



indra

10th IEEE International Conference on Global Software Engineering



Industry day panel - Indra | July 14th, 2015



Multinational leader in consulting and technology

Innovation

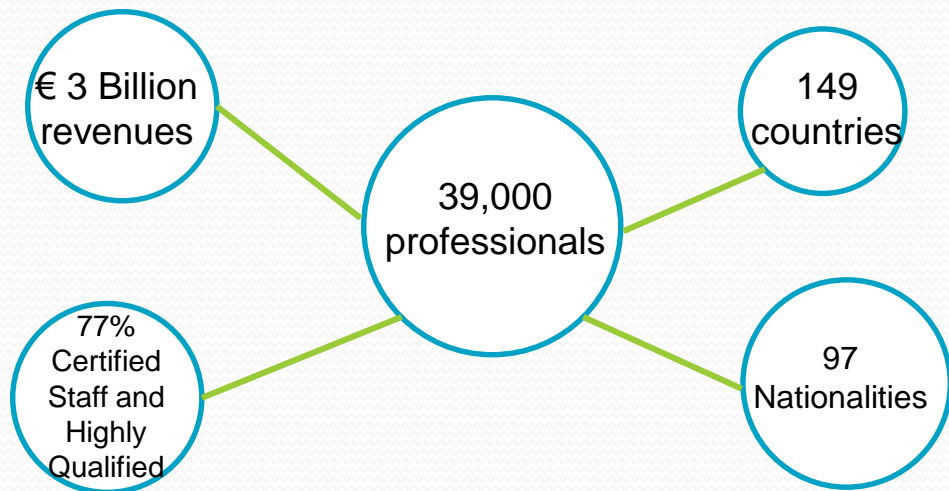
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Technology

+

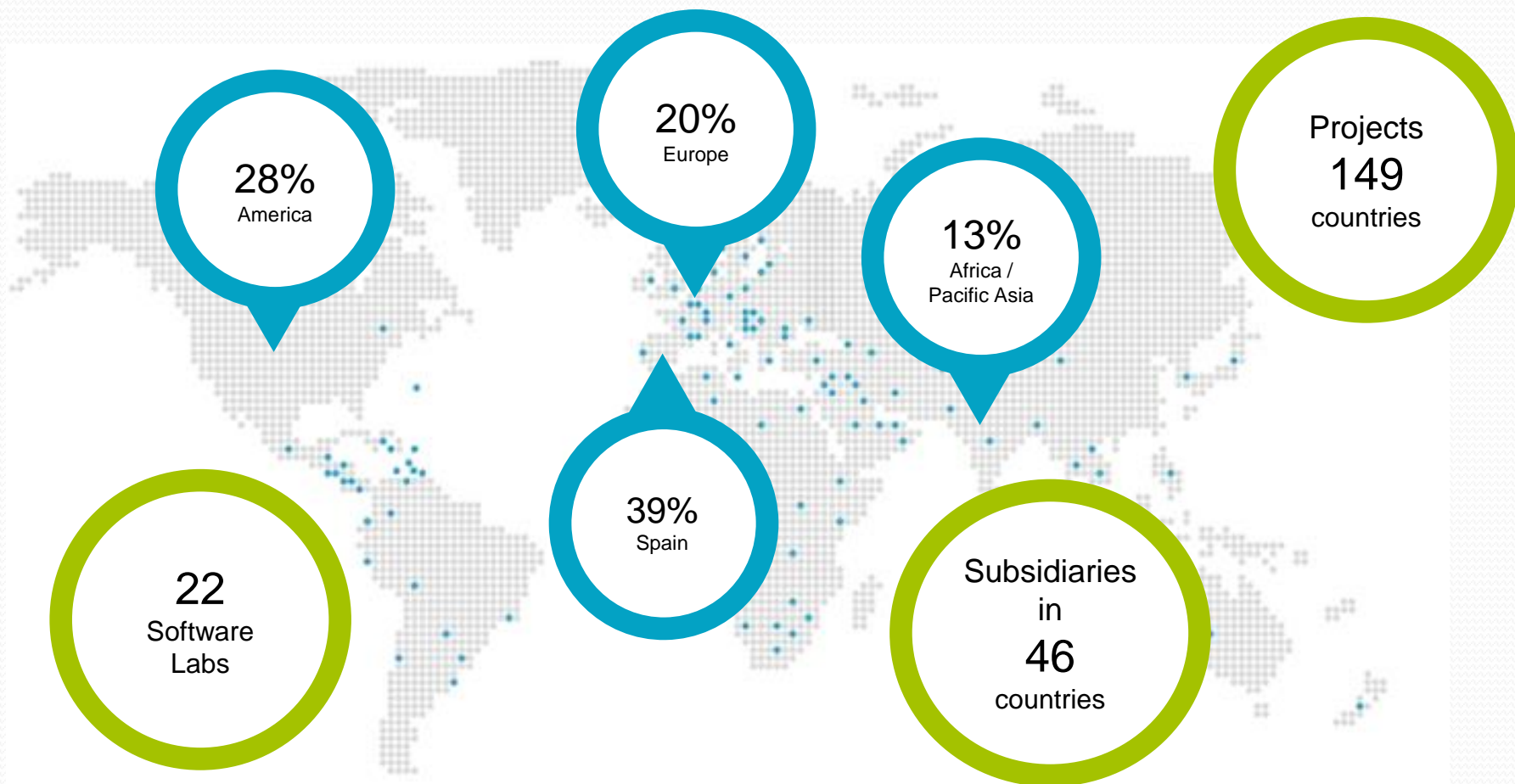
Talent

R&D&i
6-8% of revenue
(+190 agreements with
universities and research
centers)





GLOBAL REACH





TOP CLIENTS WORLDWIDE

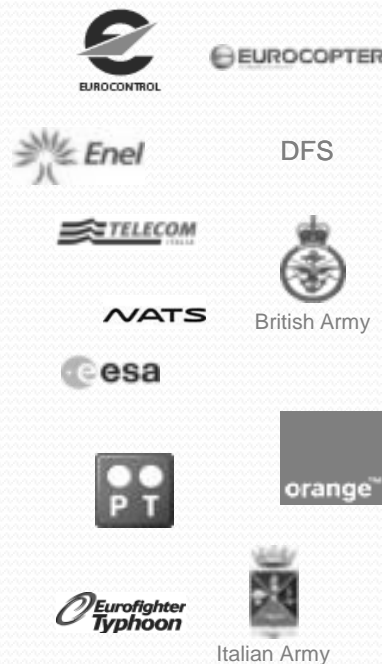
Spain



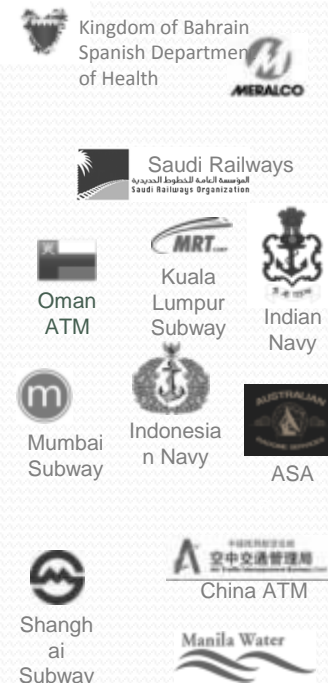
America



Europe

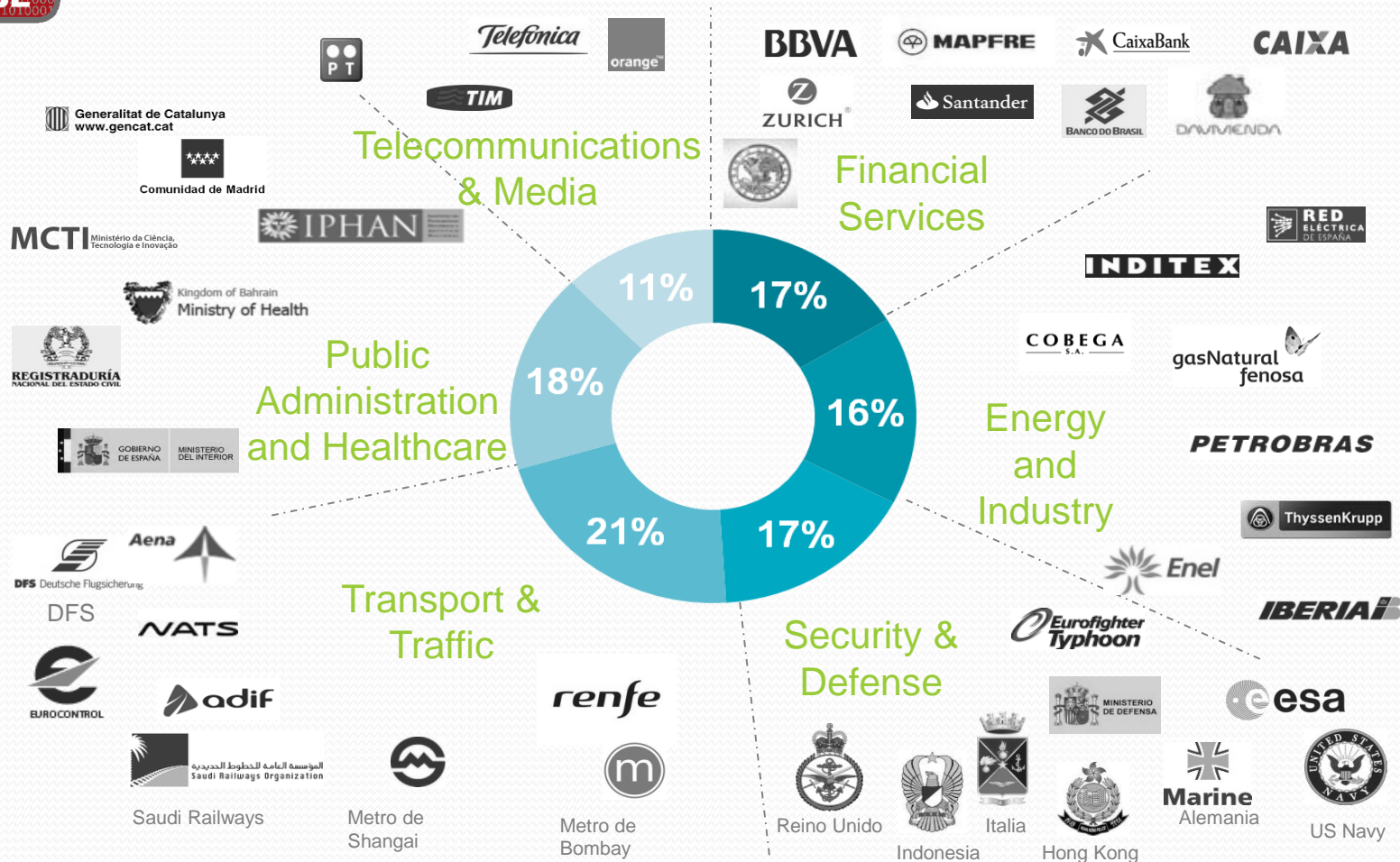


Asia, Middle East and Africa





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	<ul style="list-style-type: none">• Development: 30• Testing: 10
Brazil – Belo Horizonte	<ul style="list-style-type: none">• Development: 10
Spain - Madrid	<ul style="list-style-type: none">• Development: 20• Testing: 2
Spain – A Coruña	<ul style="list-style-type: none">• Development: 2
Dominican Republic – Santo Domingo	<ul style="list-style-type: none">• 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 |





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A Common approach

PROJECTS IN 60 COUNTRIES MANAGED WITH THE SAME SUITE

1.5M tasks

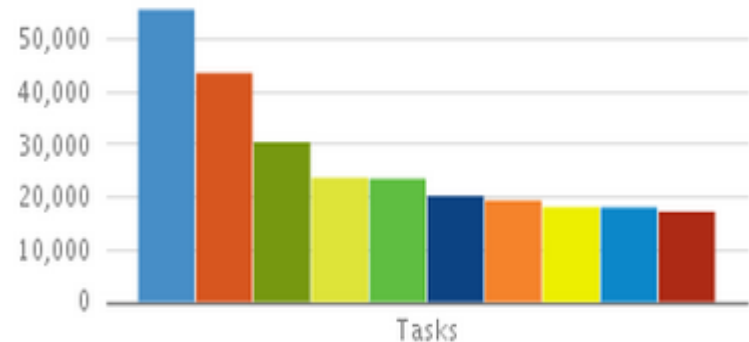
40M hours

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)



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Thank you

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