



indra

10th IEEE International Conference on Global Software Engineering



Industry day panel - Indra | July 14th, 2015



Multinational leader in consulting and technology

Innovation

=

Technology

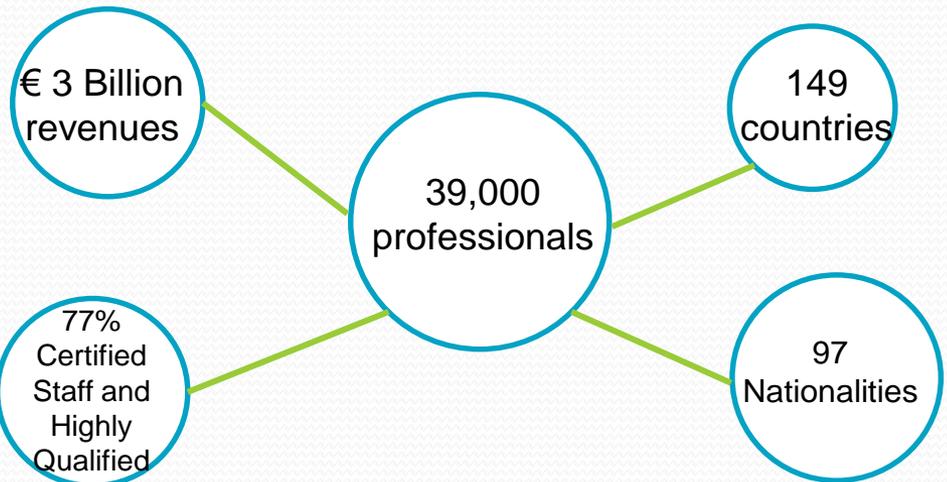
+

Talent

R&D&i

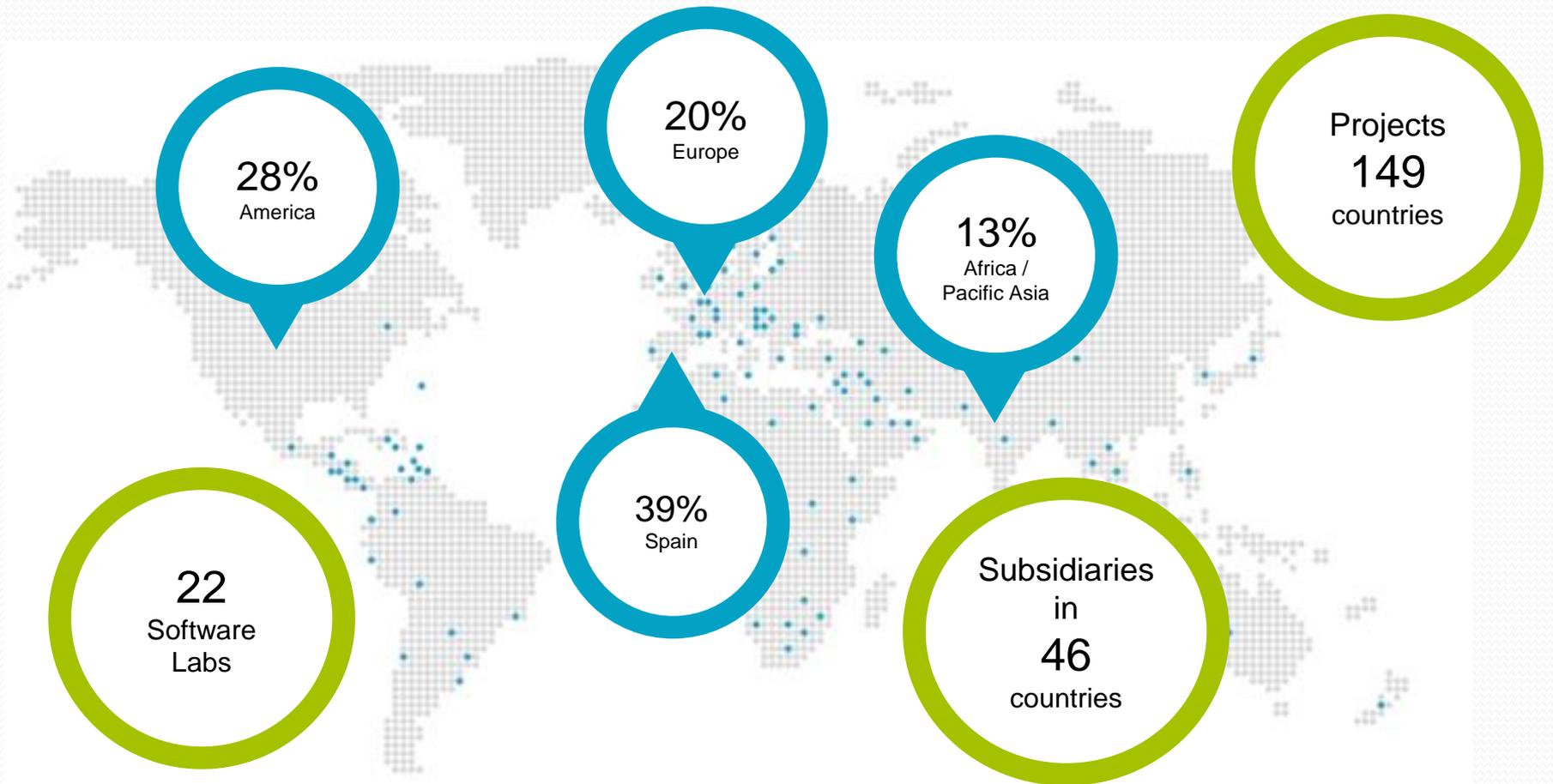
6-8% of revenue

(+190 agreements with universities and research centers)





GLOBAL REACH





TOP CLIENTS WORLDWIDE

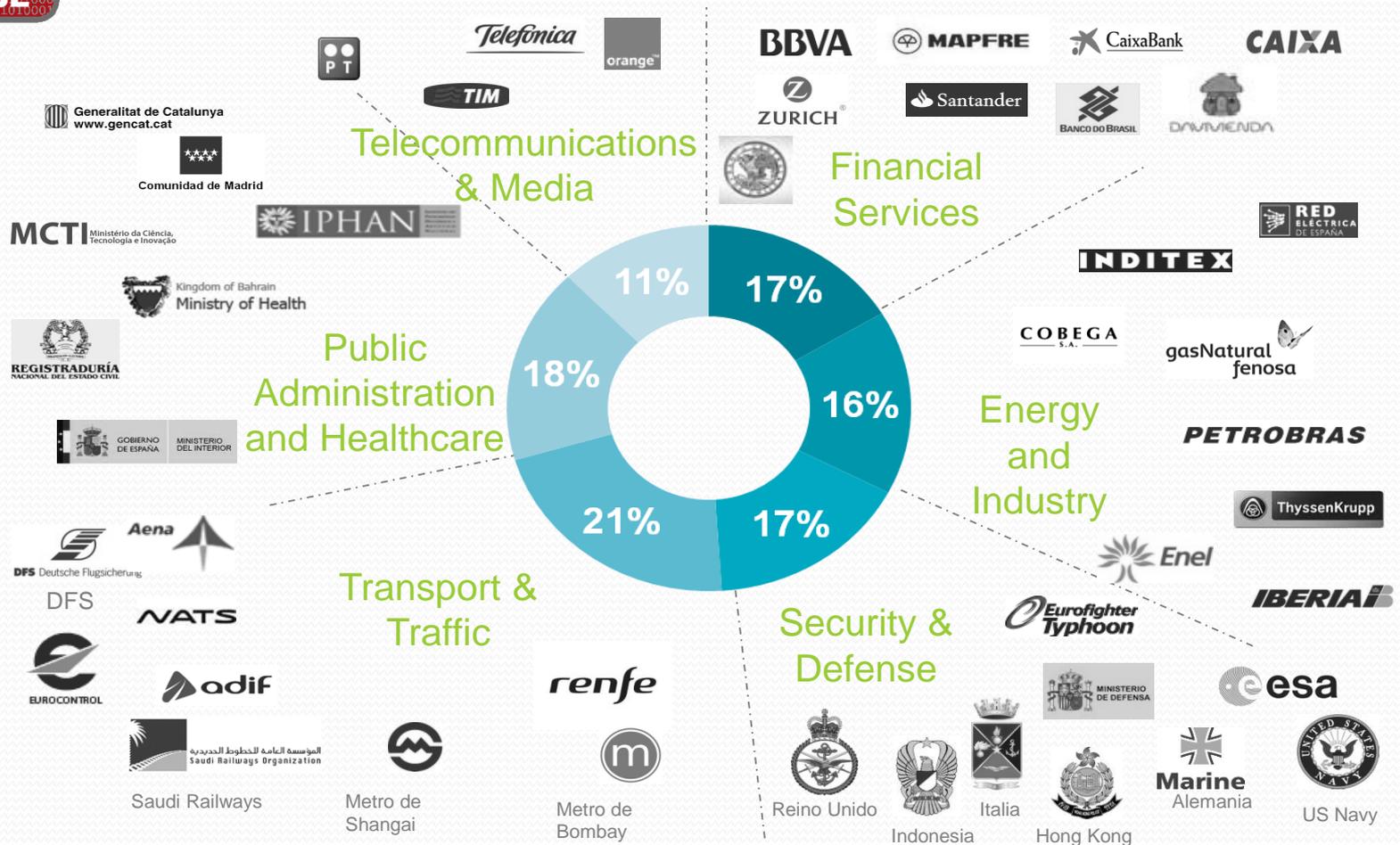
Spain	America	Europe	Asia, Middle East and Africa
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AND IN ALL SECTORS





GSD Example: Project InGRID (I)

Project Description

- Development of an advanced product in the sector of transmission and distribution of electric power.
- It includes real-time subsystems, integration with customer systems, network planning modules, energy efficiency, etc.
- Developed and tested in several locations in Spain, Brazil and Dominican Republic.

InGRID

Transmission & Distribution

GIS

Network Planning

Network Construction & Maintenance

SCADA

OMS/DMS

Substations

Smart Metering

Remote Management

Energy Efficiency



GSD Example: Project InGRID (II)

Places where the work is co-located

Brazil - Campinas

- Development: 30
- Testing: 10

Brazil – Belo Horizonte

- Development: 10

Spain - Madrid

- Development: 20
- Testing: 2

Spain – A Coruña

- Development: 2

Dominican Republic
– Santo Domingo

- Development: 10
- Testing: 2



Challenges found

- Cultural differences, need for common procedures and concepts.
- Several languages spoken in the project.
- Several timezones.
- Need for a collaborative multisite ALM environment, that provides transparency across teams:
 - Task Management
 - Common repositories for source code, libraries, documentation, etc
 - Continuous Integration
 - Code Quality Analysis



Our Solution to GSD Challenges

MIND

To address the challenges found in GSD projects, INDRA provides a common toolset called **MIND Suite**.

Mind Suite counts with an **integrated tool portfolio** that gives support at all levels within the software development services.

This way knowledge management, task automation, quality parameter control and an efficient and **systematized communication between the different work groups** are available.

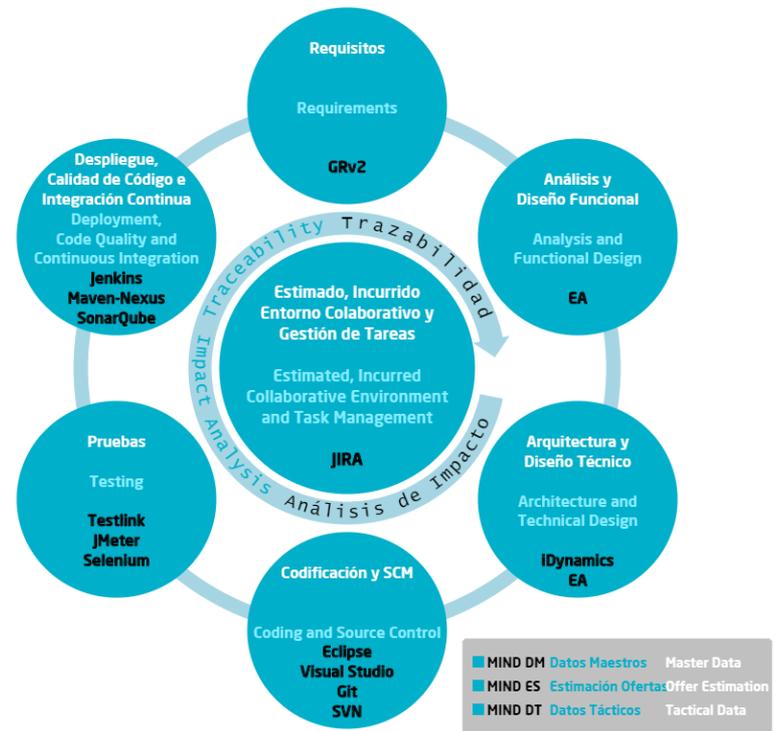
The Suite supports Agile and Traditional Development Models.

All tools are **available 24x7** with corporate credentials. **SSO is provided** to all web-based tools

The suite provides **collaborative spaces** as well as Reuse and Questions Portals

■ Sistema de Medida Measuring System

- MIND Report
- Timing
- Reuse
- JIRA4Client
- DevOps
- I+D Management





A Common approach

PROJECTS IN 60 COUNTRIES MANAGED WITH THE SAME SUITE

1.5M tasks

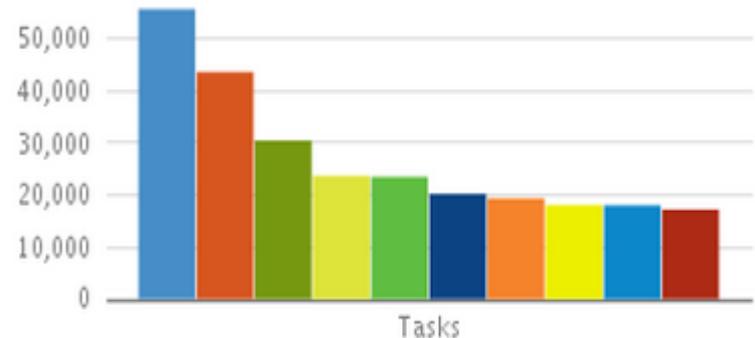
40M hours

2,700 projects

16,400 users

1,500 boards

520K attach



- BRASIL-VIVO-Brasil AM Front End
- FILIPINAS-MANILA ELECTRIC COMPANY-Filipinas MS
- BRASIL-EMPRESAS ENERGETICAS-Brasil AM SGD (GA)
- ESPAÑA-COMUNIDAD DE MADRID-CMMA4
- BRASIL-VIVO-Brasil AM Apoio SAP Movei
- BAHREIN-INDRA BAHRAIN CONSULTANCY SPC-IHS Bahrain
- ESPAÑA-REE-REEOUT - Energía
- ESPAÑA-GNF-Delta (GA)
- BRASIL-Caixa Seguros-Brasil AM SAP
- COLOMBIA-ECOPETROL-Colombia CSP (GA)



Thank you

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