

Tesmec was established in 1951 in Bergamo - Italy as a pioneering stringing equipment manufacturer.

Since then Tesmec Group has evolved as one of the most innovative world leaders in the stringing business.

At a later stage, Tesmec has positioned itself as a solution leader for the infrastructure market with the development of today's leading design of trenchers.

Products range became wider and wider, following the "3xi" approach: Internationalization, Innovation, Integration. These keywords drive Tesmec towards a growing future.

FOCUS on **INVENTION** line

Second product From **FAMILY** company to **PUBLIC** company

FOCUS on

INTERNATIONALIZATION

FOCUS on INTEGRATION

2010

Stock Exchange (STAR segment)

1984

Trenchers in USA

1960

Edison patent for the new tension stringing system

Entry in the Italian

Establishment of new subsidiaries, JV and Rep. Offices: Tesmec Peninsula, Tesmec SA, Tesmec RUS, Condux Tesmec, Tesmec Service, Tesmec New Technology (Beijing) Ltd

Start up

Railwav.

FOCUS on

INNOVATION

- Grids management market player
- Specialist digging services

2008-2015 Cooperation agreements

and partnerships with key



Modern societies, as well as the emerging ones, face **future challenges** to invest in energy and telecommunications sectors.

New technologies can fill the infrastructural gaps existing between countries; these will improve the efficiency and the needs for future generations. The need to rationalize energy costs and to improve the transmission speed of information, makes the global investments in energy and telecommunication sectors necessary for the global growth. This is the reason why, Tesmec mission contemplates higher investments in technologies for efficiency and management of grids.



vision

Tesmec Advanced technologies are developed in accordance with the ISEQ philosophy "Innovation, Safety, Efficiency, Quality" always respecting the environment.

Our challenge:

to drive growth and modernization of every Country

mission

We look at technological challenges presented by the markets more as opportunities than as threats

We have a responsibility:

to provide the BEST product at the BEST possible price





Tesmec Group is **Leader** in the market of the infrastructures related to the transport and distribution of energy, data and material.

Tesmec people are **pioneers** since the origins, and their proud R&D spread the name towards huge and new challenges.

Our goal is to create a **high performance environment**, which supports the implementation of our business strategy.

All this will be possible with the collaboration of our people - employees, customers, and partners - all over the world.

+60 years of experience

 $+600_{people}$

investment avg. of total revenues

Customers from Countries worldwide choose Tesmec

90%



Tesmec Group **headquarters** are located in Grassobbio, in the vicinity of the Northern Italian town of Bergamo.

Tesmec has also other five production plants: three in Italy, in Endine Gaiano (Bergamo), Sirone (Lecco), Monopoli (Bari), one in the USA, in Alvarado (Texas) and onr in France, in Durtal.

Tesmec pursues a "Glocal" growth strategy: we are global, but at the same time we have a local presence in the most strategic areas of the world, in order to meet the market's needs in the best way.



Production
Plants
(4 in Italy,
1 in USA,
1 in France)

Joint
Ventures
(ConduxTesmec,
Tesmec Peninsula)

Subsidiaries in the World

Associated companies (Bertel, Locavert)



























The **development** of better or more effective technologies, processes and products is a priority for everyone in Tesmec.

The development process for Tesmec product innovation - from the first idea in the job site - requires investments and engages the effort of several departments.

This is a **global process** that involves all Tesmec experts by establishing **partnerships** with leading suppliers and collaborations with the academic world, to take customer's hands and drive him across new challenges.

PRODUCTS SUPPLIER

Equipment, machines, tools and technical services

INFRASTRUCTURE CONSTRUCTION

Sector sensitive to economic cycles and dependent on investment plans

COLLABORATION

WITH ACADEMIC WORLD AND RESEARCH INSTITUTIONS

VALUE ADDED SOLUTIONS PROVIDER

Intelligence, specialists' competences, expertise, technologies

INFRASTRUCTURE MANAGEMENT & MAINTENANCE

Sectors not dependent on economic cycles, but recurrent











Milano

Pisa

Beijing

We focus on **strategic markets** for the growth and modernization of every country.

Solutions partner for your world

Tesmec designs, manufactures and sells products, technologies and integrated solutions for the construction, maintenance and efficiency of infrastructures related to the transport and distribution of energy, data and material, such as: overhead and underground networks, traditional and high speed railway lines, energy cables and pipelines. In addition to traditional businesses, Tesmec is increasing its market presence offering solutions for Power Grid's efficiency & management.





ENERGY









ENERGY

POWER LINES CONSTRUCTION & MAINTENANCE



UNDERGROUND CABLES LAYING



GRID MANAGEMENT & AUTOMATION DEVICES







MAIN **PROJECTS**



Huge crossing of Lena river Two bundled conductors 220 kV Extreme working conditions: -50°C (-58F)



Reconductoring **USA**

NHPL Texas jobsite Live line reconductoring operations (with a by-pass phase) CTC ACCC conductor



Line construction SAUDI ARABIA

Yanbu-Madinah 380 kV line Longest project portion: 230 km 4-500mm2 AAAC conductors per phase



Top efficiency BRAZIL

500 kV line, 6 T&D lines 5000 km long 70 sets of stringing equipment Value of the contract: ca. 36 mln €



Tower Erection INDIA

Technical advice and training activity for tower erection works



In altitude **PERU**

500 kV line at 1000 mt a.s.l., 900 km long

2 modular machines for stringing 4 bundled conductors per phase



Big crossing CHINA

Ningbo-Zhoushan 500kV line sea crossing | length: 2.09km | span: 1897m | clearance: 90 m conductor D=39mm | force 120kN



Fjord crossing **NORWAY**

Special machines for fjord crossing and modular machines Voltage: 420 kV



Smart Sensors ITALY

Innovative TA/TV installed in medium voltage switchboard fitting for existing plants and connectable to the incoming cables.



Fault passage indicators **BRAZIL**

Fault detectors for MV lines Application on the national grid with monitoring purpose, both in substations and on poles



SMT RUSSIA

Smart Metering Tool (SMT) for the measurement of energy and all related electric data on Medium Voltage network







RAILWAY

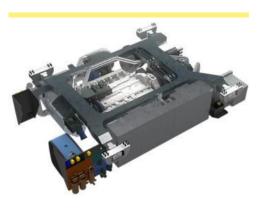
CATENARY INSTALLATION



MAINTENANCE



POWERING & REPOWERING







MAIN **PROJECTS**



Constant Tension Stringing Unit for a very fast rail wire installation Tesmec Equipment: OCPC501, CTSU204





TSNC700 is a maintenance unit operative at low temperatures (-40°C; -40°F), and can be equipped with snowblowers.



Huge, top performing unit **USA**

Special-purpose equipment for stringing and recovering wires. Tesmec Equipment: CTSC301, OWSC600



Extreme temperature RUSSIA

Constant Tension Stringing Unit Tesmec Equipment: CTSU300, CFT601





TGV high speed railway Max speed line: 515.3 km/h Tesmec Equipment: FR412



High speed CHINA

1.318km BEIJING-SHANGHAI High Speed Dedicated Line. Max Speed line:380km/h (228mph) Made with 5 sets CFB546





Multipurpose machines (APV), vehicles for standard and High speed lines over the whole national grid Tesmec Equipment: OCPC400





505 km Zhengzhou-Xi'an Passenger Dedicated Line. Max Speed line:350km/h (228mph) Made with 5 sets CFB536





UNDERGROUND

PIPELINES, TELECOM, DRAINAGE



BULK EXCAVATION, SURFACE MINING



SPECIALIST DIGGING SERVICE







MAIN PROJECTS



Granulated quarry of limestone (60 -100MPa) unfractured Models: 2 x 1150 RH, 1 x 1475 RH



Permafrost cutting CANADA

675 miles natural gas pipeline depth: 7' (215 cm) width: 32" (80 cm) Models: 1075 BW



Permafrost pipeline RUSSIA

Extreme temperature (-20°/-40°) and very abrhasive soil depth: 8'(240cm) width:3'3"(100cm) Models: 1075 BW



Hard rock trenching USA

Granite, quarz and massive micaschist trenching Attachment: 6'x36" Models: M5



Al-Ula water pipeline SAUDI ARABIA

Sandstone – limestone (50 MPa) depth: 10' (305 cm) width: 72" (183 cm) Models: 1675 CS



Agricultural drainage USA

Fully automatic guidance system depth: 6'6" (198 cm) width: 30" (76 cm) Models: 775 DT CS



9 Riyadh Metro station SAUDI ARABIA

Limestone (50-90 MPa) Bulk excavation dimensions: 328'x52'x59' (100x16x18 m) Models: 1475 RH



4 Gas Pipeline MEXICO

382 km 36" gas pipeline Soft soil to hard rock 2 mt depth avg. Models: 2 x 1475 CS, 2 X 1575 BW



10 Fiber Optic network INDIA

Fiber optic for 4G network installation depth: 1'11" (60 cm) width: 2" (5 cm) Models: 10 x 300 RS



5 Desert Pipeline CHILE

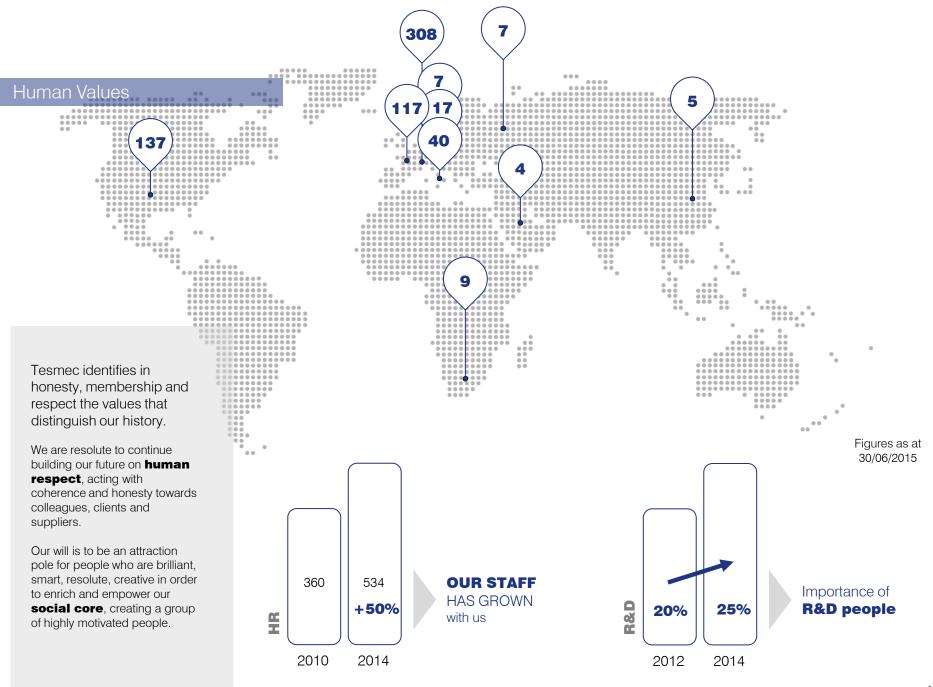
Double parallel water pipeline Rock conditions: caliche (<40 MPa). Depth: 10' (305 cm) width: 60" (150 cm) Models: 3 x 1675 CS



Multi-product pipeline SOUTH AFRICA

Integrated services supply depth:6,2'-7,8' (190-240 cm) width:36"(92 cm) length:233 miles (375 km) Models: 4 x 1475 CS







Main business highlights



ENERGY

- POSITIVE IMPACT OF EUROPE AND SOUTH AMERICA
- AUTOMATION SEGMENT: GOOD TREND OF 1Q CONFIRMED ALSO IN 2Q
 - END OF DEVELOPMENT PHASE FOR THE INNOVATIVE DEVICE FOR SMART GRIDS (PILOT PHASE TO START)
 - PROJECTS ACTIVITIES POSTPONED IN KEY MARKETS (NORTH AMERICA, INDIA, RUSSIA)







Execution of Brazil order





Execution of big order of stringing equipment for overhead power lines construction in Brazil in timing with the tough project schedule.















First orders and revenues in the new **Energy Automation** business.

Tesmec RGDAT in South America

- Application: monitoring and protection of medium voltage power lines
- Supply: RGDAT Directional Fault Detector and Off Voltage Indicator device
- Location: ENEL Power Grids in South America









Main business highlights



RAILWAY

- INNOVATIVE RAILCAR EQUIPPED WITH SAFETY AND TECHNICAL DEVICES APPROVED BY THE ITALIAN RAILWAY AUTHORITY
- NEW CONTRACT AWARDED WITH EUROPEAN RAILWAY CORPORATION
 - RAILCARS FOR THE US MARKET SUCCESSFULLY COMPLETED FACTORY TESTING PHASE AND GOING TO START DYNAMIC TESTS
 - COMMERCIAL PIPELINE WITH IMPORTANT SALES OPPORTUNITIES







Main business highlights



TRENCHERS

IN THE BACKGROUND OF OIL&GAS AND COMMODITIES LOW PRICES, FOCUS ON DIFFERENT MARKET SEGMENTS:

- **TELECOM**: NEW PROJECTS FOR ENERGY CABLES AND FIBER OPTIC INSTALLATION ESPECIALLY IN EUROPE AND WEST AFRICA, THANKS TO THE ACQUISITION OF THE FRENCH COMPANY MARAIS
- WATER PIPELINES AND AGRICULTURE: ONGOING ACTIVITIES TO ENTRY THE MARKETS
- CIVIL INFRASTRUCTURES: BULK EXCAVATION WORKS IN KSA AND MIDDLE EAST AREA







Ongoing projects for Energy Cables and Fiber Optic installation.

New opportunities in TLC market

- UK: 2x47 km parallel cable routes, PE pipes installation for onshore underground cables connecting offshore wind farm
- Congo: 250 km of fiber optic cable laying between Pointe Noir e Mbinda
- Ivory Coast: 200 km of fiber optic cable laying







CONGO PROJECT



UK PROJECT



TESMEC expertise has been chosen for the main infrastructural projects worldwide.

Chile water pipeline

- Project: two 42" water pipeline
- Supply: TESMEC 1675 Chainsaw
- Location: between Caleta Coloso port and a copper mine in the Atacama Desert of northern Chile, 114 miles (185 km) away and 10,170 feet (3,100 m) above sea level.













TESMEC expertise has been chosen for the main infrastructural projects worldwide.

New Orbital Highway in Qatar

- **Project**: 47km of motorways
- Supply: TESMEC 1475 Rock Hawg
- Location: the new highway will connect the North Relief Road with Salwa Road, it will bypass Doha and relieve current traffic congestion while preparing to accommodate projected road traffic increases.















1H2015 Economic Results

year-on-year statutory figures



Revenues	85,1	54,7	55,6%
EBITDA	14,2	8,9	59,6%
% on Revenues	17%	16%	
EBIT	9,6	5,3	81,1%
% on Revenues	11%	10%	
Profit Before Taxes	8,9	3,1	187,1%
% on Revenues	10%	6%	
NET INCOME	6,5	1,7	282,4%
% on Revenues	8%	3%	·

GROUP (€ mln)	1H2015	2014	Delta %
NFP (IAS17)	90,8	73,4	23,7%
NFP (without IAS17)	72,5	54,5	33,0%



ENERGY	1H2015	1H2014	Delta %
Revenues	45,9	22,3	105,8%
EBITDA	8,2	3,9	110,3%
% on Revenues	18%	17%	



TRENCHERS	1H2015	1H2014	Delta %
Revenues	38,6	25,9	49,0%
EBITDA	6,2	3,4	82,4%
% on Revenues	16%	13%	



RAILWAY	1H2015	1H2014	Delta %
Revenues	0,6	6,5	-90,4%
EBITDA	-0,2	1,6	-112,5%
% on Revenues	-32%	25%	



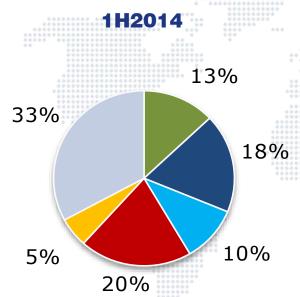
GROUP (€ mln)	statutory 1H2015	Marais recurring	Marais non- recurring	organic 1H2015	1H2014	organic * Δ%
Revenues	85,1	5,6	1	79,5	54,7	45,3%
EBITDA % on Revenues	14,2 17%	0,3 5%	2,1	11,8 15%	8,9 16%	33,1%
EBIT % on Revenues	9,6 11%	-0,3 -5%	2,1	7,8 10%	5,3 10%	46,4%
NET INCOME % on Revenues	6,5 8%	-0,04 -1%	2,3	4,24 5%	1,7 3%	149,1%
GROUP (€ mln)	statutory 1H2015	Marais recurring	Marais non- recurring	organic 1H2015	2014	organic * Δ%
NFP	90,8	8,6	5,0	77,2	73,4	5,2%

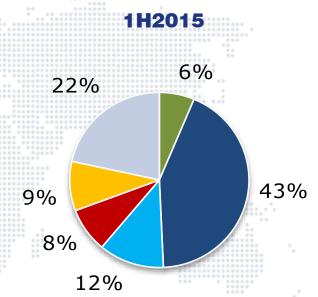
^{*} organic = at constant scope



INTERNATIONAL SCALE AND EXPOSURE TO GROWING ECONOMIES







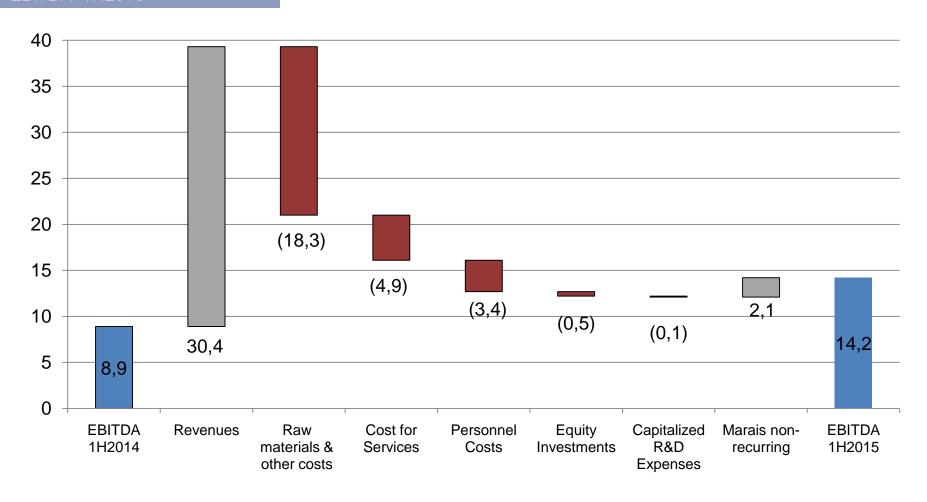
Operating Companies

TESMEC S.P.A.

Equity Method Fully Consolidated Equity Method TESMEC USA (67%)* **TESMEC RUS** (100%)**TESMEC SA** (100%)**TESMEC PENINSULA BERTEL** (40%)(49%)**TESMEC SERVICE** (100%)**LOCAVERT CONDUX TESMEC TESMEC BALKANI** (38,63%)(100%)(50%) SGE S.r.I. (100%)**TESMEC NEW TECHNOLOGY** (Beijing) (100%) **EAST TRENCHERS** (91,2%)**MARAIS TECHNOLOGIES SA** (100%)**Effect on EBITDA and Pre-Tax Profit Effect on Pre-Tax Profit**

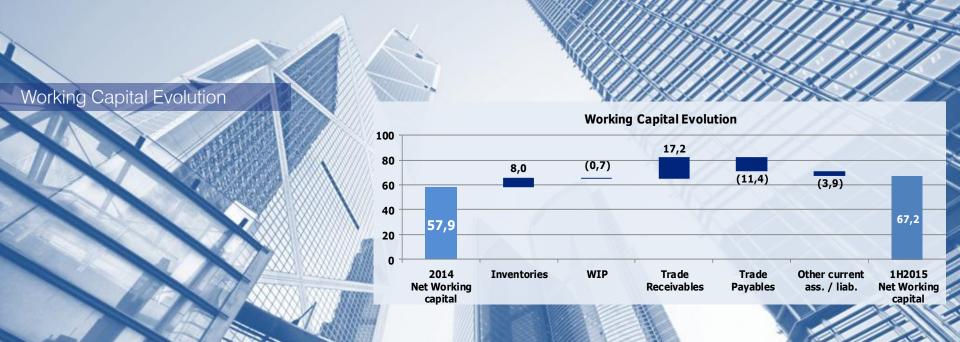
^{*}The remaining 33% is held by Simest S.p.A. Since Tesmec has an obligation to buy it back from Simest S.p.A., from an accounting point of view the participation is consolidated on a 100% basis.

EBITDA 1H2015



EBITDA boosted by Stringing Equipment volumes and Marais acquisition

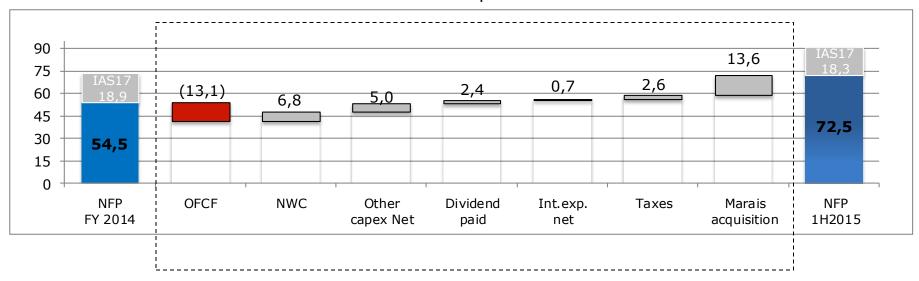
1H2015



Euro Mln	statutory 1H2015	Marais recurring	Marais non- recurring	organic 1H2015	2014	Days 1H2015	Days 1H2014
Trade Receivables	58,5	7,3	/	51,2	41,3	83	128
Inventories	63,4	3,2	/	60,2	55,4	126	193
Work in progress contracts	4,5	/	/	4,5	5,2		
Trade Payables	(45,6)	(2,0)	(0,5)	(43,1)	(34,2)	64	98
Other Current Assets/(Liabilities)	(13,6)	(6,1)	/	(7,5)	(9,8)	25	38
Net Working Capital	67,2	2,4	(0,5)	65,3	57,9		

Net Financial Position Evolution

Operating Net Financial Position <u>without figurative debt</u> for Grassobbio premises



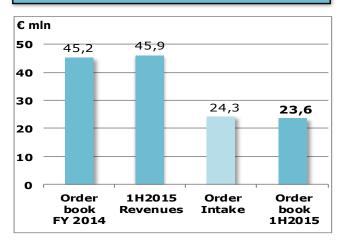
NFP increase has been mainly influenced by the acquisition of Marais Group and net working capital

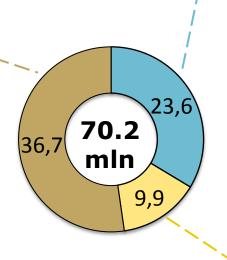
1H2015

Order Book 1H2015

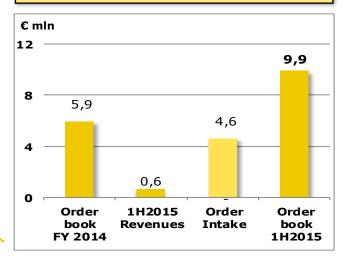
TRENCHERS € mIn 48,3 38,6 36,7 40 27,0 30 20 10 0 Order book Order book 1H2015 Order 1H2015 FY2014 Revenues Intake







RAILWAY



Outlook 2015 7.09 6.23 6.36 Revenues

REVENUES: good performance also in the second half of 2015 enhanced by:

ENERGY: confirmation of the growth in the Automation segment. Stringing keep on growing but at a slower pace compared to the first half of the year

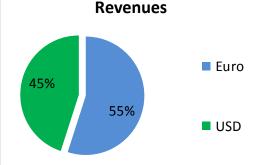
TRENCHERS: growth especially in:

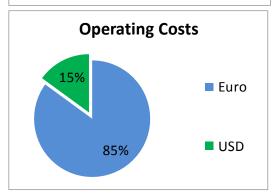
- telecom: Marais boost, opportunities in Europe, West Africa and Australia
- civil works: medium term full service contracts in Middle East area
- water pipeline and agriculture: South and North America

RAILWAY: awards expected in second half of the year

MARGINS: improve profitability of Railway and Trencher business also thanks to the integration of Marais business and volumes increase

NFP and WORKING CAPITAL: ongoing actions to reduce the financial debt and the working capital, especially in Trencher division





Summary 1H2015 Profit & Loss statement

Profit & Loss Account (€ mln)	1H2015	1H2014	Delta vs 2014	Delta %
Net Revenues	85,1	54,7	30,4	55,6%
Raw materials costs (-)	(44,0)	(25,7)	(18,3)	71%
Cost for services (-)	(13,8)	(8,9)	(4,9)	55%
Personnel Costs (-)	(16,1)	(12,8)	(3,3)	26%
Other operating revenues/costs (+/-)	0,6	(1,4)	2,0	-143%
Portion of gain/(losses) from equity investments evaluated using the equity method	(0,1)	0,4	(0,5)	-118%
Capitalized R&D expenses	2,4	2,6	(0,2)	-8%
Total operating costs	(71,0)	(45,8)	(25,2)	55,0%
% on Net Revenues	(83%)	(84%)		
EBITDA	14,2	8,9	5,3	59,6%
% on Net Revenues	17%	16%		
Depreciation, amortization (-)	(4,6)	(3,6)	(1,0)	28%
EBIT	9,6	5,3	4,3	81,1%
% on Net Revenues	11%	10%		
Net Financial Income/Expenses (+/-)	(0,7)	(2,2)	1,5	-68%
Taxes (-)	(2,4)	(1,3)	(1,1)	85%
Minorities	-	-	-	-
Net Income (Loss)	6,5	1,8	4,7	282,4%
% on Net Revenues	8%	3%		

Summary 1H2015 Balance Sheet

Balance Sheet (€ mln)	1H2015	2014
Inventory	63,4	55,4
Work in progress contracts	4,6	5,2
Accounts receivable	58,5	41,3
Accounts payable (-)	(45,6)	(34,2)
Op. working capital	80,9	67,7
Other current assets (liabilities)	(13,7)	(9,8)
Net working capital	67,2	57,9
Tangible assets	62,3	48,1
Intangible assets	13,3	12,4
Financial assets	5,0	4,8
Fixed assets	80,6	65,3
Net long term liabilities	(2,1)	(1,7)
Net invested capital	145,7	121,5
Cash & near cash items (-)	(15,9)	(18,7)
Short term financial assets (-)	(7,5)	(6,8)
Short term borrowing	48,3	36,6
Medium-long term borrowing	65,9	62,3
Net financial position	90,8	73,4
Equity	54,9	48,1
Funds	145,7	121,5

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