

# SMEs in the European Data-Economy

A representative sample  
from the BDVA community

November 2017



## FOREWORD

This booklet showcases the expertise and competences of a group of selected small and medium-sized enterprises (SMEs) actively contributing to the development of the European big data and data-driven innovation ecosystem. The booklet offers the reader a good overview of the emerging European data-driven economy through a sample of real businesses and success stories. Its ambition is to foster multi-partner cooperation at European and world-wide level.

**Small and medium-sized enterprises (SMEs)** are the backbone of Europe's economy. According to the European Commission's statistics, SMEs represent 99% of all businesses in the European Union. In the past five years, they have created around 85% of new jobs and provided two-thirds of the total private sector employment in Europe<sup>1</sup>. The European Commission considers SMEs and entrepreneurship as key to ensuring economic growth, innovation, job creation and social integration in the European Union.

To unlock the potential of a European data economy is one of the objectives of the European Union<sup>2</sup>, and **Big Data** has become a key asset for the advancement of economy and society, leading the transfer of innovations into new businesses and jobs. The involvement of SMEs is of outmost importance for the success of the Big Data Value ecosystem, supporting their business and opening new opportunity for their growth. The **Big Data Value Association (BDVA)**<sup>3</sup> boosts European Big Data Value research, development and innovation and fosters the perception of Big Data Value in Europe. BDVA is an industry-driven international non-for-profit organisation with over 180 members all over Europe and a well-balanced composition of large, small and medium-sized industries, as well as research and user organisations.

The **mission of BDVA** is to develop the Innovation Ecosystem that will enable the data-driven digital transformation in Europe, delivering maximum economic and societal benefit, as well as achieving and sustaining Europe's leadership on Big Data Value creation and Artificial Intelligence. BDVA is also the private counterpart to the EU Commission to implement the **Big Data Value Public-Private Partnership program (BDV PPP)**<sup>4</sup>. BDVA and the Big Data Value PPP pursue a common shared vision of positioning Europe as the world-leader in the creation of Big Data Value. One of the Big Data Value PPP general objectives is to facilitate the acceleration of business ecosystems and appropriate business models with a particular focus on SMEs, enforced by Europe-wide benchmarking of usage, efficiency and benefits. One of the strengths of the European Big Data market and business is that there are many SMEs that are dynamic and flexible and can react quickly to market changes.

The **SMEs part of the Big Data Value Association**<sup>5</sup> are fast growing businesses offering their products and services to their partners and customers to develop Big Data driven innovation. The profiles, expertise and competences of the Association's SMEs range from data management, including data analytics, integration and visualisation, to data standardisation and architectures, as well as data services, consultancies and users. The showcased SMEs operate in aerospace, agriculture, defence, energy health, manufacturing, transport and other domains at the European level and globally and are key players in the European data-driven economy.

This **booklet addresses** both public and private organisations and businesses in Europe and worldwide pursuing partnerships with European SMEs active in the new data economy for exchange of know-how, tools, technology and services, or for the development of new partnerships. **The main purpose of the publication is promotional.**

All the SMEs showcased in this publication are members of the Big Data Value Association (BDVA). Each of the companies provides information about their role and offering in the data-driven economy, alignment with the European Big Data Value Strategic Research and Innovation Agenda<sup>6</sup> and their overall role in the Big Data value chain.

We invite the reader to explore this emerging economic asset for Europe, provided in a brief and compacted way to facilitate quick access and matchmaking to the know-how and expertise needed.

We thank all BDVA members who contributed to this promotional booklet by providing information and showcasing their success stories.

The Editors

November 2017

<sup>1</sup> [ec.europa.eu/growth/smes\\_en](http://ec.europa.eu/growth/smes_en)  
[ec.europa.eu/growth/smes/business-friendly-environment/sme-definition\\_en](http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en)

<sup>2</sup> [ec.europa.eu/commission/priorities/digital-single-market\\_en](http://ec.europa.eu/commission/priorities/digital-single-market_en)

<sup>3</sup> [bdva.eu](http://bdva.eu)

<sup>4</sup> [big-data-value.eu](http://big-data-value.eu)

<sup>5</sup> At the time of publishing this booklet over 30% of the BDVA members are SMEs

<sup>6</sup> [bdva.eu](http://bdva.eu)

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## Role of the SMEs in the Data Value Chain

	Data owner	Data acquisition	Data aggregator	Data storage	Data analysis	Data services	Data user	Data exchange	Others
Answare			*		*	*			
Apis			*		*	*			
ATC				*	*		*		
DataCentric	*				*	*			
DataRiver			*	*	*				
Datris	*		*		*				
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Digital Partners			*		*	*			
Grassroots							*		*
InData					*	*			*
Information Catalyst			*		*	*			
JOT Internet Media	*		*						*
Lynkeus	*		*		*				
Marine Traffic	*				*	*			
Martel			*			*			
Mosaic Factor			*		*	*			
Mozaica			*		*	*			
Neuropublic	*				*		*		
Nuromedia					*	*	*		
Semantic Web Company			*		*				*
Spacelabel			*		*	*			
Teknopar	*		*		*				
Terrasigna					*	*	*		
Tilde		*			*		*		
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Trilateral					*	*	*		
Ubiwhere			*		*	*			
Valdani Vicari Associati							*		*
webLyzard			*		*				*
Wings				*	*	*			

## Answare



COMPANY NAME	Answare
HEADQUARTERS	Madrid & Murcia (Spain)
EMPLOYEES	15
COMPANY WEBSITE	answare-tech.com
FOUNDATION YEAR	2002
CONTACT INFORMATION	info@answare-tech.com

### Brief company description

Answare is a Spanish ICT-based SME whose portfolio includes the provision of ICT consultancy services and development of turn-key and R&D projects in a large spectrum of industrial sectors.

### Role and offer in the data-driven economy

Answare is a technology provider and develop innovative solutions and services for the management, the analytics and the visualization of data. Answare has over 15 years of expertise in the data field in real-time environments such as Aerospace, Defense and Emergency Management. The company is currently involved in developing innovative solutions in data management, analytics and visualization for Big Data in the Transport sector.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Aerospace] [Defense] [Transport] [Security] [eHealth] [Energy and Tourism]	[Data management] [Data analytics] [Data visualization]	[Data aggregator] [Data analysis] [Data services]

### Collaboration

Answare offers its services as technology provider in data-centered industrial sectors. The company is interested in establishing working relationships in European and international markets (LatAm, North Africa, Middle East, Asia).

### Success story

Answare is currently involved in the Transforming Transport (TT) project (transformingtransport.eu) that aims at demonstrating, in a realistic, measurable, and replicable way the transformations that Big Data will bring to the mobility and logistics market. To this end, TT validates the technical and economic viability of Big Data to reshape transport processes and services to significantly increase operational efficiency, deliver improved customer experience, and foster new business models. TT will address seven pilot domains of major importance for the mobility and logistics sector in Europe: (1) Smart Highways, (2) Sustainable Vehicle Fleets, (3) Proactive Rail Infrastructures, (4) Ports as Intelligent Logistics Hubs, (5) Efficient Air Transport, (6) Multi-modal Urban Mobility, (7) Dynamic Supply Chains. Answare is in charge of the pilot on Sustainable Vehicle Fleets (Connected Vehicles) where the main objectives are to perform predictive maintenance on cars, reduction of CO2 and improvement of traffic management.



COMPANY NAME	ATC
HEADQUARTERS	Athens (Greece)
EMPLOYEES	100
COMPANY WEBSITE	atc.gr
FOUNDATION YEAR	1987
CONTACT INFORMATION	info@atc.gr

### Brief company description

ATC offers digital transformation solutions in the areas of Data/Content Management and Analysis, Enterprise Management, HCM, Training, and Mobiles. The company maintains an active presence in the EU, the Balkans, Central Europe, Middle East and North Africa for over 30 years.

### Role and offer in the data-driven economy

ATC implements and delivers data-driven products and services which utilise proven data management approaches, including APIs, Web Crawlers, Data Warehouses, Data Lakes and Semantic technologies to collect, curate and make available open and closed data, including content gathered from the social media. Furthermore, ATC's data-driven products and services incorporate innovative data analytics methods and algorithms, including AI and machine learning, helping organisations to achieve enhanced levels of user experience, optimize their business processes and implement innovative business models.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Media] [Banking] [Retail] [Manufacturing] [Utilities and Public Institutions]	[Data management] [Data analytics] [Data skills]	[Data analysis] [Data storage] [Data user]

### Collaboration

Offering products and services for data-driven transformation in the Media market and beyond. Looking for collaborations on secure sharing of personal data and proprietary/commercial/industrial data, on AI and machine-learning for advanced automaticity of its data-driven products and services.

### Success story

Truthnest is a toolset that incorporates ATC's many years of experience in the media field by providing the appropriate indicators to confirm the validity of news as they are published or reproduced in social media. For the production of these indicators, news analytics techniques have been utilized using technologies such as artificial intelligence, semantic analysis and network dynamics for the development of automated fact checking methods that bypass human resourcefulness in disguising false claims from true ones.

In the same spirit, ATC has worked with Deutsche Welle, a media institution, to develop Truly Media platform. Truly Media is an online collaboration environment where journalists from around the globe can use advanced digital tools for verifying news, images and videos as they are shared directly by users of social media (USG). It builds on work carried out in EC co-funded research projects and is currently supported by Google's DNI Fund (Digital News Initiative).

## DataCentric



COMPANY NAME	DataCentric
HEADQUARTERS	Madrid (Spain)
EMPLOYEES	60
COMPANY WEBSITE	datacentric.es/en
FOUNDATION YEAR	1976
CONTACT INFORMATION	info@datacentric.es

### Brief company description

DataCentric is a data company that builds data-driven technology solutions. DataCentric expertise stems from its experience of creating and delivering databases for marketing and sales and managing its customers' data. Passion for data has led DataCentric to build the DataCentric Data Lake, a complex information system based on Big Data techniques, connected to the Internet and major public and private Data Sets on consumers, businesses and territories. This is the way it develops products and vertical APIs to be able to trigger and make the best decisions in real time. Legal compliance and respect for privacy are part and parcel of DataCentric essential values.

### Role and offer in the data-driven economy

As data owners, and experts in data sources and data processing, DataCentric optimizes the business processes and the efforts and investments in sales and marketing activities and strategies of its clients.

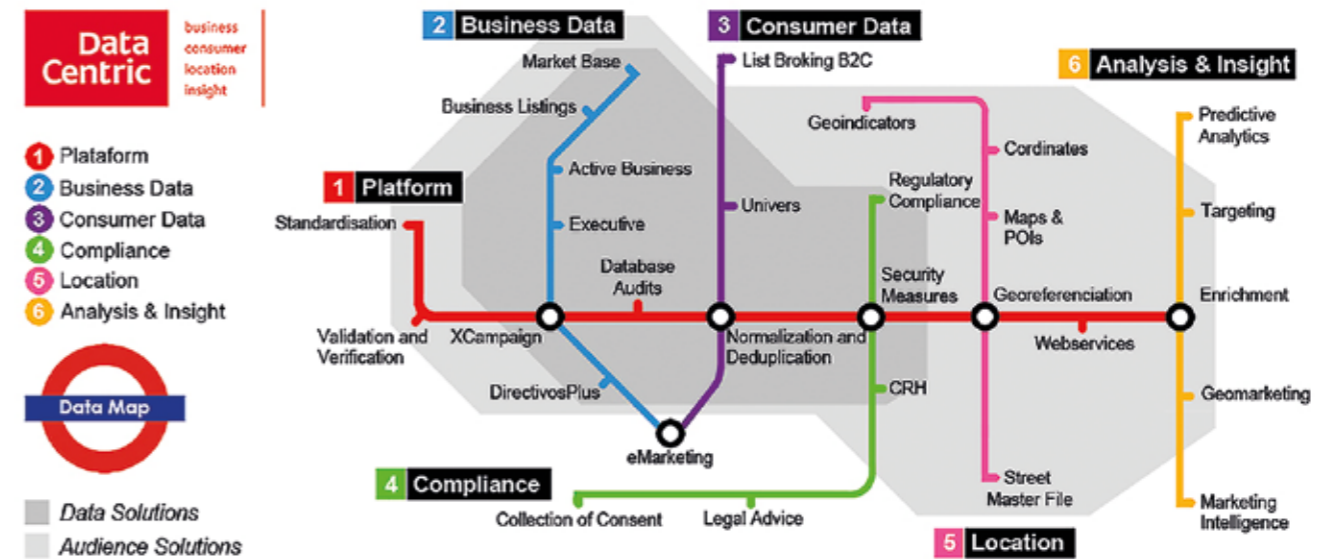
EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Utilities and energy] [Financial services] [Insurance] [Retail and Telecommunications among other things]	[Data management] [Data analytics] [Data privacy]	[Data owner] [Data analysis] [Data services]

### Collaboration

Data, Data Privacy and Compliance.

### Success story

**The Vodafone's case.** Vodafone proposed DataCentric a challenge when they were about to expand their fiber optic network in the Spanish market, and needed to figure out the best areas for this expansion and the main variables involved in purchasing propensity. DataCentric analysed Vodafone's and competitor's current deployment to discriminate drivers of high penetration zones extracted from areas with low penetration of customers. Based on these drivers DataCentric established a probability/scoring propensity to have high/low customer penetration in those zones where it was not currently present. Thanks to this project Vodafone reduced costs in 10% and increased sale contracts in 22% in relation to the previous year.



## Information Catalyst



COMPANY NAME	Information Catalyst
HEADQUARTERS	Crewe (UK)
EMPLOYEES	20
COMPANY WEBSITE	informationcatalyst.com
FOUNDATION YEAR	2011
CONTACT INFORMATION	info@informationcatalyst.com

### Brief company description

Information Catalyst delivers ICT Services, Data, and Software: Consultancy, Resources, and innovative software to help your business with (Big) Data, Analytics, business interoperability, Industry 4.0, Internet of Things, Cloud, and development.

### Role and offer in the data-driven economy

Information Catalyst (ICE) is focused on the software, data, and service economy acting as a technology provider. ICE executes small to large-scale software developments involving multiple international partners - e.g. the virtual factory Operating system (vf-os.eu) - and also standards development. ICE has been a key actor in European initiatives such as the Big Data Value Association where, as inaugural Secretary General, it helped to grow BDVA to 130 stakeholders in its first year of operation, and also in the NESSI Software and Services initiative.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
<ul style="list-style-type: none"> <li>[Generic middleware]</li> <li>[Integration technology]</li> </ul>	<ul style="list-style-type: none"> <li>[Data integration]</li> <li>[Data analytics] [Data standards]</li> <li>[Data processing]</li> <li>[Data visualization]</li> <li>[Data management]</li> </ul>	<ul style="list-style-type: none"> <li>[Data aggregator]</li> <li>[Data analysis]</li> <li>[Data services]</li> </ul>

### Collaboration

ICE offers its services to customers and partners interested in the fields the company operates in. A fast growing SME with solutions and regarding software, data, and services to assist partners and end users.

### Success story

ICE likes to punch above weight in terms of being an SME Innovator.

Innovation, conducted through R&D, is the heart of any forward-looking ICT organisation. It is why ICE has been at the forefront of initiatives in Europe such as BDVA and NESSI. Participation in European, Regional and National innovation initiatives has many advantages to ICE, its personnel, and thus its customers, from being at the edge of technology, influencing technical direction, through to using tangible results in its activities. ICE has been active with a specific strategy designed to contribute its vision and extract insight into client and its solutions.

In SME terms, during a 2016 UK Regional Government event, where ICE was invited to attend, it was stated how well the regions' industry was doing in acquiring 10M€ Grants from Europe/H2020. ICE acquired in the same period nearly 3M€ of activity on behalf of itself and its partners/customers.

**Vision & Experience**

- Big Data Value
- Cloud & SaaS
- Research & Innovation
- Training & Education
- Project Management
- Resourcing

**FINALIST**  
 SOUTH CHESHIRE CHAMBER OF COMMERCE  
 Ambassador of the Year 2017

## Lynkeus



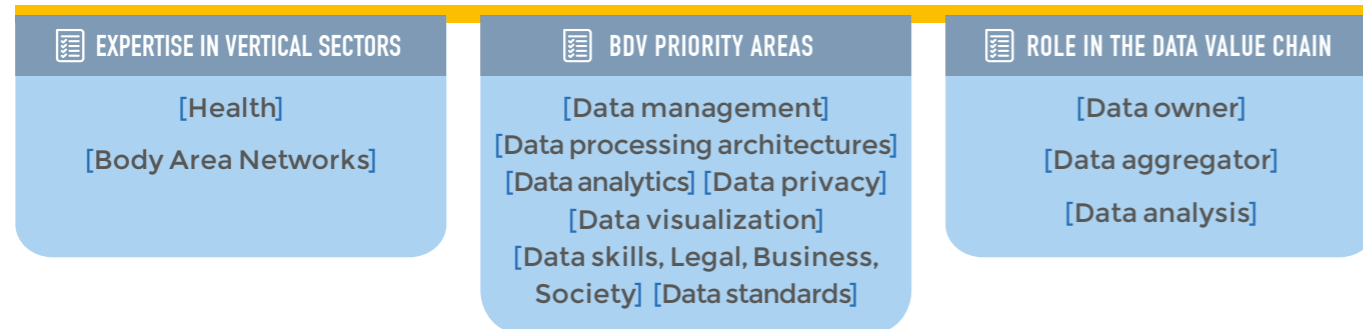
COMPANY NAME	Lynkeus
HEADQUARTERS	Rome (Italy)
EMPLOYEES	8
COMPANY WEBSITE	lynkeus.eu
FOUNDATION YEAR	2000
CONTACT INFORMATION	lynkeus@lynkeus.com

### Brief company description

Lynkeus is an independent consultancy with a track-record of large-scale EU-funded projects. Its expertise focuses on eHealth solutions, data analytics, privacy and security issues, and blockchain and smart contracts development.

### Role and offer in the data-driven economy

Lynkeus focuses on innovative solutions for managing and sharing healthcare data for clinical and research purposes, exploring ways to enhance the value of data by combining advanced analytics, knowledge discovery and disease & treatment simulation systems with privacy and security, also having recourse to blockchain and smart contracts. Lynkeus is also primarily involved in regulatory analysis, with special regard to the General Data Protection Regulation and its implementation in healthcare.



### Collaboration

Lynkeus looks for research and business opportunities in blockchain-based and smart contracts applications, as well as in personalized medicine, data management and relevant IPR and security, privacy, and regulatory issues.

### Success story

Lynkeus contributed to the successful completion of two recent EU-funded projects in the eHealth Sector, namely MD-Paedigree and CARDIOPROOF. The two projects implemented an advanced federated Infrastructure for clinical data, equipped with state-of-the-art data management and analytics solutions. Additionally, a first evaluation of the impact of model-based Decision Support Systems on the clinical decision-making process was provided within CARDIOPROOF, thus paving the way to increased usage of datasets in the clinical environment for improved diagnostic and therapeutic outcomes. Lynkeus is currently coordinating MYHEALTHMYDATA, which is the first EU-funded project applying blockchain and smart contracts to health data, while also exploring the strongest privacy and security solutions. Within WHOLODANCE, Lynkeus is exploring new ways of exploiting digital assets in the area of body movements: the project is implementing a digital library of motion captured dance movements, combined with a blending engine and similarity search functionalities for teaching and choreography purposes.

## MarineTraffic



COMPANY NAME	MarineTraffic
HEADQUARTERS	London (UK)
EMPLOYEES	>60
COMPANY WEBSITE	marinetraffic.com
FOUNDATION YEAR	2007
CONTACT INFORMATION	research@marinetraffic.com

### Brief company description

MarineTraffic is the leading maritime information service used by shipping professionals to support their decisions and by maritime enthusiasts to track any ship in the world.

### Role and offer in the data-driven economy

All MarineTraffic solutions are powered by vessel positional data collected through the company's data collection network; the most extensive such network in the world collecting more than 500M data points daily. Global real-time and historical ship positions combined with various data sources and analysis techniques result in a highly comprehensive source of actionable maritime intelligence.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Transport]	[Data analytics] [Data management] [Data visualization]	[Data owner] [Data analysis] [Data services]

### Collaboration

MarineTraffic offers data based services centered around the visibility of the global maritime fleet. We aim to increase efficiency through transparency, and contribute to reducing the industry's carbon footprint.

### Success story

Founded in 2007, the company has always been dedicated to making maritime information universally accessible. Before the 2004 compulsory requirement that all ships over 300 gross tonnage should carry Automatic Identification Systems, only ship operators and vessel traffic managers could have a view on where their ships were and where they were heading. Today more than 6 Million people access MarineTraffic to see the world's ships and make use of this information for their own purposes.

But there's more to MarineTraffic than just tracking the vessels. The company is constantly innovating and adding new features based on feedback from its commercial users that enable them to both understand vessels' operations and monitor conditions that might affect their passage.

## Terrasigna



COMPANY NAME	Terrasigna
HEADQUARTERS	Bucharest (Romania)
EMPLOYEES	30
COMPANY WEBSITE	Terrasigna.com
FOUNDATION YEAR	2007
CONTACT INFORMATION	office@Terrasigna.com

### Brief company description

Terrasigna's main expertise is in analysis, processing and interpretation of different type of Earth Observation data; data mining; desktop/web/tablet and smart phones applications development for geospatial data.

### Role and offer in the data-driven economy

Terrasigna developed its own big data technologies in: Satellite Images Time Series, Content Based Image Retrieval, Visual Data Mining. The services developed by the company using big data technologies address the following domains: agriculture, forestry, water quality, etc. In data value chain, Terrasigna acts as data user, technology provider, service and applications provider. Examples of products and services: Geospatial agility, Suitability Coverage Engine (partnership with GISAT Czech Republic) and Service for forested areas monitoring at national level.

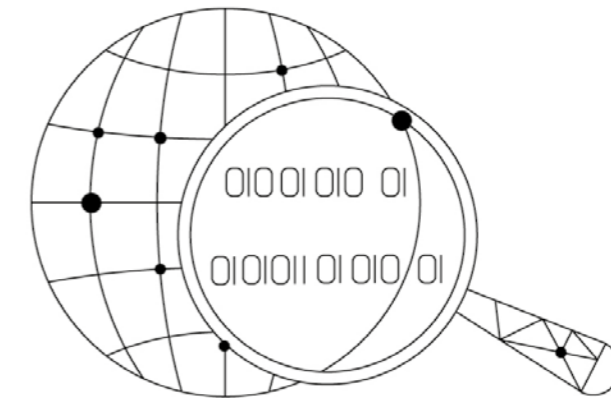
EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Earth Observation]	[Data processing architectures]	[Data analysis]
	[Data analytics]	[Data user]
	[Data visualization]	[Service provider]

### Collaboration

Terrasigna's offer: technologies for better understanding the changes and processes in the environment; powerful data techniques and tools that allow collecting, analysing, processing, and visualising vast amounts of data.

### Success story

Terrasigna's expertise in EO big data is used, since the beginning of 2017 in Data-driven Bioeconomy (DataBio) project, funded by the European Commission. The project addresses three economic domains: agriculture, forestry and fishery and aims to prove the benefits of using big data technologies in the raw material production in the respective three domains. Along with making its technologies available for the other pilots to be developed in the project for agriculture, forestry and fishery, the company uses Satellite Images Time Series to offer support to the European Common Agriculture Policy, by providing to the national Agency for Subsidies and Intervention in Agriculture a pilot service that allows the agency to monitor in a more efficient way the compliance of the declared crops with the reality in the field.





COMPANY NAME	Tilde
HEADQUARTERS	Riga (Latvia)
EMPLOYEES	130
COMPANY WEBSITE	tilde.com
FOUNDATION YEAR	1991
CONTACT INFORMATION	tilde@tilde.com

### Brief company description

Tilde is a leading European language technology company with a mission to empower language diversity in the digital age. Tilde brings the latest Artificial Intelligence research into innovative products for machine translation, terminology management, natural language processing, and human computer interaction.

### Role and offer in the data-driven economy

Language technologies by Tilde unleash the value of multilingual unstructured data. Tilde develops domain specific machine translation, natural language processing tools, and technologies for multilingual linked data to enable content analytics across the language boundaries.

Tilde coordinates European Commission activities on language data collection from EU Member States and supports European Commission in the creation of a multilingual technology infrastructure.

As an active member of language technology associations (META-NET, LT-Innovate, ELRA) and BDVA, Tilde fosters synergy and cooperation between these communities.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
	<ul style="list-style-type: none"> <li>[Data management]</li> <li>[Data services]</li> <li>[Data visualization]</li> <li>[User interaction]</li> </ul>	<ul style="list-style-type: none"> <li>[Data acquisition]</li> <li>[Data analysis]</li> <li>[(Multilingual Unstructured)]</li> <li>[Data usage]</li> </ul>

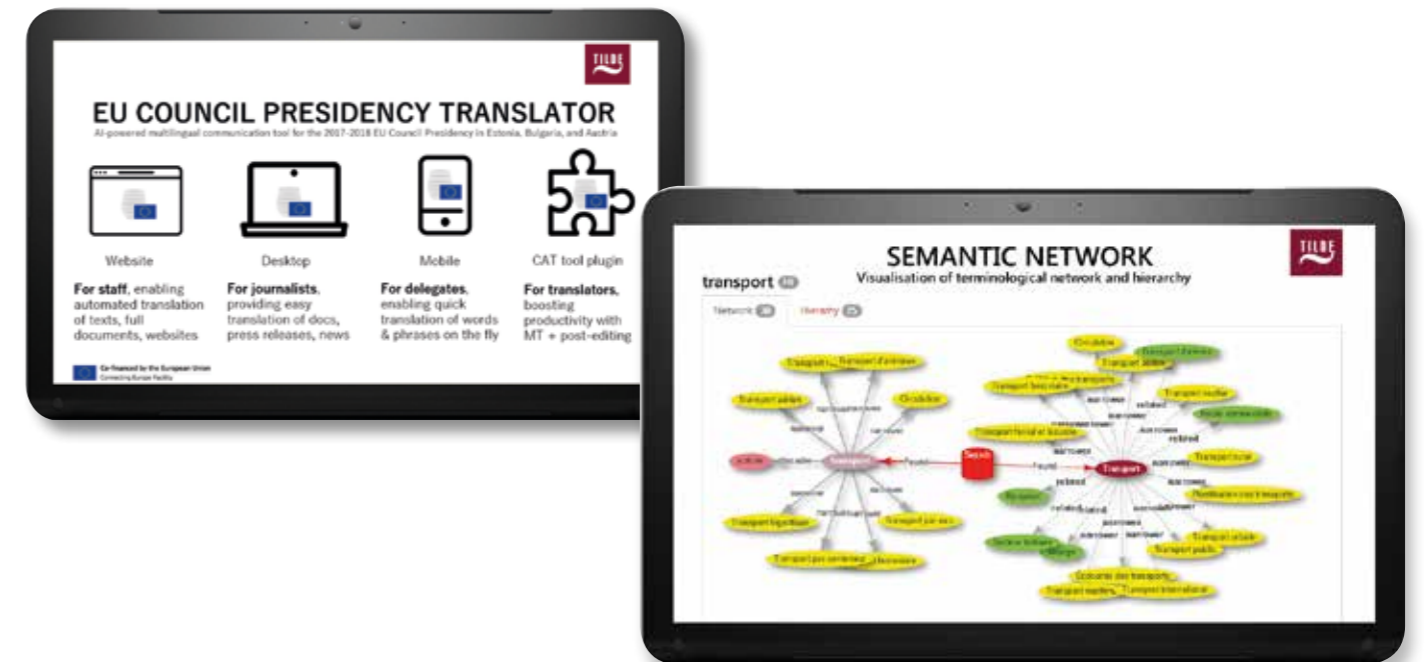
### Collaboration

Tilde offers its unique competences in language technology, artificial intelligence, deep machine learning, and virtual embodiment. Tilde is looking for partnerships to implement its competences in products and services world-wide.

### Success story

Tilde developed the EU Council Presidency Translator - a multilingual communication tool that uses novel technologies to instantly translate language data. The tool uses Artificial Intelligence to instantly translate texts, documents, and websites between Estonian and English. Specially designed for delegates, journalists, and translators at Estonia's 2017 EU Council Presidency, the tool features the world's first AI-powered Neural Machine Translation system for Estonian. The EU Council Presidency Translator complements Estonia's e-government platform and is part of the European Commission's Connecting Europe Facility eTranslation infrastructure, which enables digital services to become fully multilingual.

The EU Council Presidency Translator was launched in 2015 at the Latvian Presidency, providing access to local language content and media information for the six-month event. Started in June of 2017, the tool is deployed for the Estonian Presidency, followed by the Bulgarian and Austrian presidencies in 2018.



## Apis



COMPANY NAME	Apis Europe AD
HEADQUARTERS	Sofia (Bulgaria)
EMPLOYEES	65
COMPANY WEBSITE	[apis.bg] [eurocases.eu]
FOUNDATION YEAR	2006
CONTACT INFORMATION	office@apis.bg

### Brief company description

Apis Europe AD is a private company specialised in analysis, design, development, implementation and maintenance of legal information systems and large databases in the field of company data.

### Role and offer in the data-driven economy

The company strategy is focused on development of cross-border legal and company data services with European added value:

- EuroCases is a web service providing access to national case law of EU Member States linked to EU law;
- Tax & Financial Standards is an information system on the application of the EU law in the field of taxes and finances;
- Link Detector is a free software tool that checks for legal citations and establishes links to EU law.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Legal]	[Data analytics] [Data privacy] [Data standards]	[Data aggregator] [Data analysis] [Data services]

### Collaboration

Apis Europe AD is looking for partnership in creating products and/or participation in projects based on integration and linking of multilingual cross-border datasets in the field of EU law and company data.

## DataRiver



COMPANY NAME	DataRiver Srl
HEADQUARTERS	Modena (Italy)
EMPLOYEES	13
COMPANY WEBSITE	datariver.it
FOUNDATION YEAR	2009
CONTACT INFORMATION	info@datariver.it

### Brief company description

DataRiver is an Innovative SME, founded as a Spin-Off of the University of Modena, providing solutions and consulting services in the fields of Data Integration, Semantic Web and Business Intelligence.

### Role and offer in the data-driven economy

The company develops innovative software solutions and offers specialized consulting services for Clinical Data Management, Big Data Integration and Analytics. The mission of DataRiver is to allow customers to better understand data through an integrated and unified view of the data sources inside and outside the company. The value resulting from the integrated data enables companies/institutions to improve decision-making, production and estimation processes, optimizing costs and time effort.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Health] [Energy] [Agri-food sector]	[Data management] [Data processing architectures] [Data analytics]	[Data aggregator] [Data analysis] [Data storage]

### Collaboration

DataRiver develops solutions and offers consulting services for Big Data Management, Integration and Analysis. Industrial research project partnerships in the field of Data Integration, Semantic Web and Business Intelligence.

## Datris



COMPANY NAME	Datris Limited
HEADQUARTERS	Caerphilly, South Wales (UK)
EMPLOYEES	7
COMPANY WEBSITE	datris.uk
FOUNDATION YEAR	2015
CONTACT INFORMATION	dd@datris.solutions

### Brief company description

Datris stands for DAta TRansformation InSight. Developing innovative data-driven applications for not-for-profit organisations and communities internationally.

### Role and offer in the data-driven economy

Datris delivers contract data analytics and ICT project management for large corporates (aero/defence, education, marketing) as a profitable business unit alongside the development of its own data-driven applications: (i) CLUBETTER, the ultimate easy-to-use and affordable membership management web application for not-for-profit organisations and local communities, (ii) D-SCRAPER web & social media data scraper with in-built semantic search, NLP and advanced analytics, with v1 also designed to support not-for-profit organisations seeking to expand their participation and reach.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Not-For Profit Sector] [Sport & Leisure] [Health & Wellbeing]	[Data management] [Data analytics] [Society]	[Data owner] [Data aggregator] [Data analysis]

### Collaboration

Datris is seeking to collaborate EU wide both in the development and roll out of CLUBETTER as a multi-lingual community support platform and building advanced scraping/ analytics technologies for D-SCRAPER.

## Dawex



COMPANY NAME	Dawex
HEADQUARTERS	Lyon (France)
EMPLOYEES	22
COMPANY WEBSITE	dawex.com
FOUNDATION YEAR	2015
CONTACT INFORMATION	contact@dawex.com

### Brief company description

Dawex is a global data marketplace where companies meet, sell and buy data directly and securely. Any kind of data, in any industry, all around the world.

### Role and offer in the data-driven economy

Dawex enables organizations to meet and conduct data transactions directly. Acting as a trusted third-party, any kind of data are traded on the marketplace: customer and product-related data, financial data, IoT data, licensed as one-off deals or subscriptions, through datasets or APIs. Providers can highlight the value of their data while retaining complete control over it. Data acquirers to find the most relevant data sources, schedule recurring data exchanges over time, and receive notifications regarding new opportunities.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Smart Cities] [Industries 4.0] [Utilities] [Insurance] [Consumer goods] [Banks] [Automotive] [Real Estate]	[Data privacy] [Business] [Data monetization]	[Data marketplace] [Data exchange] [Trusted third party]

### Collaboration

By facilitating cross-border and cross-sectors data flow and making data exchange accessible and secure for all economic stakeholders, Dawex contributes to building the Data Economy.

## Diavita



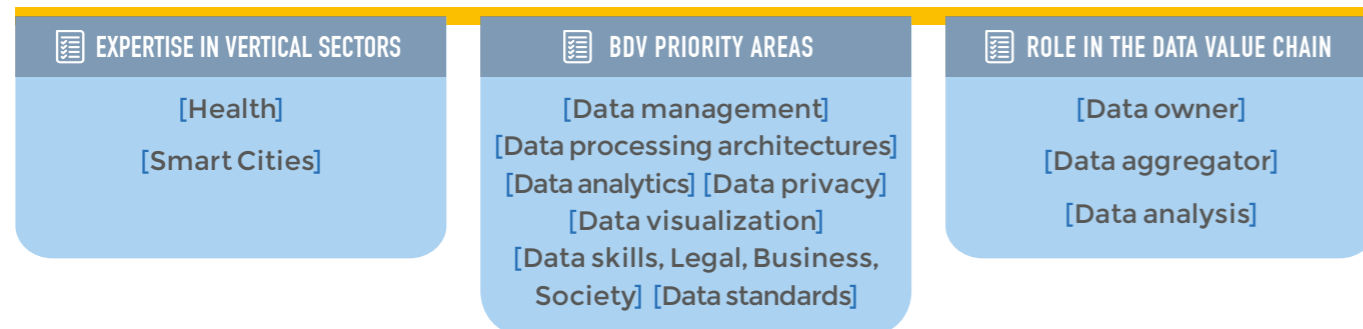
COMPANY NAME	Diavita Ltd
HEADQUARTERS	Varna (Bulgaria)
EMPLOYEES	5
COMPANY WEBSITE	diavita.org
FOUNDATION YEAR	2011
CONTACT INFORMATION	dimiter@diavita.org

### Brief company description

Diavita designs healthcare & medical app providing mobile app development services for private healthcare, medical device & pharma clients.

### Role and offer in the data-driven economy

Diavita provides value-creation mechanisms of data analytics, which includes using data analytics to gain insights (knowledge creation), automate decision-making (decision automation), data analytics (through machine learning algorithms) to empower autonomous systems that are able to learn from data of previous situations and to autonomously make decisions based on the analysis of these data.



### Collaboration

Diavita is interested in collaboration in the following domains: Cloud Computing, 5G, Big Data and High Performance Computing.

## Digital Partners



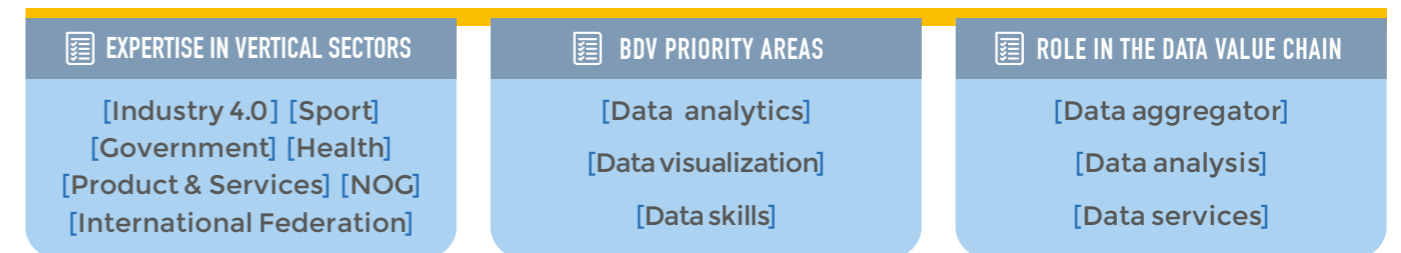
COMPANY NAME	Digital Partners S.A.
HEADQUARTERS	Lausanne (Switzerland)
EMPLOYEES	5
COMPANY WEBSITE	digitalpartners.ch
FOUNDATION YEAR	2016
CONTACT INFORMATION	anys.boukli@digitalgroup.ch

### Brief company description

Digital Partners specializes in Digital Transformation Consulting and Digital Platforms Solutions for multiple industries. Digital Partners solutions cover different sectors, unlocking the value of corporate data by using a personalized Data Driven approach. Its services include Analytics through Business Digital Dashboards by transforming data into knowledge to create value for clients.

### Role and offer in the data-driven economy

This innovative platform uses the power of Data Driven Business Modelling through an incremental and iterative machine learning engine based on the DDBM "Data Driven Business Model" Framework. The engine proposes Business Valuable Patterns connected to different Valuable Business and Technical APIs, learning from their dataset of and actions with their Behaviours. Digital Partners mixes cognitive computing & machine learning, for decoupling the data business usages and make them valuable for market purposes as needed.



### Collaboration

Digital Partners offers different Digital Big Data Platforms & Services supported by different realized scenarios. Digital Partners is looking for added value partners to commonly respond to its clients' needs as well as partnership on common European opportunities.

## Grassroots

GRASSROOTS  
ARTS

COMPANY NAME	Grassroots Arts and Research
HEADQUARTERS	Cologne (Germany)
EMPLOYEES	2
COMPANY WEBSITE	grassroots-arts.eu
FOUNDATION YEAR	2009
CONTACT INFORMATION	carmen@grassroots-arts.eu

### Brief company description

Grassroots Arts, is a media arts research company, whose specific assets are:

Visions, know-how, networking and experience, grown for 16 years in academic and industry driven research and development projects.

### Role and offer in the data-driven economy

Grassroots is offering creative concepts, user engagement and user centric design methodologies for big data user test scenarios, test pilots and experiments, and project management for research and innovation projects. Its main focus is not on ICT, but on creativity and user engagement activities for the experiments and test pilots. The assets are vision, know-how, talent and community networks for designing large scale experiments.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Content and Media]	[Data visualization] [Data experiments] [Data skills]	[Data user] [Data experiments]

### Collaboration

Grassroots Arts offers project management as well as the design of big data pilots and user evaluation.

## InData



COMPANY NAME	InData Labs
HEADQUARTERS	Nicosia (Cyprus), Minsk (Belarus)
EMPLOYEES	41
COMPANY WEBSITE	indatalabs.com
FOUNDATION YEAR	2014
CONTACT INFORMATION	info@indatalabs.com

### Brief company description

InData Labs is a data science consulting company. Leveraging Artificial Intelligence and Big Data technologies to create real, measurable benefits for its clients.

### Role and offer in the data-driven economy

InData Labs core services include data architecture advisory, big data engineering, data science, and machine learning development. Its projects have helped the customers to find new ways of leveraging data, add mission-critical features to its products, and automate time-consuming tasks. InData Labs Big Data Services include: Data warehouse modernization, Data lake implementation, Real time stream processing. InData Labs Artificial Intelligence development skills include: Machine learning, Natural language processing, Computer vision, Predictive analytics.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Health] [Finance] [High Tech] [Retail] [Gaming]	[Data management] [Data processing architectures] [Data analytics]	[Data analysis] [Data science services] [Machine learning development] [Big data consulting]

### Collaboration

InData Labs is full-stack data scientists, engineers, and app developers. It partners with companies of all sizes helping them build AI-powered products and solutions.

## JOT Internet Media



COMPANY NAME	JOT Internet Media
HEADQUARTERS	Madrid (Spain)
EMPLOYEES	
COMPANY WEBSITE	jot-im.com
FOUNDATION YEAR	2004
CONTACT INFORMATION	hello@jot-im.com

### Brief company description

JOT Internet Media España SL is a specialist digital marketing agency that generates large amounts of qualified search traffic to premium partners. This means the company helps its clients increase their web traffic, monetize it and generate extra revenue.

### Role and offer in the data-driven economy

JOT exploits the data to implement a novel analytic approach enabling the optimization of the digital marketing budget and improvement of the performance and conversion rates of campaigns. This is based on the custom automation of tasks and reporting which enables the exploitation of account managers' skills for strategic decisions instead of merely routine tasks. Within the data value chain, JOT plays the data owner role. Apart from using the data for the core business of the company, JOT developed additional technical work to enrich the data sets, generate user profiling and offer them to third parties, such as e-commerce.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Digital marketing]	[Data management] [Data storage] [Data reporting]	[Data owner] [Data aggregator] [Data reporting]

### Collaboration

JOT is open to collaborating as a big data provider and end user. The main goals are the implementation and evaluation of machine/deep learning and complex engine processes applied in real cases related to digital marketing.

## Martel Innovate



COMPANY NAME	Martel Innovate
HEADQUARTERS	Dübendorf, Zurich (Switzerland)
EMPLOYEES	16
COMPANY WEBSITE	martel-innovate.com
FOUNDATION YEAR	1996
CONTACT INFORMATION	info@martel-innovate.com

### Brief company description

Martel is a dynamic, Swiss-based ICT consultancy with more than 20 years' experience managing innovation projects worldwide. Martel supports the lifecycle of innovation projects through its three business units.

### Role and offer in the data-driven economy

Martel Innovate specializes in ICT, with a focus on public innovation funding, media and branding, and innovative technology. Martel Lab, the R&D&I department, offers scalable and customized services for IoT and data intensive services based on FIWARE technologies, capable of supporting more than 10,000 transition per second per node. E.g., the QuantumLeap service supports the realtime processing for georeferenced time series. It also offers solutions for creating dynamic and intuitive dashboards on top of stored data.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Media] [Smart City]	[Data management] [Data processing architectures] [Business]	[Data aggregator] [Data services]

### Collaboration

Martel Innovate offers its R&D skills on Timeseries data management, combined with deep experience in the marketing of R&D results. Martel Innovate is looking forward to opportunities to validate its technologies in new data-driven application scenarios.

## Mosaic Factor



COMPANY NAME	Mosaic Factor SL
HEADQUARTERS	Barcelona (Spain)
EMPLOYEES	7
COMPANY WEBSITE	mosaicfactor.com
FOUNDATION YEAR	2016
CONTACT INFORMATION	stefano.persi@mosaicfactor.com

### Brief company description

Mosaic Factor is an SME specialized in data driven innovation in Mobility of people and goods, with a strong focus on data sharing and all related issues and opportunities.

### Role and offer in the data-driven economy

Mosaic Factor is specialized in the development and customization of predictive algorithms and data analytics for Mobility and Logistics. Data Privacy and Data Sharing mechanism are core competencies of Mosaic Factor team.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Mobility (including MaaS and Connected and Electric Vehicles) and Logistics]	[Data management] [Data analytics] [Data privacy]	[Data aggregator] [Data analysis] [Data services]

### Collaboration

Mosaic Factor offers data analysis in the fields of Mobility and Logistics. If you are handling data related to one of these fields and you have doubts about Data Privacy, Data Ownership and Data Sharing mechanisms, Mosaic Factor will be happy to assist you with its experience.

## Mozaika



COMPANY NAME	Mozaika
HEADQUARTERS	Sofia (Bulgaria)
EMPLOYEES	1
COMPANY WEBSITE	mozajka.co
FOUNDATION YEAR	2011
CONTACT INFORMATION	mariana.damova@mozajka.co

### Brief company description

Mozaika, the Humanizing Technologies Lab, is an SME and a Research Center providing research in the field of data science, unstructured data processing, natural interfaces, knowledge management and human insight.

### Role and offer in the data-driven economy

At Mozaika they are trying to leverage data science with natural interfaces to provide solutions tailored to human behavior, attitudes and comprehension, also known as cognitive systems. The company specialized in building information infrastructure service a variety of applications in data as a service mode. The company also offers R&D services and project development.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Business information delivery] [Human resources management] [Cultural heritage] [Industry 4.0] [Earth observation] [Smart cities]	[Data management] [Data processing architectures] [Data analytics]	[Data aggregator] [Data analysis] [Data services]

### Collaboration

Mozaika offers project development, business analysis, design and development of information infrastructures in different verticals, R&D services in knowledge management and AI. They look for strategic partners, business development and marketing experts, new markets, investors.

## Neuropublic



COMPANY NAME	Neuropublic SA
HEADQUARTERS	Piraeus (Greece)
EMPLOYEES	90
COMPANY WEBSITE	neuropublic.gr
FOUNDATION YEAR	2003
CONTACT INFORMATION	info@neuropublic.gr

### Brief company description

Neuropublic is an ICT SME, specialized in integrated IS and high-demand applications, focusing especially on agriculture. Neuropublic services are being successfully used for >10 years, by >800.000 end-users.

### Role and offer in the data-driven economy

Neuropublic is working on the integration, management and analysis of large volumes of heterogeneous types of data in order to provide services related to Smart Farming, CAP implementation and spatial analytics, to >725.000 agricultural professionals. These data include environmental and soil measurements coming from its national wide network of IoT telemetric stations of its own design called GAIATrons, weather forecast data, UAVs and Sentinel data, proximity sensing data, business data and more.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Agriculture] [Public administration] [Health] [Space]	[Data analytics] [Data visualization] [Society]	[Data owner] [Data analysis] [Data user]

### Collaboration

Neuropublic offers expertise on using Big Data in agriculture, focusing especially on CAP implementation and Smart Farming, and significant use cases with access to all stakeholders across the agri-food value chain.

## Nuromedia



COMPANY NAME	Nuromedia GmbH
HEADQUARTERS	Cologne (Germany)
EMPLOYEES	20
COMPANY WEBSITE	nuromedia.com
FOUNDATION YEAR	2006
CONTACT INFORMATION	info@nuromedia.com

### Brief company description

Nuromedia is an independent multimedia and software engineering company founded in 2006 by Jens Piesk and Dr. Holger Sprengel, entrepreneurs in technology sector, with profound expertise of national and international R&D projects. Nuromedia develops, produces and markets quality products, services and trend-setting software solutions.

### Role and offer in the data-driven economy

Nuromedia works in Big Data Analysis, Data Visualization and use of data for Media Application. The amount of data generated by media applications and games developed by the company's sister company Nurogames is immense. Nuromedia works in using data from various sources and applications to analyze and produce smarter applications for eHealth and eLearning as well as Serious games and Applied games.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[BeHealth] [eLearning] [Smart energy] [Next generation networks] [Health] [Learning] [Energy] [Telco]	[Data management] [Data analytics] [Data visualization] [Data analytics]	[Data analysis] [Data services] [Data user]

### Collaboration

Nuromedia offers collaboration for National and International R&D projects. The company work heavily in dissemination and exploitation apart from software development and data analysis in the projects.

## Semantic Web Company



COMPANY NAME	Semantic Web Company
HEADQUARTERS	Vienna (Austria)
EMPLOYEES	40+
COMPANY WEBSITE	semantic-web.com
FOUNDATION YEAR	2005
CONTACT INFORMATION	office@semantic-web.com

### Brief company description

Semantic Web Company (SWC) is globally acknowledged as a leading and most innovative Linked Data technology provider. SWC is the company behind PoolParty Semantic Suite - the preferred semantic solution of Fortune 500 companies.

### Role and offer in the data-driven economy

SWC focus is on metadata & data management and integration, search based applications, and analytic solutions making use of semantic information and data management principles and techniques. A team of Linked Data experts provides consulting and integration services for semantic data, information and knowledge (management) solutions. SWCs' research department guarantees innovation that matters in national and international Research and Innovation projects. Its core product PoolParty Semantic Suite (poolparty.biz) used as semantic middleware enables customers to establish context sensitive data & information management solutions.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Publishing] [Media & Broadcasting] [Pharma] [Health] [Construction] [International developmente]	[Data management] [(meta) Data management] [Data analytics]	[Data integrator] [(meta) Data management] [Data analytics]

### Collaboration

Collaborations in Research and Innovation projects (bilateral, H2020 et al) as well as technology projects as e.g. integration of software into industry solutions and/or technology cooperation (e.g. ML, NLP, semantics etc).

## Spacelabel



COMPANY NAME	Spacelabel
HEADQUARTERS	Liège (Belgium)
EMPLOYEES	100
COMPANY WEBSITE	spacebel.be
FOUNDATION YEAR	1988
CONTACT INFORMATION	info@spacebel.be

### Brief company description

Spacelabel is a company operating in the Space and Earth monitoring applications sectors: design and development of IT systems for the space industry, geospatial information systems and services, mission definition and analysis of Earth observation minisatellites.

### Role and offer in the data-driven economy

Provision of EO Data Discovery and Acquisition Components (e.g. FedEO gateway) enabling harmonized access to many EO missions worldwide. Spacebel co-authored several EO-related OGC standards and CEOS Best Practices and has the expertise with EO metadata, linked data, data discovery, identity management ordering and access from (OGC, CEOS, HMA, ISO, W3C and OASIS). Components for data analytics (based on Sentinel data) and standards-based method for deployment of processors on a cloud environment (Exploitation Platform thread of OGC TestBed 13).

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Forestry] [Agriculture] [Risk management]	[Data management] [Data processing architectures] [Data standards]	[Data aggregator] [Data analysis] [Data services]

### Collaboration

Spacebel is willing to collaborate with business-oriented service providers to implement sustainable EO-based services for value chains in Agriculture, Natural Resource Management, Risk Management, and other environmental domains.

## Teknopar



COMPANY NAME	Teknopar Industrial Automation
HEADQUARTERS	Ankara (Turkey)
EMPLOYEES	30
COMPANY WEBSITE	teknopar.com.tr
FOUNDATION YEAR	1996
CONTACT INFORMATION	punal@teknopar.com.tr

### Brief company description

Teknopar is an R&D performing SME and it is one of the leading providers of automation systems and solutions in Turkey for industrial facilities, energy, mobility and defence sectors.

### Role and offer in the data-driven economy

Teknopar is a professionally managed high-end automation solution company with its state-of-the-art implementation, integration, development and customization services. Its major focus is on industrial and energy automation with abilities on hardware and embedded software design and delivery. Teknopar has ICT solutions focusing on Big Data, M2M and Industry 4.0.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Manufacturing] [Energy, Defence] [Mobility]	[Data processing architectures] [Data analytics] Data visualization	[Data owner] [Data aggregator] [Data analysis]

### Collaboration

Teknopar is looking for collaboration on ICT research and innovation projects. Big data analytics solutions and IoT applications for manufacturing, energy and other verticals are the main topics the company is interested in.

## Treelogic



COMPANY NAME	Treelogic S.L.
HEADQUARTERS	Llanera (Spain)
EMPLOYEES	150
COMPANY WEBSITE	treelogic.com
FOUNDATION YEAR	1996
CONTACT INFORMATION	info@treelogic.com

### Brief company description

Treelogic helps optimizing processes and business operations using advanced ICT solutions focused on AI & Big Data integrating emerging technologies as part of the Smart Data ecosystem.

### Role and offer in the data-driven economy

With 20+ years of experience and present in 10+ countries, Treelogic builds open AI & Big Data solutions. Treelogic processes unstructured and structured data, real-time and historical, to unlock its value and deliver it to be used anywhere in the business. Treelogic covers the whole lifecycle and develop end-to-end technology-agnostic solutions with a secure-by-design approach. The company is committed to quality and customer satisfaction, and collaborate with its clients in the definition of use cases for the adoption of emerging data-driven technologies.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Health] [Transport] [Finance, Insurance] [Industry] [Safety and security] [Telecommunications] [Astrophysics]	[Data processing architectures] [Data analytics] [Data visualization]	[Data analysis] [Data services] [Data users]

### Collaboration

Treelogic helps optimizing processes and business operations using advanced ICT solutions focused on AI & Big Data integrating technologies as part of the Smart Data ecosystem.

## Trilateral



COMPANY NAME	Trilateral Research, Ltd.
HEADQUARTERS	London (UK)
EMPLOYEES	30
COMPANY WEBSITE	trilateralresearch.com
FOUNDATION YEAR	2004
CONTACT INFORMATION	info@trilateralresearch.com

### Brief company description

Trilateral Research is a leading multidisciplinary consulting and technology development company. Its team collaborates across social sciences and technology, to bring insights from each to capture the benefits of data driven innovation.

### Role and offer in the data-driven economy

Trilateral Research creates knowledge and tools that empower clients to transform research into innovation and innovation into impact. Its foundation is in social science, with a focus on the privacy, social, ethical or data protection impacts of data-driven technologies. The company has built upon this to add cutting-edge competencies for a rich, diverse set of consulting services within innovation management and technology development. Trilateral Research collaborates across sociology, criminology, computer science, engineering, economics and law to deliver multi-disciplinary services to myriad clients.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Crisis & security] [Smart cities] [Environmental sustainability]	[Data management] [Data analytics] [Data privacy]	[Data analysis] [Data services] [Data user]

### Collaboration

Trilateral Research offers data management (including GDPR assessment) and data analytics services to public and private sector clients, including EC projects. The company is interested in new and interesting test-cases for its services.

## Ubiwhere



COMPANY NAME	Ubiwhere
HEADQUARTERS	Aveiro (Portugal)
EMPLOYEES	40
COMPANY WEBSITE	ubiwhere.com
FOUNDATION YEAR	2007
CONTACT INFORMATION	nfo@ubiwhere.com

### Brief company description

Software and R&D company for the Smart cities, Telecommunications and Internet of the Future sectors.

### Role and offer in the data-driven economy

Ubiwhere's offerings are based on its cutting-edge products and services, the company gathers data from IoT networks from various domains and process it to extract knowledge with the main goal of assessing city needs as a whole. Through data analysis, visualisation and cross-domain/domain-specific applications, Ubiwhere offers municipalities and city service providers the knowledge and tools to enhance the quality and efficiency of their services with the ultimate goal of improving citizens' quality of life.

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Mobility] [Environment] [Energy] [Telecommunications] [Waters]	[Data standards] [Data processing architectures] [Data analytics]	[Data services] [Data analysis] [Data aggregators]

### Collaboration

With more than 10 years of expertise and know-how in the area of Smart Cities, Ubiwhere seeks to foster synergies with partners and municipalities to build the next generation cities.

## Valdani Vicari Associati



COMPANY NAME	Valdani Vicari & Associati (VVA)
HEADQUARTERS	Milan (Italy) / Brussels (Belgium)
EMPLOYEES	80
COMPANY WEBSITE	vva.it
FOUNDATION YEAR	1992
CONTACT INFORMATION	europeanpublicpolicy@vva.it

### Brief company description

VVA is an independent consultancy providing public policy research and advisory services to European Institutions, as well as helping private clients in digital transformation and online marketing.

### Role and offer in the data-driven economy

VVA is both developing uses for Big Data for its advisory activities, and acting as an interlocutor between Big Data providers and users. It assesses and advises European Union policies and programmes around Earth observation and GNSS, the sharing economy, digital platforms, algorithms, data privacy. Its subsidiary Mates4digital (M4D) is a digital company specialising in online marketing using its own proprietary platform Rankit (rankit.it). Its artificial intelligence team works on machine learning solutions helping companies engage with their customers (ndg.ai).

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Earth observation and GNSS] [Energy] [Sharing economy] [Health] [Online marketing]	[Society] [Data skills]	[Data user] [External advisor]

### Collaboration

VVA strives to build a European collaboration network focused on policy and societal aspects of Big Data. M4D is looking for partners to expand its online marketing activities in Europe.

## webLyzard



COMPANY NAME	webLyzard technology
HEADQUARTERS	Vienna (Austria)
EMPLOYEES	8
COMPANY WEBSITE	weblyzard.com
FOUNDATION YEAR	2008
CONTACT INFORMATION	info@weblyzard.com

### Brief company description

webLyzard provides Web intelligence, semantic search and visual analytics services to policy makers such as the United Nations and US Department of Commerce, and to business-to-consumer brands in various sectors.

### Role and offer in the data-driven economy

webLyzard's award-winning big data platform builds on more than 15 years of focused R&D into text mining, natural language processing, linked data, human-computer interaction, and information visualization. To support decision makers, the highly scalable platform detects emerging stories, visualizes semantic associations and provides one of the industry's most advanced communication success metrics. webLyzard has a strong record in acquiring and managing large-scale research projects, including both national projects and European initiatives (FP7, Horizon 2020).

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Government, health] Energy] [Environment] [Tourism] [Automotive] [Telecommunications]	[Data analytics] [Data visualization] [Society]	[Data aggregator] [Data analysis] [Web intelligence]

### Collaboration

webLyzard is looking for technology partners to advance the state of the art in Horizon 2020 projects, and for strategy channel partners to market its services to an international audience.



COMPANY NAME	WINGS ICT Solutions
HEADQUARTERS	Athens (Greece)
EMPLOYEES	69
COMPANY WEBSITE	wings-ict-solutions.eu
FOUNDATION YEAR	2112
CONTACT INFORMATION	[abantoun@wings-ict-solutions.eu] [veras@wings-ict-solutions.eu] [pdemest@wings-ict-solutions.eu] [ktsagk@wings-ict-solutions.eu] [info@wings-ict-solutions.eu]

## Brief company description

WINGS focuses on the development of software through advanced wireless, cloud/IoT, big data and security technologies leveraging know-how of its staff who has been active in research projects for more than twenty years.

## Role and offer in the data-driven economy

WINGS members have a long experience and expertise in machine learning, data mining and data analysis with algorithms and tools capable of addressing Big Data challenges. WINGS competence in the area refers to the exploitation of machine learning techniques (mainly unsupervised ones that offer re-usability of their tools in more than one use case/ application) for building knowledge on the past experience of the considered (eco-)system, visualizing the produced knowledge and predicting the future behaviour of the (eco-)system. These predictions can eventually guide proactive actions for avoiding undesired future situations (e.g., in the telecommunication or e-health area) or for suggesting actions that will receive better acceptance from the potential future customers (e.g., in targeted campaigns or customer related issues in the telecommunication area).

EXPERTISE IN VERTICAL SECTORS	BDV PRIORITY AREAS	ROLE IN THE DATA VALUE CHAIN
[Water] Energy [Smart cities] [Food safety] [Health] [Transportation] [Finance]	[Data analytics] [Data processing] [Data visualization]	[Data analysis] [Data services] [Data storage]

## Collaboration

WINGS is looking for partners that are willing to offer data or expertise in the above mentioned verticals for commonly developing new products, services or businesses.

This work is a product of the staff and members of the Big Data Value Association (BDVA). It has been developed in the framework of the BDVA Task Force 8 Subgroup 1 (TF8-SG1) Data Entrepreneurs (SMEs and Start-ups) in collaboration with the Big Data Value Ecosystem (BDVe) project (Data-driven entrepreneurship and SME engagement task).

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