SpagoBI 5

Turn your data into knowledge

Business session

ENGINEERING

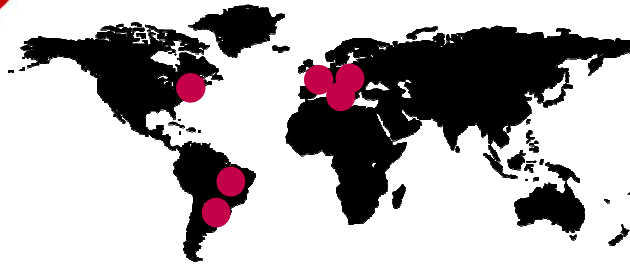**www.spagobi.org**

Agenda

- Introduction
- Engineering and Open Source
- SpagoBI: a unique solution
- SpagoBI overview
    - Analytical features
    - Live demo
- Key values
- Services
- Business cases
- Roadmap and next steps
- Make your own business

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Engineering & Open Source

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Engineering Group

A global player

Business integration
Consulting
Outsourcing
Products and solutions

31 branches in **ITALY**

(Wilmington)
USA

(São Paulo / Rio de Janeiro / Recife Belo Horizonte / Curitiba)
BRAZIL

(Buenos Aires)
ARGENTINA

(Brussels)
BELGIUM

(Belgrade)
REPUBLIC OF SERBIA

1,000
Large accounts

about 7,300
Professionals

7.2%
Italian market

822.8 mn€

Italy: Bologna, Milano, Napoli, Roma, Padova, Palermo e Torino

New York, NY, USA

São Paulo, SP, Brazil

Brussels, Belgium

New! SpagoBI Lab in Belgrade, Serbia

OSS Competency Center & SpagoBI Labs

Spago World

www.spagoworld.org

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Open Source Landscape

Economically efficient

Technically efficient

Strategically efficient

Socially efficient

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Users expect market-ready offerings (i.e.: code complemented by: packaging services, training, maintenance, support, etc.).
Users want a full business proposal, not just bare code.

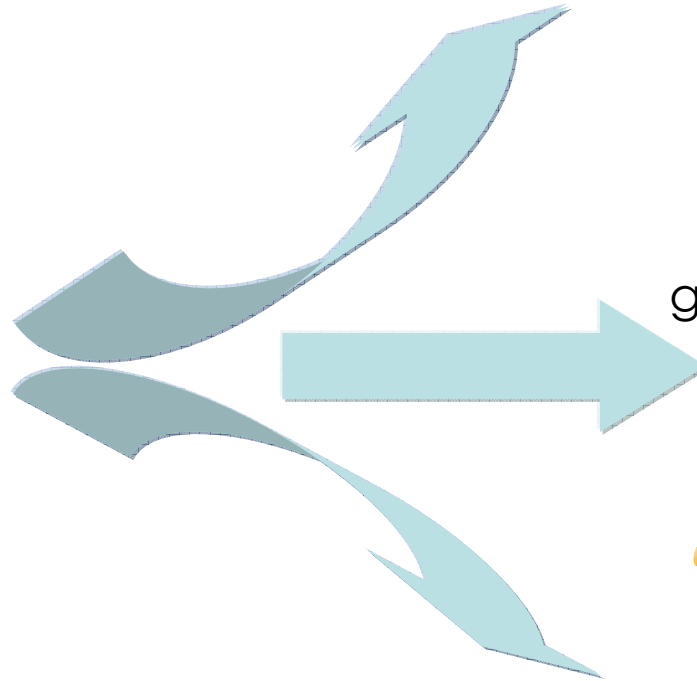**Code is only a fraction of the software value-chain that delivers market-ready offerings.**

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OpenSource@Engineering

INTEGRATOR

open source adoption ➡️ **Competitive lever**

PURE PLAYER

global communities ➡️

OW2

eclipse

open source initiative

spagobi

INNOVATOR

R&D collaborative projects ➡️ European Commission

DIGITAL AGENDA FOR EUROPE

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SpagoBI : a unique solution

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A unique solution

- The ONLY entirely open source Business Intelligence solution **for enterprises**
- The ONLY BI solution without any mandatory cost
- The ONLY BI product that can be embedded into others without licence problems or additional costs (IVS/OEM model)
- UNIQUE open source answers for:
  - Visual **query builder** for different source type (rdbms, file, WS)
  - User friendly **OLAP** client
  - **Big data** analysis
  - **What-if** analysis
  - Self-service **in-memory cockpit** with data mash-up
  - **Location Intelligence**
  - **Social listening**, sentiment analysis, campaigns evaluation

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Open source for enterprise

- Technical points:
  - User profiling, visibility rules
  - Functionalities for administrator
  - Scalable
  - Portable
  - Multitenant
  - BI lifecycle
  - Cache management
- Other:
  - Full-services guaranteed
  - Bug tracker
  - Trouble ticketing
  - Engineering Group
  - OW2 consortium

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Analytical features

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Analytical documents' scope

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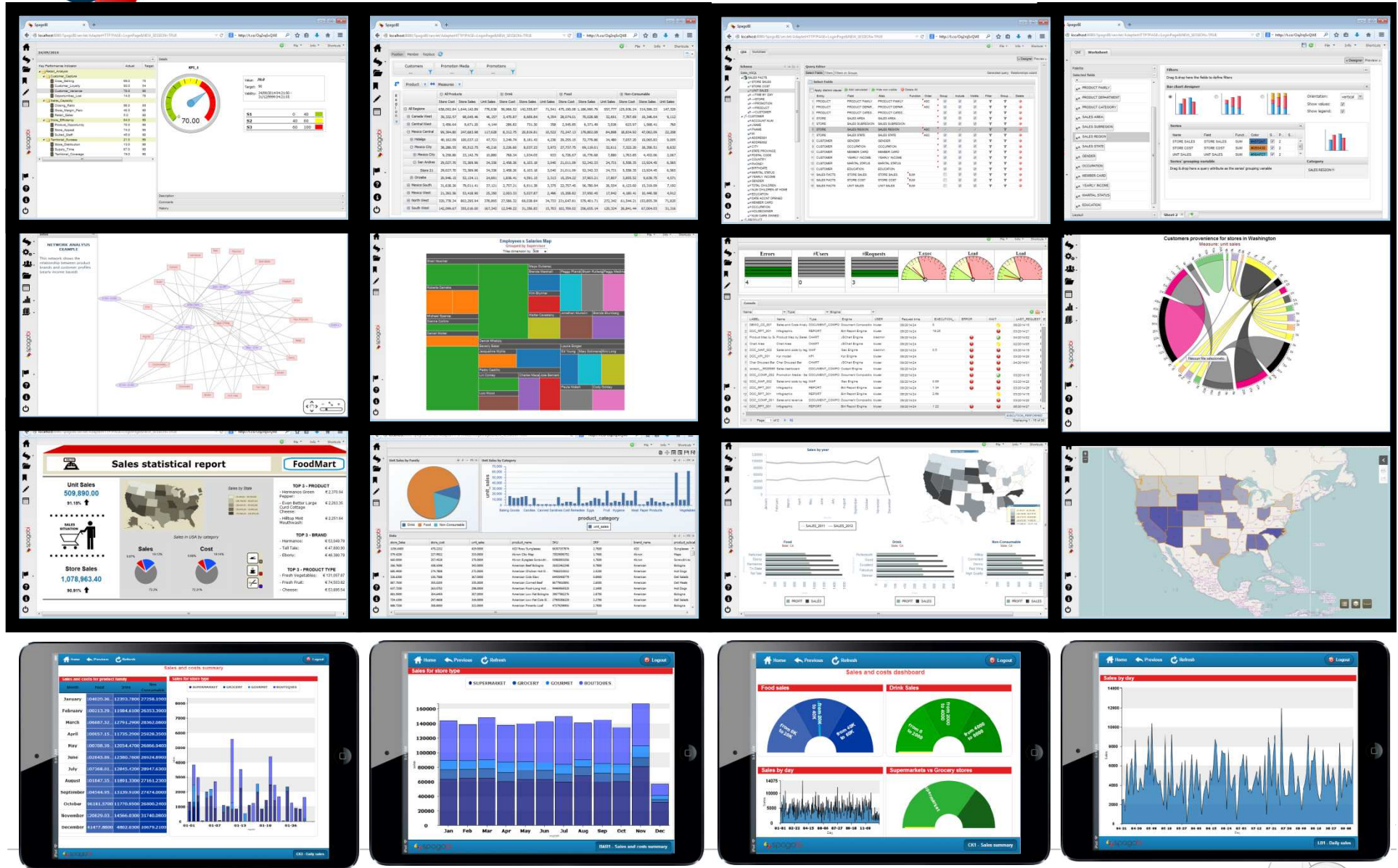
Analytical documents' scope

- **Ready-to-use**
  - **Report**
  - **Chart**
  - **Interactive cockpit**
  - **KPI**
  - **Mobile**
- **Build-by-yourself:**
  - **Ad-hoc reporting**
  - **Self-service BI**
  - **In-memory cockpit**

- **Explorative**
  - **OLAP cube**
  - **Visual Inquiring**
- **Advanced Analytics:**
  - **Location Intelligence**
  - **Data mining**
  - **RT console**
  - **Network analysis**
  - **What-if**
  - **Social listening**

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Live demo

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Key values

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The innovation model

Real projects

Research projects

Innovation

Product

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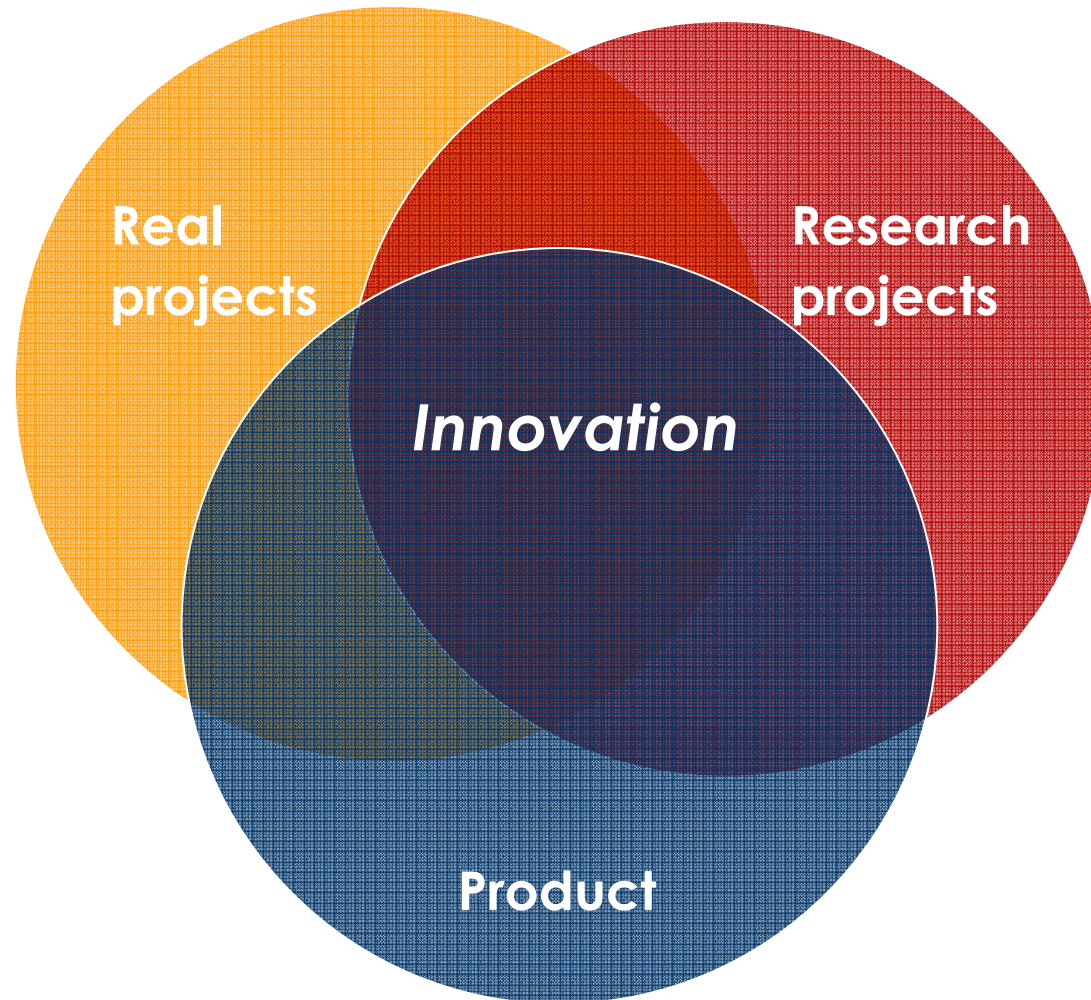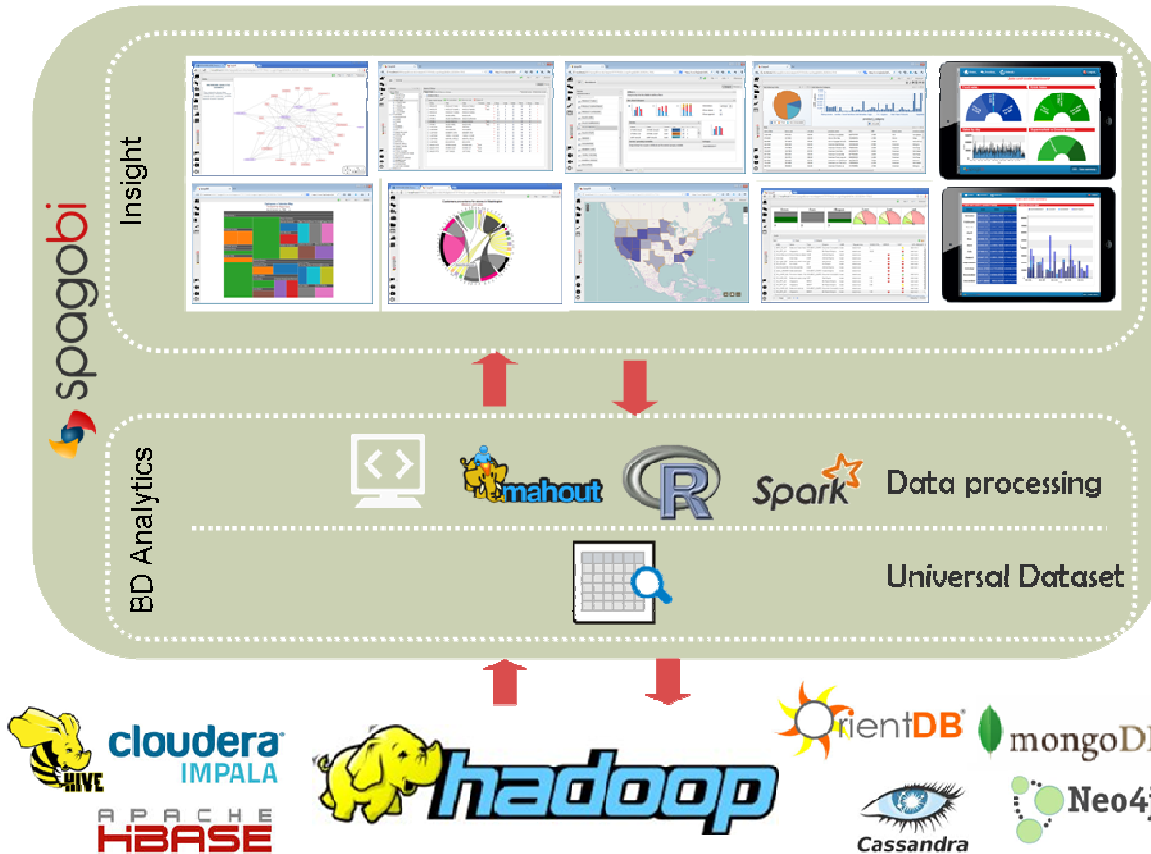
Big data analysis

- Big data = Enterprise data + external data
- Data / text mining
- Combined views
- Mash-up capabilities
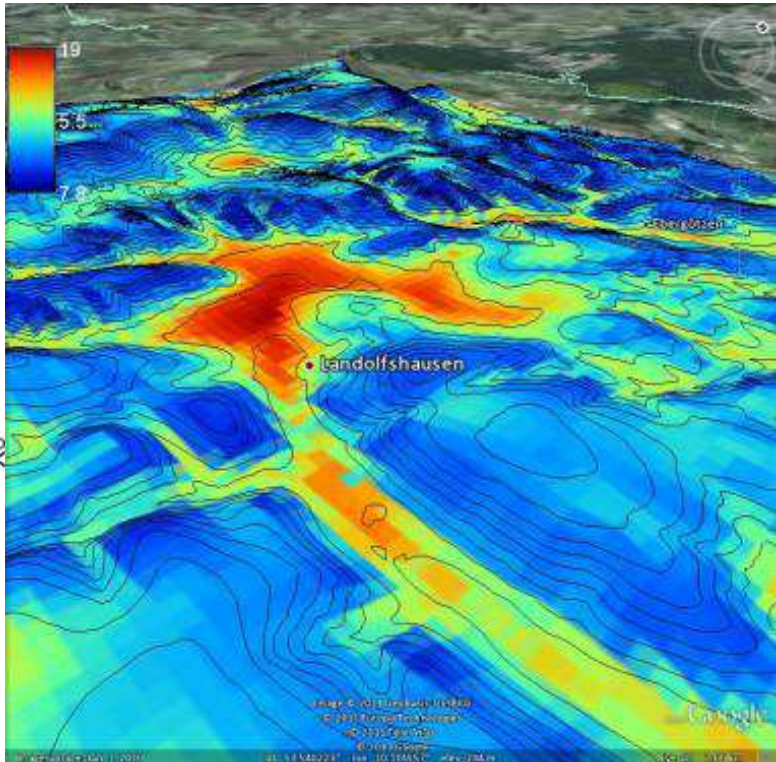- Advanced visualization (networks, etc.)

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Data/text mining and advanced visualization

- Data scientists as new target
- Advanced visualization for anyone
- New resource for Big Data analysis
- New resource for sentiment analysis, brand reputation, campaign evaluation

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The only OS product for social listening

- Social listening
- RT monitoring & historical data
- Sentiment evaluation
- Evaluation of impacts on:
  - Visibility and interest
  - Business
- Multilanguage
- Text and data mining
- Gets insights
- Multiple perspectives

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Social listening

Summary

538 tweets **184** users **172,626** reach **541,752** impressions

28-10-2014
22-01-2015
Search Range

Tweets Sources

- Web Client 30%
- Android 23%
- iPhone 14%
- TweetDeck 9%
- BlackBerry® 4%
- Other 20%
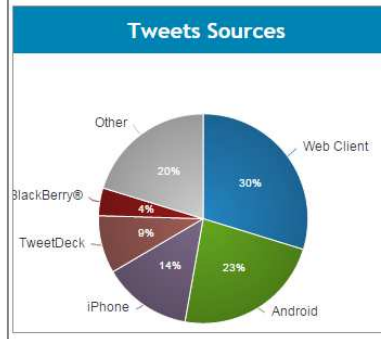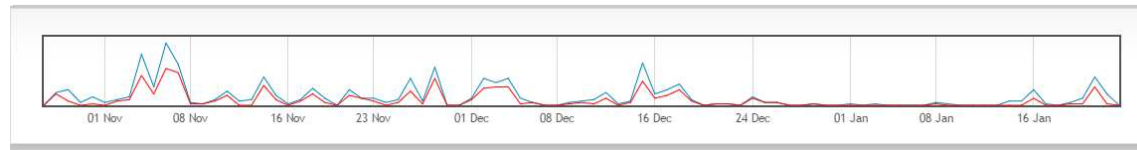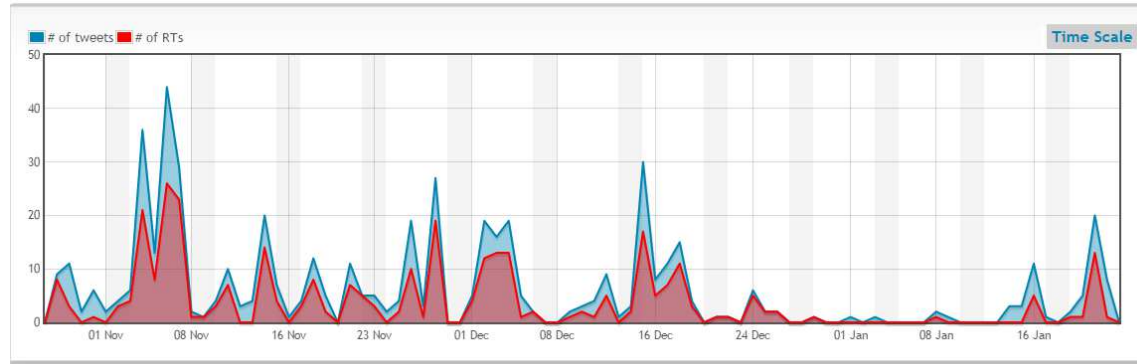
...weets

...neeringSpa 🔁 14 14 Nov
...neering 3° trim. 2014: EBIT supera ...ln (+37%). Pandozy: confermati ...et di fine anno. ...//t.co/R36s9wTdTX http://t.co/5bJdrQSwEo

...ng.neeringSpa 🔁 13 06 Nov
L'Europa incontra la Bay Area. @PugliaSmartLab a San Francisco per parlare di #Sostenibilità e Green-Tech Cities http://t.co/SFMvk0mKXn
#sostenibilità

EngineeringSpa 🔁 11 18 Dec
Oggi a Palermo a presentare i progetti @frontierCities @finodexproject @FABulous_FI. http://t.co/g3EdEApLDY #fiware http://t.co/TVyyXNBWp0
#fiware

EngineeringSpa 🔁 11 21 Jan
22/1 Innovation Day 2015. La nostra vision su #BigData, Cloud, Managed Operations http://t.co/9mhmEWQo9H http://t.co/XTc7Ag7H1M
#bigdata

Recent Tweets

SpagoBI 🔁 2 22 Jan
Today #spagobi is at the "Innovation Day 2015" organized by @EngineeringSpa , with a speech on #bidgata by @gcazzin ! http://t.co/QgiVLRoCki
#spagobi #bidgata

IvanRenesto 🔁 0 22 Jan
How to extract value from your #BigData. An event to learn how to increase your business. Invite: http://t.co/ih98UmtCiC @Engineeringspa
#bigdata

OpenSourceOrg 🔁 0 22 Jan
RT OSI Sponsor @EngineeringSpa: "The New Stakeholder Era: ICT & Knowledge Projects": Workshop a @UniLUISS http://t.co/LwNrhIMqGD

OpenSourceOrg 🔁 0 22 Jan
RT @gruffatti: What I'm going to say next week about #opensource http://t.co/WFnWDU2ARn @SpagoBI @ow2 @EngineeringSpa @TrianaGroup

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Topics

Networks

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Distribution

Sentiment
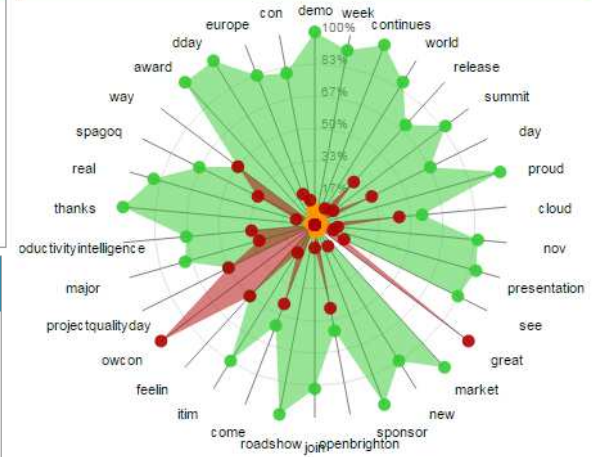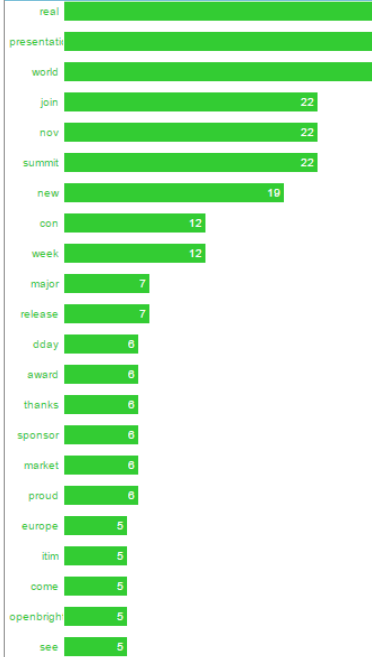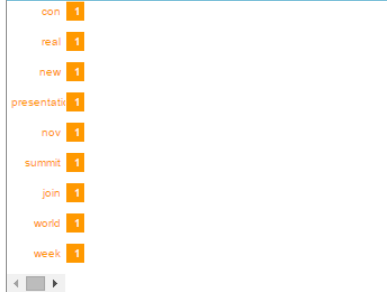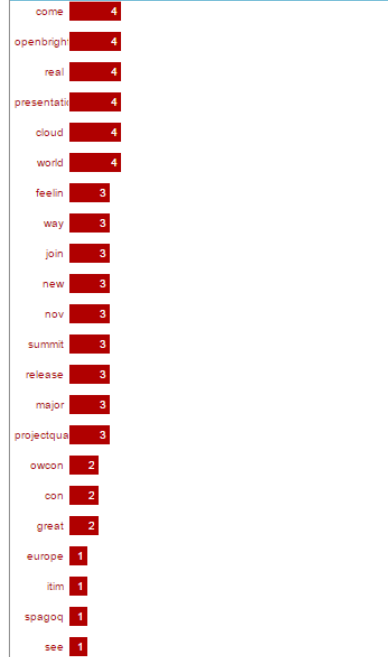
Impact on visibility and influence

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Impact on business

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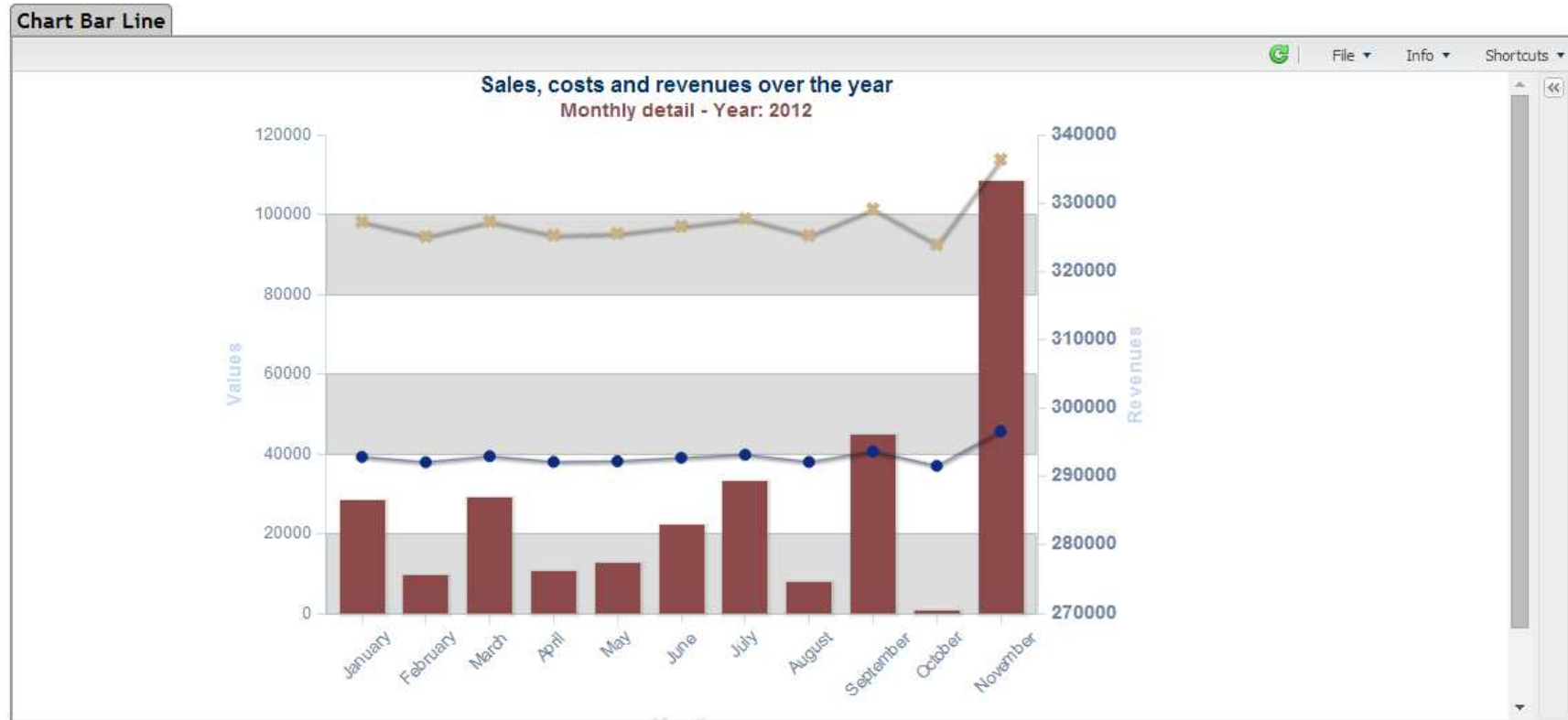
Intuitive what-if solution

- Based on a OLAP model
- Write-back
- Meta-language to set new values
- Propagation up to the leafs and root
- Managment of versions and scenarios

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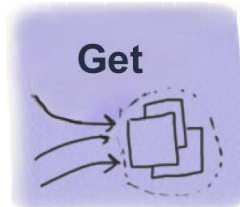
GET: new wizard to capture private files (txt, csv)

PREPARE: data selection with QbE (flat view) and L&F designer

VISUALIZE: worksheet and cockpit

SHARE: publish into shared folders, share annotations and comments (+ export and email)

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Self-service in-memory cockpit

- Design by yourself
- Multiple and shared data sets
- Associative logic
- In-line filters
- Mashup capabilities

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And more

- Openness
  - Open and flexible roadmap
  - Open standard
  - Open architecture
- Adaptative
  - to each client's scenario
  - to different business models
  - to different technological environments
- NO software & vendor lock-in (rights to use the software are separated from sale of services)
- OS Commercial-friendly license
- Low TCO
  - No mandatory cost
  - Basic and free technical requirements (JDK and JDBC)
  - Pure web usage for the end-user
  - Gradual adoption

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Services

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Offering

Product	Services	
On premise	User support	Maintenance
As a service (Paas, Saas)	Consulting & development	Training
On cloud	Webinar & tutorial	Detailed Documentation

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SpagoBI – User support

To support users who are adopting SpagoBI in their projects

The service includes replies to questions concerning the proper use of SpagoBI suite and its features, provided according to a specific service level through an on-line support tool.

Bronze (2 months): cheap and easy to start

Silver (6 months): small developments

Gold (1 year): get your yearly support

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Get guaranteed bug fixing on SpagoBI Software

Bug-fix

Guaranteed replies according to defined SLAs

Priority in requesting new features

Project Support

one single project, unlimited number of CPU and users

Corporate Support

available for an unlimited number of projects for the same enterprise, with an unlimited number of CPU and users

OEM Support

available to companies that integrate SpagoBI as the analytical component of their product.

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SpagoBI – Training

Certified competences and focused training courses to get immediate results!

Reduce your learning curve and **effectively drive your business** with SpagoBI suite.

in-class courses or **on-line courses**

	Target users	Duration
Quick Start (introductory course, mandatory for other courses)	architects, analysts, developers	4 days
Basic Engines	developers	5 days
Advanced Engines	developers	5 days
Administrator	architects, analysts, developers	3 days

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SpagoBI – Consulting and development

Let our knowledge and expertise guide your success!

Start-up support

The service includes **on-the-job training** sessions with SpagoBI specialists, help you set up, design and deploy your SpagoBI at the **best level of knowledge and expertise** with a specific consultancy on how to get starting with SpagoBI suite.

Consulting services

SpagoBI Labs can help you achieve your project objectives effectively, through **expert advice and knowledge**. Ad-hoc packages or turn-key options are available.

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SpagoBI – Consulting and development

Let our knowledge and expertise guide your success!

Proof of Concepts (PoC)

Get started with a **ready-to-use prototype** integrating SpagoBI analytical features with your data, ensuring successful implementation.

Development services

Do you need a **feature or extension** that is not provided by SpagoBI suite yet? SpagoBI Labs can develop it for you, according to your specific requirements and timelines.

Integration and OEM services

Let SpagoBI Labs **develop, design and implement your Business Intelligence project**, ensuring seamless integration with your software environment.

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SpagoBI – Additional resources

Free webinars: to learn about key features or solutions related to SpagoBI Suite

Video-tutorials

SpagoBI wiki: free on-line basic documentation

WIKI

SpagoBI 5 **User Manual**

A suite of SpagoBI BOOKS... coming soon!!

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Roadmap and next steps

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Roadmap

- Architecture review (REST compliant) → embedded BI
- Analytical Engines
  - OLAP (export, calculated field, drill-through, print, search)
  - What-if (more algorithms, multi-user, I/O)
  - Cockpit (association discovery, new widgets, multiple sorting)
  - Social listening: more sources
  - New chart engine
  - Parametric data mining processes with R
  - Qbe: data federation
  - Improvements on mobile engine
- Ad-hoc & self-service
  - My Analysis from smart filter
  - My Data : data set preview
- SpagoBI Meta: metamodel lifecycle
- New topics:
  - Open data (ckan integration)
  - Linked Open Data (GUI for semantic inquiring
- Big data
  - RT, HDFS in R/W mode
  - Advanced analysis and visualization
- Offering: Cloud

- Association discovery on cockpit
- Social listening
- **Data federation**
- **Metamodel lifecycle**
- Open data
- **Linked OD / semantic inquiring**
- (big) Data visualization

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Make your own business

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NO LICENSE FEE = NO VALUE

?

HOW TO GENERATE ECONOMIC VALUE WITH OPEN SOURCE

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BI Projects

SpagoBI as an alternative to Proprietary and Open Source products

No license fee

Spend less, spend better

Start small, think big, run fast

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OF THE RUSSIAN FEDERATION

TELECOM
ITALIA

AUTONOME PROVINZ BOZEN SÜDTIROL   PROVINCIA AUTONOMA DI BOLZANO ALTO ADIGE

Enel

Regione Emilia-Romagna

REGIONE DEL VENETO

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Ready to use analytical models

    Data models

    Analytical document templates

Standardized load interfaces

Focus on specific market sectors

spagobi

for quality

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Embedded BI

Integration of BI capabilities into software products

No license fee, commercial friendly license

Repeatable business

TopView

talend*

SpagoBI for AREAS

Elisa

Adaxa

KALIN SETTERBERG MARATHON

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Cloud BI

Software as a Service

Data Marketplace (Data as a Service)

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Cloud BI

Software as a Service

Data Marketplace (Data as a Service)

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Investment protection

**Complete business
market-ready offering**

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