligibility & contract related risks

Eligibility	Contract mgt
General	General
Global scores	Global scores
Procurement	Procurement
Contract mgt	Contract mgt
Eligibility	Contractors with invalid VAT number
Project costs outside enginnity period - perore start date	0 4/10 10
p 0/10 10 10 10 10	
	SubContractors with invalid VAT number
Project costs outside eligibility period - after end date	p 0/10 10
p 0/10 10	
	Contract addenda cost vs project cost
Difference between invoice and payment dates	p 0/10 10
0/10 10	
	Contract addenda cost vs contracted amount
High percentage of cost allocated at the end of the project	0/10 10
0/10 10	
	Difference between final contract end date and initial contract end date
Expenses with round amounts	0/10 11
0 4/10 10 10	
	Number of consortium members
Duplicate amounts within expenses	0/10 10
) 0/10 10	
	Contract modifications
Negative expenses	0/10
) 0/10 10 10	
Expenses higher than project cost	
0/10 10	
Land expenses vs project cost	

RACHINE

• Identical contracts amounts, for different projects but for the same contractor

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ex: In ERDF, project cost vs km constructed

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Similar projects awarded to the same final beneficiary

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The final beneficiary submitted to the Managing Authority a large number of invoices for costs which were not in compliance with the rules on eligible expenditure

Project costs subside eligibility period - before start date := 5 and Project costs outside e	igbility period - after end date == 5 and Difference between invoice and payment dates == 5 and High percentage of cost allocated at the end of the project == 5 and Expenses with round amounts == 5 }
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European Commission



1.8 Non-compliance with the procedure established in the Directive for electronic and aggregated procurement

https://eur-lex.europa.eu/legalcontent/EN/TXT/HTML/?uri=CELEX:52017DC0572&from=EN

f.Cooperating to procure together

Joint cross-border procurement, where contracting authorities from different countries jointly organise their procurement procedures, is greatly facilitated by the new EU rules. Several recent examples demonstrate the feasibility of such partnerships. Also, the procurement of large infrastructure projects that are crossing national borders requires strong cooperation among procuring entities and the ability to speak a common 'language'

- → Sharing project data (without seeing the details of other Ops data) allow programs to see involvement of companies abroad
- → Ability to get a better analysis of the involvement of a company (concentrations category)

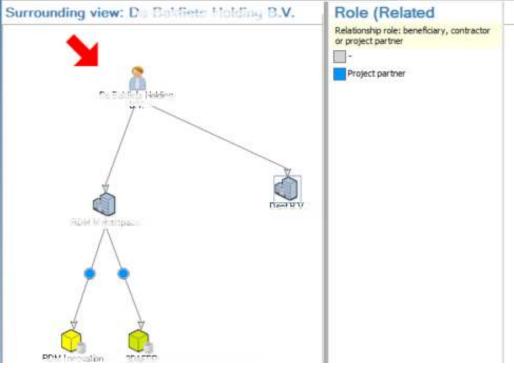




1.18 Irregular prior involvement of candidates/tenderers towards the contracting authority

Arachne allows the MA to quickly see the involvement of a person in projects (surrounding view – search for person)

- \rightarrow If a person inform the MA he is not involved in any other projects with company Xµ
 - \rightarrow He could be involved in other EU project via other of his companies
 - → This is allowed but MA need to be vigilant for double financing, same expenses..





Live Demo....





Thank you !



