Evidence Based Big Data Benchmarking to Improve Business Performance

Fact Sheet

Project Information

DataBench

Grant agreement ID: 780966

Closed project

Start date: 1 January 2018
End date: 31 December 2020

Funded under
INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Total cost
€ 2 240 988,75

EU contribution
€ 2 240 988,75

Coordinated by
IDC ITALIA SRL
Italy

Objective

Organisations rely on evidence from the Benchmarking domain to provide answers to how their processes are performing. There is extensive information on how and why to perform technical benchmarks for the specific management and analytics processes, but there is a lack of objective, evidence-based methods to measure the correlation between Big Data Technology (BDT) benchmarks and an organisation’s business benchmarks and demonstrate return on investment. When more than one benchmarking tool exists for a given need, there is even less evidence as to how these tools compare to each other, and how the results can affect their business objectives. At the heart of the DataBench project is the goal to design a benchmarking process helping European organizations developing BDT to reach for excellence and constantly improve their performance, by measuring their technology
development activity against parameters of high business relevance. DataBench will investigate existing Big Data benchmarking tools and projects, identify the main gaps, provide a robust set of metrics to compare technical results coming from those tools. It will provide a framework to associate those technical results with the economic processes that are imperative to a company. It will provide a robust set of benchmarks to assess which tools respond best and provide the most pertinent information for organisation’s economic planning and respond to their current and emerging industrial needs. It will provide a software tool which the industrial and research community users can leverage to do this evaluation. DataBench will interact with ICT14 and 15 projects to give access to this tool and framework to leverage the Big Data benchmarking investment so far carried out in the benchmarking community, contributing to the success of the BDV-PPP. The project envisions continuous interaction with the leading BDT suppliers and industrial user communities, and has a strong relationship with the BDV cPPP.

Fields of science

natural sciences > computer and information sciences > software
natural sciences > computer and information sciences > internet
natural sciences > computer and information sciences > databases
natural sciences > computer and information sciences > data science > big data

Programme(s)

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)  

Topic(s)

ICT-17-2016-2017 - Big data PPP: Support, industrial skills, benchmarking and evaluation

Call for proposal

H2020-ICT-2016-2017

See other projects for this call

Sub call

H2020-ICT-2017-1
Funding Scheme

RIA - Research and Innovation action

Coordinator

IDC ITALIA SRL
Net EU contribution
€ 371,509,73

Address
Viale Monza 14
20127 Milano
Italy

Region
Nord-Ovest > Lombardia > Milano

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 0,00

Participants (9)

THIRD-PARTY
IDC UK LIMITED
United Kingdom
Net EU contribution
€ 274,490,00

Address
85 Uxbridge Road, 5Th Floor Ealing Cross
W55TH London

Region
London > Inner London — West > Camden and City of London

Activity type

INTERNATIONAL DATA CORPORATION NEDERLAND (I.D.C.) BV
Netherlands
Net EU contribution
€ 39 625,00
Address
Suikersilo-oost 1
1165 MS Halfweg
Region
West-Nederland > Noord-Holland > Agglomeratie Haarlem
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

ATOS SPAIN SA
Spain
Net EU contribution
€ 438 162,53
Address
Calle De Albarracin 25
28037 Madrid
Region
Comunidad de Madrid > Comunidad de Madrid > Madrid
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
POLITECNICO DI MILANO

Italy

Net EU contribution

€ 340,850,24

Address

Piazza Leonardo Da Vinci 32
20133 Milano

Region

Nord-Ovest > Lombardia > Milano

Activity type

Higher or Secondary Education Establishments

STIFTELSEN SINTEF

Norway

Net EU contribution

€ 0,00

Address

Strindveien 4
7034 Trondheim

Region

Norge > Trøndelag > Trøndelag

Activity type

Research Organisations
INSTITUT JOZEF STEFAN

Slovenia

Net EU contribution
€ 288 690,00

Address
Jamova 39
1000 Ljubljana

Region
Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type
Research Organisations

JOHANN WOLFGANG GOETHE-UNIVERSITAET FRANKFURT AM MAIN

Germany

Net EU contribution
€ 89 783,75

Address
Theodor W Adorno Platz 1
60323 Frankfurt Am Main

Region
Baden-Württemberg > Stuttgart > Stuttgart, Stadtkreis

Activity type
Higher or Secondary Education Establishments
<table>
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<tr>
<th>Organisation</th>
<th>Country</th>
<th>Net EU Contribution</th>
<th>Address</th>
<th>Region</th>
<th>Activity Type</th>
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| SINTEF AS    | Norway  | € 326,752.50        | Strindvegen 4  
7034 Trondheim | Norge > Trøndelag > Trøndelag | Research Organisations |
| LEAD CONSULT LTD | Bulgaria | € 71,125.00 | Shejnov Str. 11  
4000 Plovdiv | Югозападна и Южна централна България > Южен централен > Пловдив | Private for-profit entities (excluding Higher or Secondary Education Establishments) |
Non-EU contribution

€ 0,00

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