

Prysmian Group Company Presentation

January 2017

PLATFORM TO ENHANCE CUSTOMER SERVICE LINKING THE FUTURE STRONGE LEADING TECHNOLOGY LEADING TECHNOLOGY WORLDWIDE LEADER IN RENEWABLE ENERGE EXTENDED PRODUCT OFFERING IN OGP AND IN





Agenda

- > Group overview
- Results by business
- > Outlook

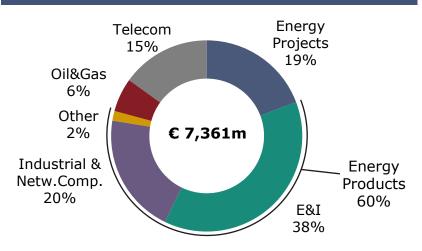
> Financial Results

> Appendix

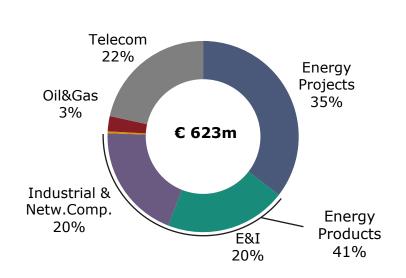
Prysmian group at a glance

FY 2015 Financial Results

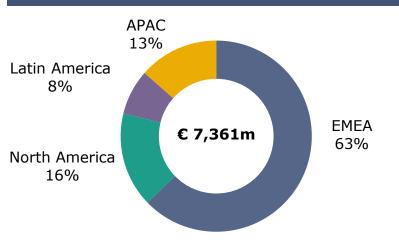




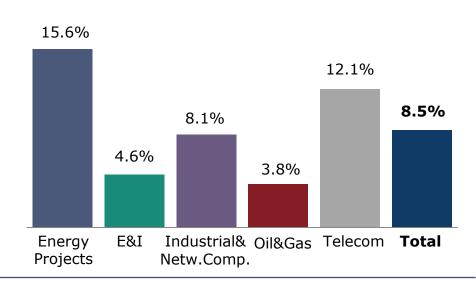
Adj. EBITDA by business



Sales breakdown by geography

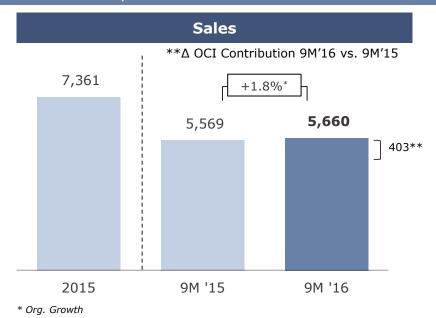


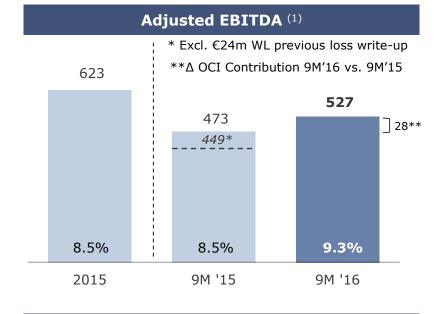
Adj. EBITDA margin



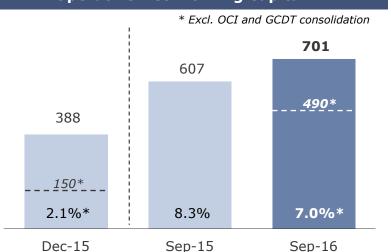
9M 2016 Key Financials

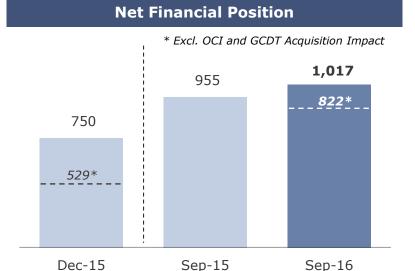
Euro Millions, % on Sales







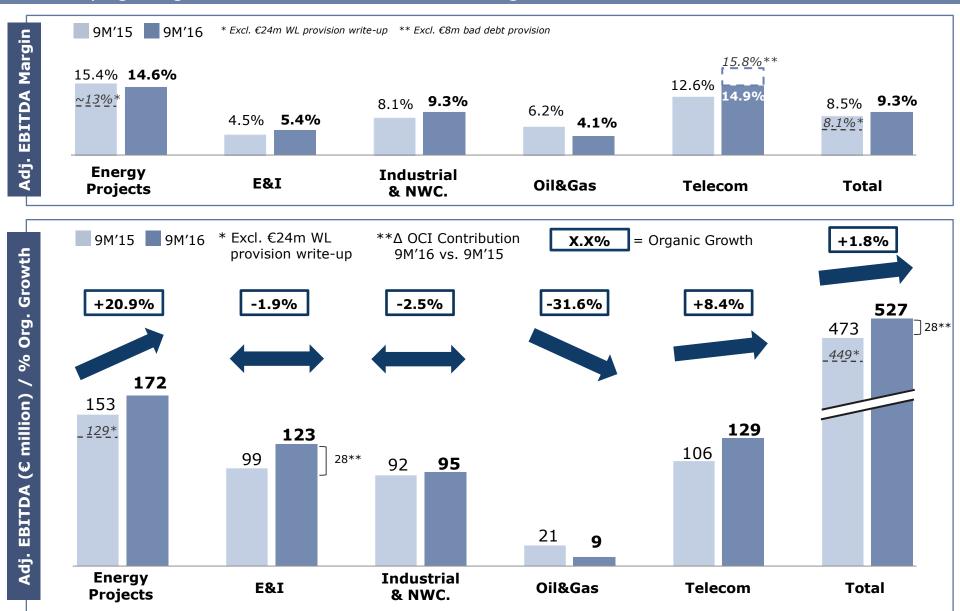




(1) Adjusted excluding non-recurring income/expenses, restructuring costs and other non-operating income (expenses); (2) Defined as NWC excluding derivatives; % on sales is defined as Operative NWC on annualized last quarter sales;

Continued profitability improvement

Underlying margin increase in all business excluding Oil&Gas



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Results by business

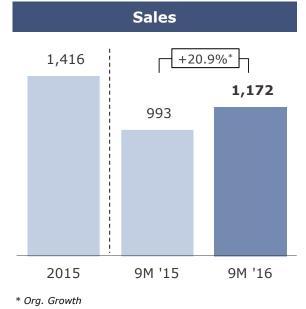
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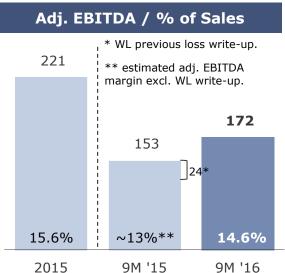
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Energy Projects

Euro Millions, % on Sales





Highlights

Submarine

- Strong revenue growth driven by solid execution and favourable project phasing in the first 9M.
- Recent investments in execution capabilities and installation assets start paying-off, as shown by the sharp increase in underlying Adj.EBITDA margin vs. last year (excl. €24m WL previous loss write-up).
- Expected pick-up of offshore wind farm projects activity in Europe. Stable outlook in Interconnection market. Market fundamentals remain solid.

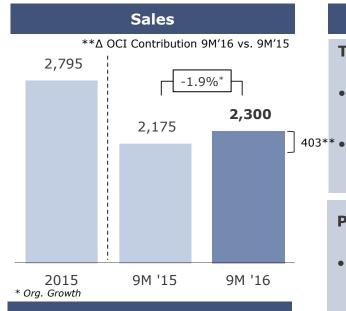
Underground High Voltage

- Sound performance mainly driven by execution of France-Italy HVDC project and positive results in North America and APAC.
- Positive market outlook in the Middle-East, APAC and Central Europe in the medium-term.

Orders Backlog Evolution (Em)					
	Dec '13	Dec '14	Dec '15	Jun '16	Sep '16
Underground HV	~450	~450	~600	~500	~400
Submarine	~2,050	~2,350	~2,600	~2,450	~2,200
Group	~2,500	~2,800	~3,200	~2,950	~2,600

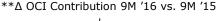
Energy & Infrastructure

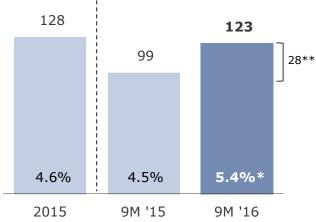
Euro Millions, % on Sales



Adj. EBITDA / % of Sales

* +0.4% Δ OCI Contrib. 9M '16 vs. 9M '15 on margin





Highlights

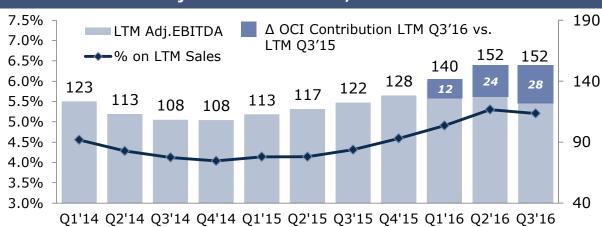
Trade & Installers

- Negative organic trend with an improving Adj. EBITDA margin thanks to OCI consolidation, better mix and footprint optimization.
- Organic decline in South America, APAC and Central & Southern Europe partially offset by positive Nordics.

Power Distribution

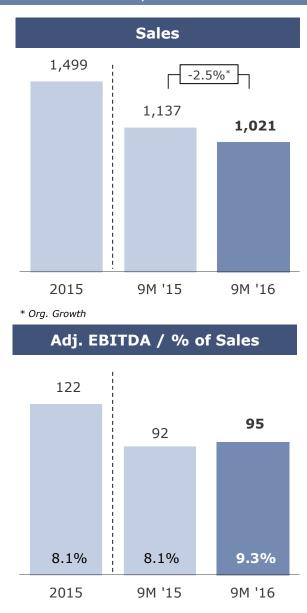
- Positive trend, softening in Q3 in line with expectations, with a general improvement in profitability in the first 9M.
- Growth in the Nordics, Netherlands and APAC, offset by the expected slowdown in Germany.

LTM Adj. EBITDA Evolution / % on LTM Sales



Industrial & Network Components

Euro Millions, % on Sales



Highlights

Specialties & OEMs

- Negative organic sales in the first 9M driven by soft start in Renewables (mainly in China) and market slowdown in Nuclear, Crane and Mining, partially offset by solid performance in Defense and Marine applications.
- South America underperformance continue as political election in Argentina and macro slowdown in Brazil impact the business.

Elevator

 Positive performance driven by the market share expansion in new product segments and services in North America. Softening trend in APAC in Q3.

Automotive

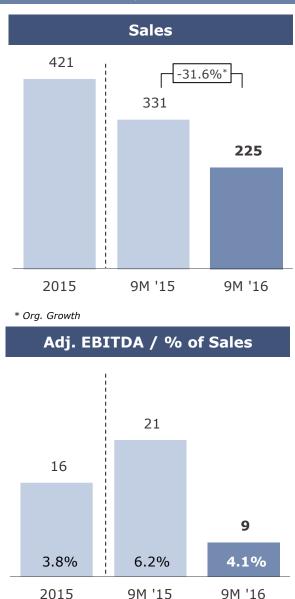
• Recovery in volumes and profitability thanks to positive market trend in APAC and manufacturing set-up in Central-Eastern Europe.

Network Components

 Growth in HV and EHV accessories sales partially offset by soft market conditions of MV business in Europe.

Oil & Gas

Euro Millions, % on Sales



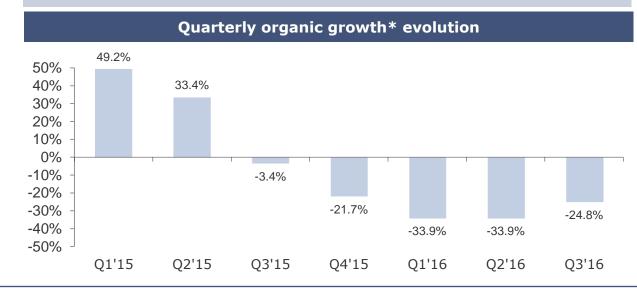
Highlights

SURF

- <u>Umbilical</u>: Volumes and profitability evolution in line with expectations, reflecting the updated (new contractual terms) framework agreement in Brazil.
- <u>DHT:</u> Results in line with 9M 2015 benefitting from the full impact of GCDT. Continue pressure coming from customers' inventory reduction.

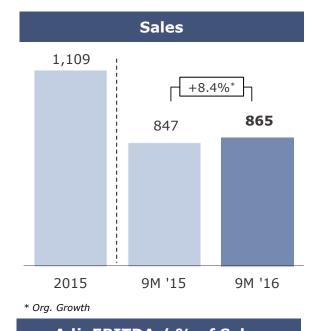
Core Oil&Gas Cables

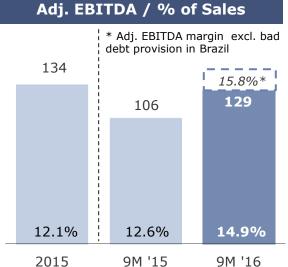
- Decline in volumes and prices reflects negative projects phasing in Onshore and Offshore segment. Market environment remains challenging.
- Focus on restructuring and footprint optimization, continue to leverage on Asian supply chain.



Telecom

Euro Millions, % on Sales





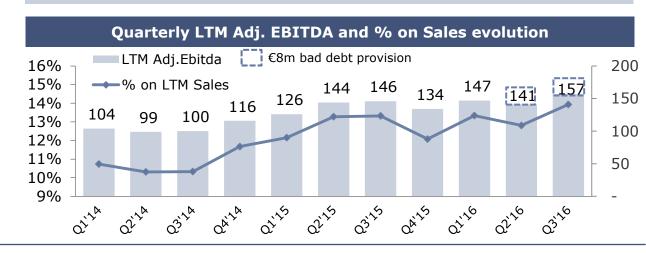
Highlights

Telecom Solutions

- Growth in optical cables and fiber businesses, with a continued solid trend in Australia, US and France.
- Sharp margin expansion (also considering the €8mln bad-debt provision) fuelled by fiber manufacturing efficiency improvement and footprint optimization.
- Excellent performance in copper telecom cables driven by solid market demand in APAC.

MMS

Profitable growth in Europe supported by production capacity extension in copper business and footprint optimization.



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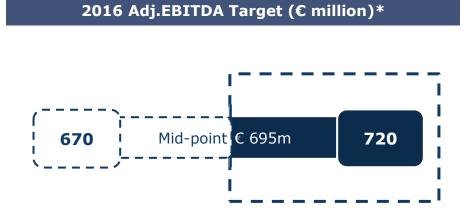
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FY 2016 Outlook

Margin improvement mainly driven by Energy Projects and Telecom. Negative FX.

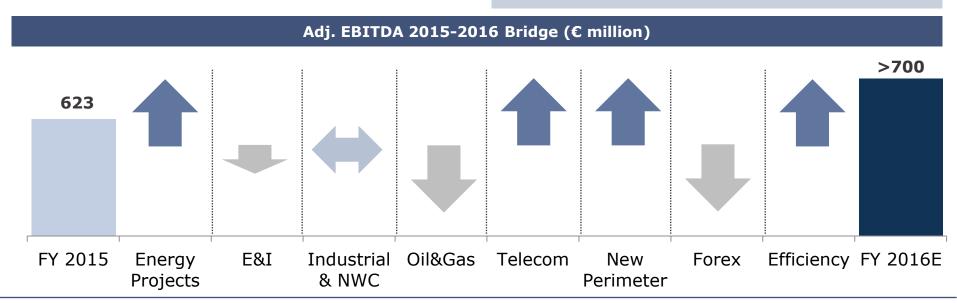


^{*} Includes management expectations on OCI incremental contribution to FY 2016 adjusted EBITDA. Assuming current consolidation perimeter of Prysmian Group.

2016 Adj.EBITDA Target Assumptions (€ million)

Above mid-point target assumptions:

- Solid execution in Energy Projects
- Strong market trend in Telecom
- Energy Products businesses broadly stable.
- Negative trend in Oil&Gas.
- Adverse Forex impact.



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Profit and Loss Statement

Euro Millions

	9M 2016	9M 2015	Δ OCI contrib. 9M `16 vs. 9M '15
Sales YoY total growth YoY organic growth	5,660 1.6% 1.8%	5,569	403
Adj.EBITDA % on sales	527 9.3%	473 8.5%	28
Adjustments	(39)	(28)	(5)
EBITDA % on sales	488 8.6%	445 8.0%	23
Adj.EBIT % on sales	398 <i>7.0%</i>	364 6.5%	8
Adjustments Special items	(39) (26)	(28) (52)	(5)
EBIT % on sales	333 5.9%	284 5.1%	3
Financial charges	(58)	(77)	(1)
EBT % on sales	275 4.9%	207 3.7%	2
Taxes % on EBT	(77) (28.0%)	(68) (32.9%)	(1)
Net Income % on sales	198 3.5%	139 2.5%	1
Minorities	10	(2)	6
Group Net Income % on sales	188 3.3%	141 2.5%	(5)

Adjustments and Special Items on EBIT Euro Millions

	9M 2016	9M 2015
Non-recurring Items (Antitrust Investigation)	-	21
Restructuring Other Non-operating Income / (Expenses)	(27) (12)	(32) (17)
EBITDA adjustments	(39)	(28)
Special items Gain/(loss) on metal derivatives Assets impairment Other	(26) 24 (15) (35)	(52) (29) (7) (16)
EBIT adjustments	(65)	(80)

Financial ChargesEuro Millions

	9M 2016	9M 2015
Net interest expenses of which non-cash conv.bond interest exp.	(44) (6)	(59) (6)
Bank fees amortization Gain/(loss) on exchange rates	(2)	(3) (30)
Gain/(loss) on derivatives ¹⁾ Non recurring effects	(11) (2)	19 (3)
Other	1	(1)
Net financial charges	(58)	(77)

Statement of financial position (Balance Sheet) Euro Millions

	30 Sep 2016	New Perimeter Acquired	30 Sep 2015	31 Dec 2015*
Net fixed assets	2,578	350	2,224	2,581
of which: goodwill	442	67	381	452
of which: intangible assets	339	192	164	371
of which: property, plants & equipment	1,580	91	1,418	1,552
Net working capital	693	212	571	347
of which: derivatives assets/(liabilities)	(8)	1	(36)	(41)
of which: Operative Net working capital	701	211	607	388
Provisions & deferred taxes	(303)	(41)	(279)	(330)
Net Capital Employed	2,968	521	2,516	2,598
Employee provisions	393	4	357	341
Shareholders' equity	1,558	-	1,204	1,507
of which: attributable to minority interest	223	190	32	229
Net financial position	1,017	55	955	750
Total Financing and Equity	2,968	59	2,516	2,598

Cash Flow Euro Millions

	9M 2016	9M 2015
Adj.EBITDA Adjustments EBITDA	527 (39) 488	473 (28) 445
Net Change in provisions & others Share of income from investments in op.activities Cash Flow from operations (bef. WC changes)	(12) (24) 452	(41) (27) 377
Working Capital changes Dividends received Paid Income Taxes Cash flow from operations	(342) 7 (53) 64	(198) 15 (39) 155
Acquisitions Net Operative CAPEX Free Cash Flow (unlevered)	- (152) (88)	(117) 38
Financial charges Free Cash Flow (levered)	(57) (145)	(88) (50)
Free Cash Flow (levered) excl. acquisitions	(145)	(50)
Dividends Treasury shares buy-back & other equity movements Net Cash Flow	(101) - (246)	(91) 3 (138)
THE CUST FIOW	(240)	(150)
NFP beginning of the period	(750)	(802)
Net cash flow Other variations	(246) (21)	(138) (15)
NFP end of the period	(1,017)	(955)

LTM Q3 2016 Free Cash Flow (levered) excl. acquisitions

302

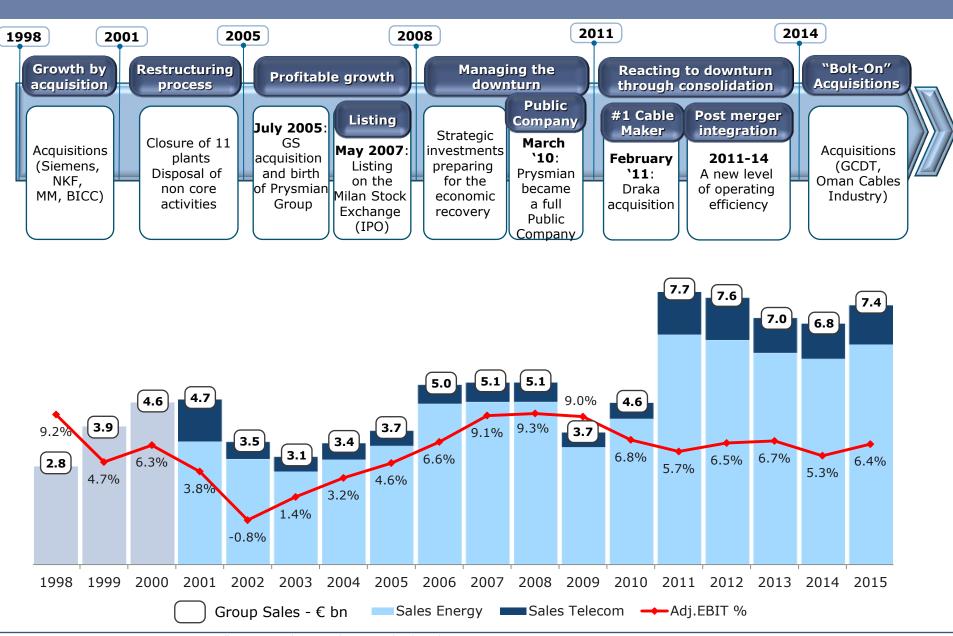
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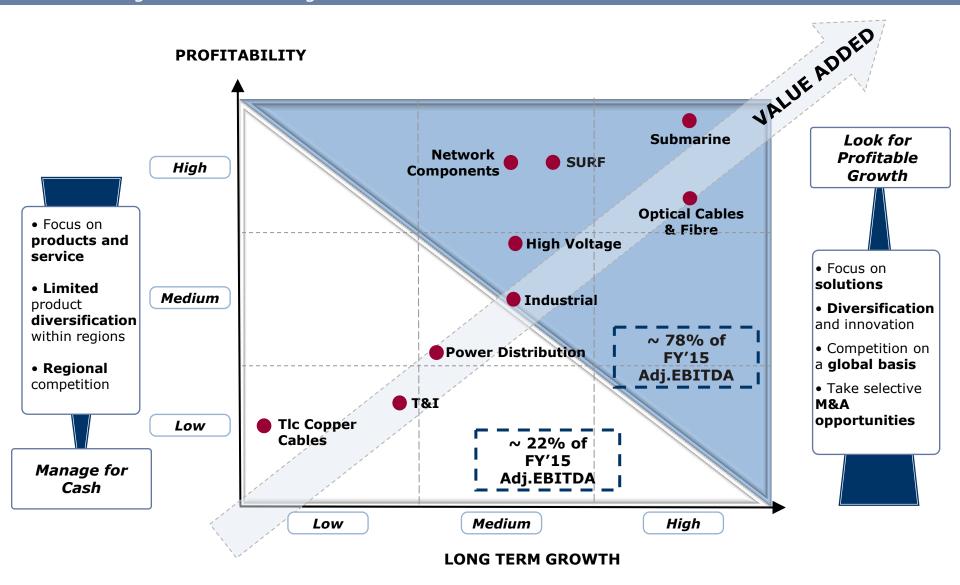
Key milestones





Prysmian Group business portfolio

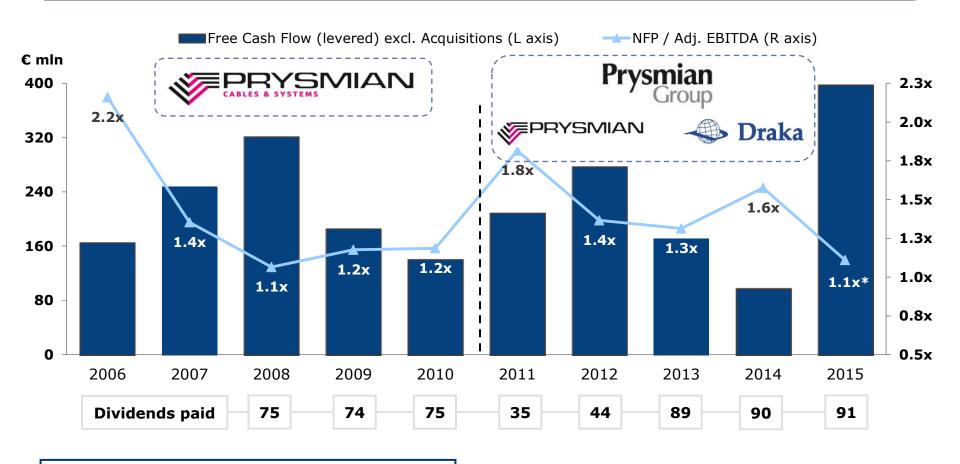
Focus on high value added segments



Cash Flow generation as key priority to create value for shareholders

Growing capabilities to invest organically/acquisitions and remunerate shareholders

Cash Flow generation



Approx. € 220m average free cash flow per year generated in 2006-15

Almost €580m distributed to shareholders since IPO

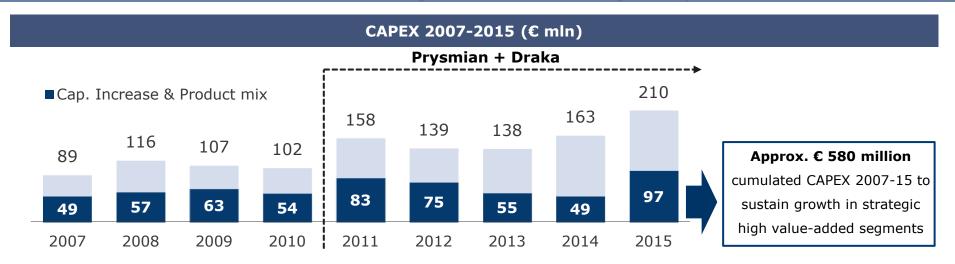
Note: 2011 combined; 2012-13 restated in application of IFRS 10-11 and reclassification of share of net income

*Calculated as NFP reported as of 31 December 2015 divided by Pro-Forma FY2015 EBITDA including OCI and GCDT full contributions.

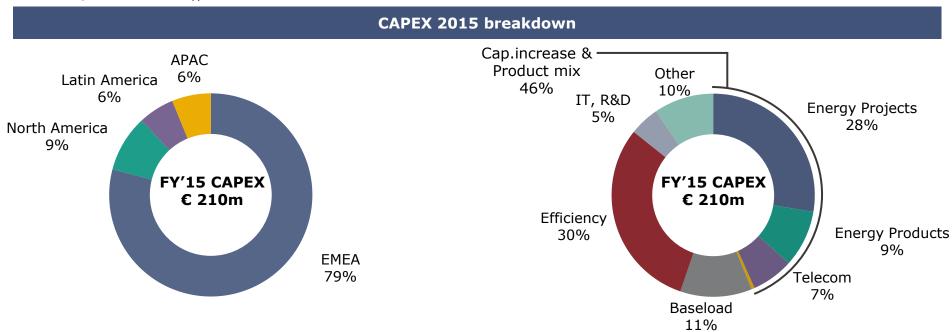


Disciplined Capex to grow in high margin business and out of Europe

Investments focused on business with long term drivers and high entry barriers



2011 Combined; 2012-13 restated in application of IFRS 10-11 and reclassification of share of net income





Metal Price Impact on Profitability

Supply **Metal Influence on Cable Price Main Application Metal Fluctuation Management** Contract **Impact Impact** Technology and design **Pricing locked-in** at order intake Projects (Energy content are the main Profitability protection through transmission) **Predetermined** elements of the "solution" systematic hedging (long order- Cables for delivery date to-delivery cycle) industrial offered Pricing little affected by applications (eq. OGP) metals Price adjusted through Pricing defined as **hollow**, Cables for energy **formulas** linked to metal publicly thus mechanical price utilities (e.g. available quotation (average last Frame adjustment through power distribution month, ...) contracts formulas linked to metal Profitability protection through cables) publicly available quotation systematic hedging (short order-to-delivery cycle) Pricing managed through price lists, thus leading to some delay Standard products, high Cables for • Competitive pressure may construction and copper content, limited Spot orders impact on delay of price civil engineering value added adjustment Hedging based on forecasted volumes rather than orders High Low Metal price fluctuations are normally passed through to customers under supply contracts Hedging strategy is performed in order to systematically minimize profitability risks

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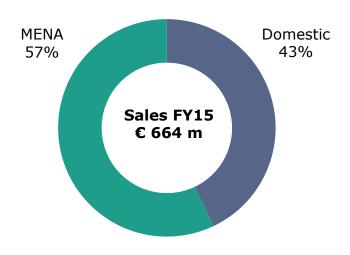
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Focus on Oman Cables Industry Acquisition

A perfect example of "Bolt-on" acquisition.

2015 Sales Breakdown (€ million (1))



(1) 2015 average EUROMR spot FX rate 0.4268

Strategic Position



Structure of the Deal

STRUCTURE OF THE DEAL

- Acquisition of approx. 16% stake in listed company OCI
- Total cash consideration € 105 million
- OCI Balance Sheet consolidated at 31 Dec 2015;
 P&L consolidated as of 1st Jan 2016.

STRATEGIC RATIONALE

- Geographic diversification toward middle-east region.
- No import duties in GCC market.
- · Low integration risk. Solid track record.

Product Range



- Building Wire and Cable
- LV and MV power cables (up to 33kV)
- Control cables for industrial applications



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Profit and Loss Statement

Euro Millions

	9M 2016	9M 2015	Δ OCI contrib. 9M`16 vs. 9M'15	Full OCI 9M'16 Results
Sales	5,660	5,569	403	403
YoY total growth YoY organic growth	1.6% 1.8%			
Adj.EBITDA	527	473	28	39
% on sales	9.3%	8.5%	<u>-</u>	9.7%
of which share of net income	24	27		0
Adjustments	(39)	(28)	(5)	(5)
EBITDA	488	445	23	34
% on sales	8.6%	8.0%		8.4%
Adj.EBIT	398	364	8	19
% on sales	7.0%	6.5%		4.8%
Adjustments	(39)	(28)	(5)	(5)
Special items	(26)	(52)	<u> </u>	
EBIT	333	284	3	14
% on sales	5.9%	5.1%		3.5%
Financial charges	(58)	(77)	(1)	(1)
EBT	275	207	2	13
% on sales	4.9%	3.7%		3.2%
Taxes	(77)	(68)	(1)	(1)
% on EBT	(28.0%)	(32.9%)		(10.8%)
Net Income	198	139	1	12
% on sales	3.5%	2.5%		3.0%
Minorities	10	(2)	6	6
Group Net Income	188	141	(5)	6
% on sales	3.3%	2.5%		1.5%

Energy Projects Segment – Profit and Loss Statement Euro Millions

	9M 2016	9M 2015
Sales to Third Parties	1,172	993
YoY total growth	18.0%	
YoY organic growth	20.9%	
Adj. EBITDA	172	153
% on sales	14.6%	15.4%
Adj. EBIT	146	131
% on sales	12.4%	13.1%

Energy Products Segment – Profit and Loss Statement Euro Millions

		9M 2016	9M 2015	Δ OCI Contribution 9M '16 vs. 9M '15
	E&I	2,300	2,175	403
S	YoY total growth	5.8%	,	
H. Hiệ	YoY organic growth	(1.9%)		
Third Parties	Industrial & Netw. Comp.	1,021	1,137	-
<u>Б</u>	YoY total growth	(10.2%)		
ij	YoY organic growth	(2.5%)		<u> </u>
	Other	77	86	-
to	YoY total growth	(11.0%)		
Sales	YoY organic growth	(3.9%)		
Sal	ENERGY PRODUCTS	3,398	3,398	403
	YoY total growth	(0.0%)		
	YoY organic growth	(2.1%)		_
	E&I	123	99	28
	% on sales	5.4%	4.5%	
EBITDA	Industrial & Netw. Comp.	95	92	-
31	% on sales	9.3%	8.1%	
一直	Other	(1)	2	-
Adj. l	% on sales	(0.8%)	1.8%	
⋖	ENERGY PRODUCTS	217	193	28
	% on sales	6.4%	5.7%	
	E&I	76	72	8
	% on sales	3.3%	3.3%	
EBIT	Industrial & Netw. Comp.	81	75	-
	% on sales	7.9%	6.6%	_
Adj.	Other	(2)	1	-
~~~	% on sales	(2.2%)	0.6%	
	ENERGY PRODUCTS	155	148	8
	% on sales	4.6%	4.4%	_

# Oil&Gas Segment - Profit and Loss Statement Euro Millions

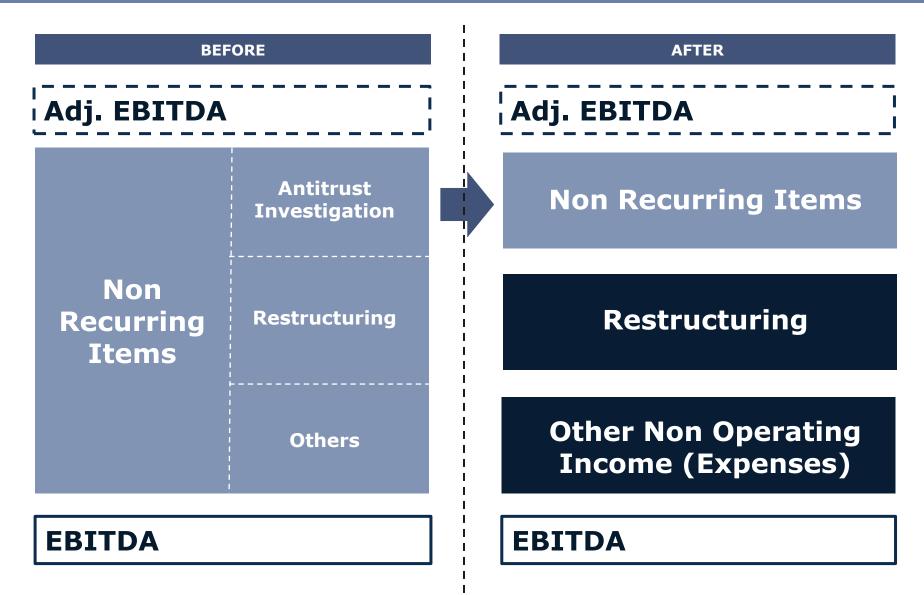
	9M 2016	9M 2015
Sales to Third Parties	225	331
YoY total growth	(31.8%)	
YoY organic growth	(31.6%)	
Adj. EBITDA	9	21
% on sales	4.1%	6.2%
Adj. EBIT	(2)	12
% on sales	(1.0%)	3.7%

# **Telecom Segment – Profit and Loss Statement Euro Millions**

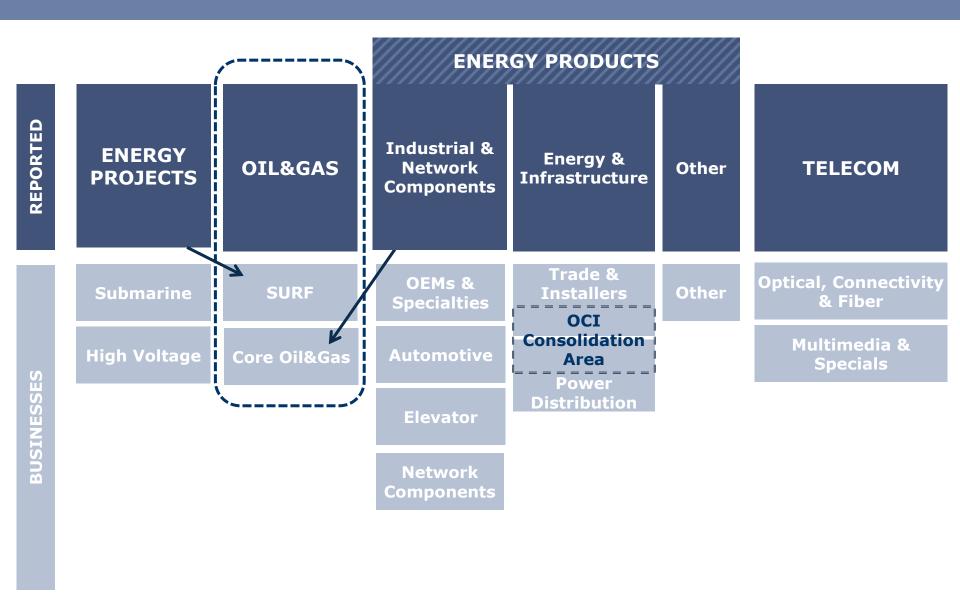
	9M 2016	9M 2015
Sales to Third Parties	865	847
YoY total growth	2.2%	
YoY organic growth	8.4%	
Adj. EBITDA	129	106
% on sales	14.9%	12.6%
Adj. EBIT	99	73
% on sales	11.4%	8.6%

## Non Recurring Items - Change in Representation

Implementing ESMA recommendation.

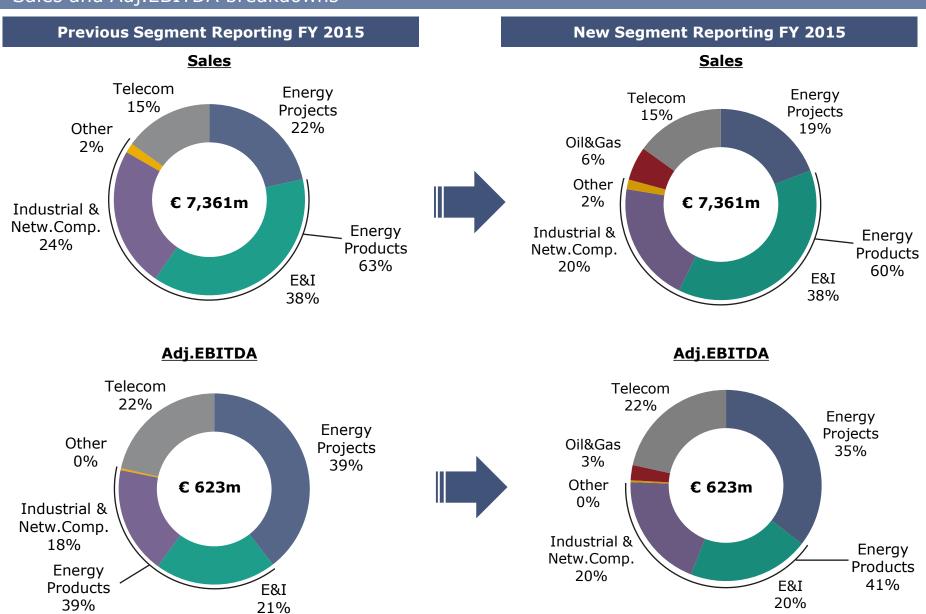


## **New segment reporting**



# New segment reporting

Sales and Adj.EBITDA breakdowns



# New segment reporting: 2014-15 Sales & Org. Growth by quarter Euro Millions

	SALES and ORG. GROWTH										
	FY 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	FY 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	FY 2015
ENERGY PROJECTS	1,248	250	302	300	389	1,241	281	358	355	423	1,416
						1.1%	8.4%	14.7%	15.8%	8.9%	11.9%
E&I	2,747	638	678	699	662	2,677	686	782	707	620	2,795
						2.7%	3.3%	7.1%	1.6%	-0.2%	3.0%
INDUSTRIAL & NETW.C.	1,507	349	370	350	371	1,440	352	400	385	362	1,499
						-0.6%	-5.8%	-0.6%	4.6%	-1.2%	-0.8%
OTHER	114	23	23	26	34	106	25	30	31	35	121
						-4.8%	1.8%	26.5%	17.6%	4.4%	11.8%
ENERGY PRODUCTS	4,368	1,010	1,072	1,074	1,067	4,223	1,063	1,212	1,123	1,017	4,415
						1.4%	0.2%	4.8%	3.0%	-0.4%	1.9%
OIL&GAS	393	83	83	95	121	382	130	115	86	90	421
						3.0%	49.2%	33.4%	-3.4%	-21.7%	10.0%
TELECOM	986	236	252	257	249	994	279	299	269	262	1,109
						4.0%	13.1%	13.1%	5.1%	8.7%	9.9%
TOTAL	6,995	1,579	1,708	1,727	1,826	6,840	1,753	1,984	1,832	1,792	7,361
						1.8%	5.9%	9.1%	5.1%	1.4%	5.3%

# New segment reporting: 2014-15 Adj. EBITDA by quarter Euro Millions

	ADJ. EBITDA and % ON SALES										
	FY 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014	FY 2014	Q1 2015	Q2 2015	Q3 2015	Q4 2015	FY 2015
ENERGY PROJECTS	215	6	26	52	56	140	26	73	53	68	221
	17.2%	2.4%	8.6%	17.3%	14.4%	11.3%	9.4%	20.4%	14.9%	16.1%	15.6%
E&I	127	21	33	31	23	108	26	37	36	29	128
	4.6%	3.3%	4.9%	4.4%	3.5%	4.0%	3.8%	4.8%	5.1%	4.7%	4.6%
INDUSTRIAL & NETW.C.	124	26	33	29	27	115	26	36	31	30	122
	8.2%	7.4%	8.9%	8.3%	7.3%	8.0%	7.2%	9.0%	8.1%	8.3%	8.1%
OTHER	8	2	3	2	(2)	5	1	1	(0)	0	2
	6.9%	8.7%	13.0%	7.7%	-6.4%	4.6%	4.0%	2.5%	-0.6%	0.0%	1.9%
ENERGY PRODUCTS	259	49	69	62	48	228	53	74	67	59	252
	5.9%	4.9%	6.4%	5.8%	4.5%	5.4%	4.9%	6.1%	6.0%	5.8%	5.7%
OIL&GAS	33	5	6	5	9	25	13	4	4	(5)	16
	8.4%	6.0%	7.2%	5.3%	7.4%	6.5%	10.3%	3.5%	4.7%	-5.6%	3.8%
TELECOM	106	18	25	32	41	116	28	43	35	28	134
	10.8%	7.6%	9.9%	12.5%	16.4%	11.7%	10.1%	14.2%	13.0%	10.7%	12.1%
TOTAL	613	78	126	151	154	509	120	194	159	150	623
	8.8%	4.9%	7.4%	8.7%	8.4%	7.4%	6.8%	9.8%	8.7%	8.4%	8.5%

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- o Prysmian at a glance
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- o Telecom

# **Investing in submarine to increase ROCE**

Strengthening production and installation capabilities









- Length overall: 120.1m - Depth moulded: 7.6m

- Gross tonnage: 10.157 t



- Length overall: 133.2m - Depth moulded: 7.6m

- Gross tonnage: 10,617 t

#### Main projects in execution/orders backlog:

- Western Link
- BorWin 3 / DolWin 3
- Messina II
- Dardanelles 2
- Mon.Ita.
- Hainan 2

- Shannon River
- West of Adlergrund
- Cyclades
- Philippines
- Wikinger
- COBRA cable



- Length overall: 124m

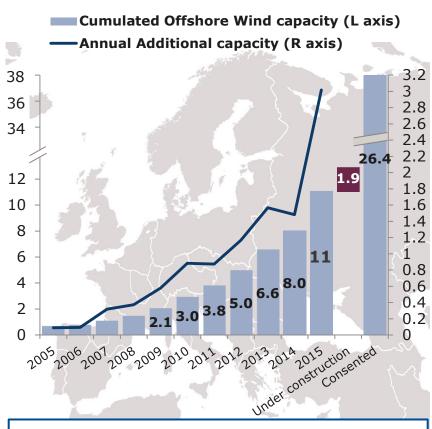
- Depth moulded: 6.8m

- Gross tonnage: 8,328 t

# Off-shore wind development in Europe

High visibility on new projects to be awarded next quarters

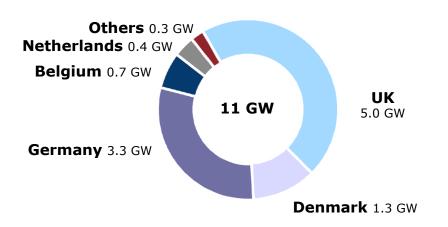
### **Europe Offshore Wind capacity (GW)**



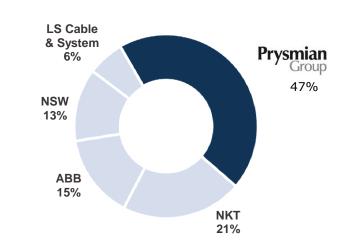
- Capacity Increase: 3.0 GW in 2015 (+100% vs. 2014)
- **Total capacity: 11 GW** at end 2015 (+37% vs. 2014)
- Under construction: 1.9 GW at end 2015
- Consented: 26.4 GW

#### Source: EWEA (February 2016)

### **Europe 2015 Cumulated Capacity by Country**



## Mkt share of export cable suppliers in 2015 *

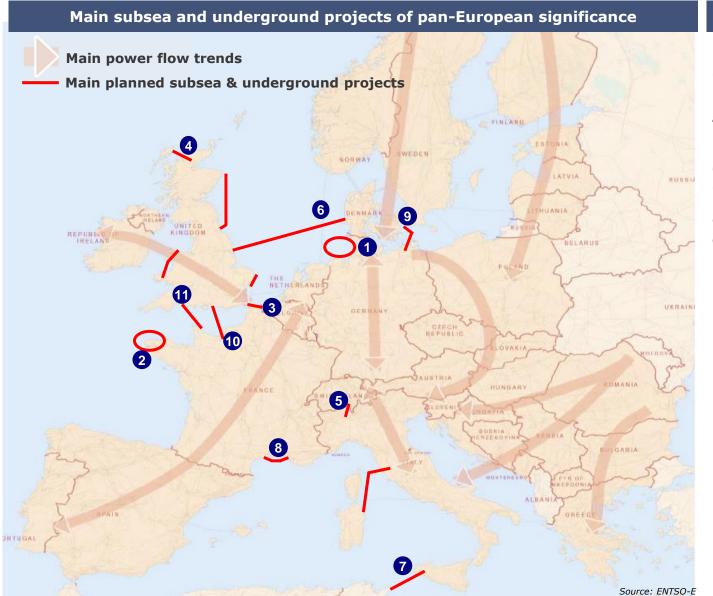


^{*} Calculated on no. of cables fully or partially completed, percentage. EWEA (February 2016)



# Major transmission projects to be awarded

Large pipeline of pan-European projects under development



#### **List of main projects**

- 1. **Germany** (HVDC Grid Offshore)
- 2. France Off-Shore
- 3. France UK (Eurotunnel)
- 4. Western Isles Link
- 5. Green Connector
- 6. Denmark UK (Viking Link)
- 7. Tunisia Italy
- 8. Marseille Languedoc
- 9. Denmark Germany
- 10. France UK (IFA2)
- 11. France UK (FAB)

Other Projects: Spain-France (sub), Ireland-France (sub), Israel-Cyprus-Crete-Greece (sub), Ireland-UK (sub), Egypt-Saudi Arabia (sub), North-South Germany (underground).

# Latest submarine projects awarded

### **Key success factors**

- Track record and reliability
- Ability to design/execute turnkey solution
- Quality of network services
- Product innovation
- State-of-the-art cable laying ships

### **Action plan**

- Cable Enterprise vessel conversion to improve installation capacity
- New investment worth approx. €40m in Pikkala and Arco Felice to enhance the production capability to meet the order backlog requirements
- Leverage on strong off-shore windfarms trend
- Secure orders to protect long-term growth
- Focus on execution

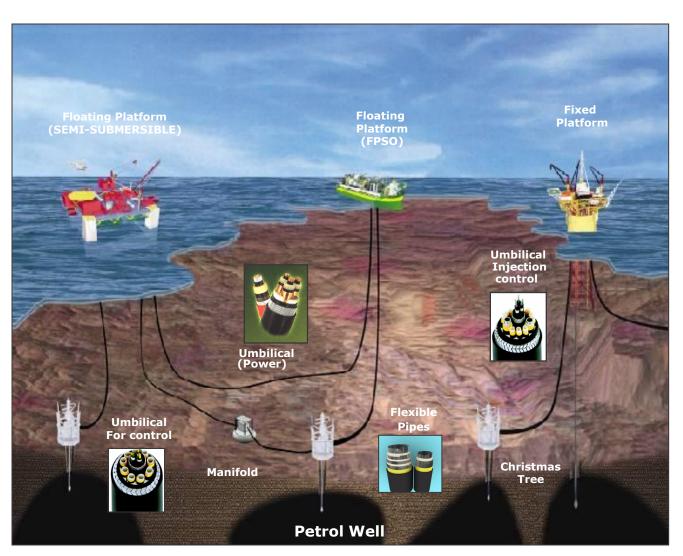
			<b>.</b>
Latest Key projects	Customers	Period	€m*
COBRA cable	TenneT - Energinet.dk	2016-18	250
Hainan II	China South Grid	2016-19	\$140m
NSN Link	Statnett SF – National Grid	2015-21	550
West of Adlergrund Option	50Hertz Offshore GmbH	2015-18	230
Wikinger	Iberdrola Renovables Offshore	2015-17	60
Philippines	NGCP	2015-16	90
Dardanelles 2	TEIAS	2015-16	64
Cyclades	IPTO	2015-16	95
West of Adlergrund	50Hertz Offshore GmbH	2015-18	480
Shannon River Crossing	ESB	2014-16	40
Zakum offshore oil field	Emirates Holding	2014-15	30
BorWin3	TenneT	2014-17	250
Capri	Terna	2014-15	70
US Offshore platforms	ExxonMobil's	2014-15	\$100m
Balearic Islands	Red Eléctrica de España	2014-15	85
DolWin3	TenneT	2014-16	350
Normandie 3	Jersey Electricity plc	2013-14	45
Mon.Ita	Terna	2013-17	400
Dardanelles	TEIAS	2012-14	67
Phu Quoc	EVNSPC	2012-14	67
Western Link	National Grid-Scottish Power JV	2012-17	800
HelWin2	TenneT	2012-15	200
Hudson Project	Hudson Transm. Partners LLC	2012-13	\$175m
SylWin1	TenneT	2012-15	280

^{*} Prysmian portion of the project



# **SURF** – Off-shore oil exploration

Oilfield structure



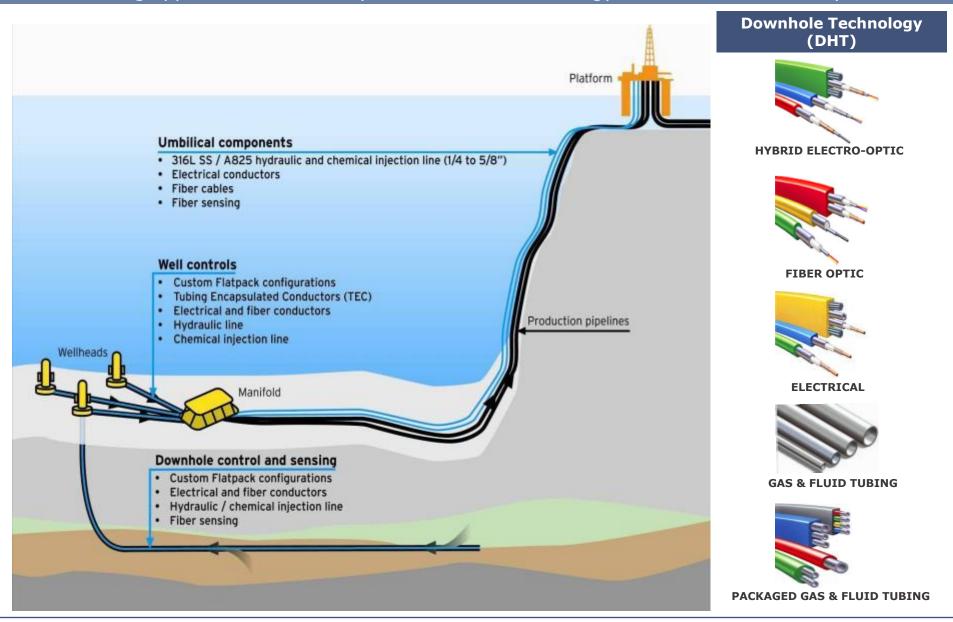
### **Flexible Pipes**





# **SURF – Off-shore oil exploration**

Cross selling opportunities driven by the Downhole technology business contributed by Draka



## Trade & Installers – Overview

#### **BUSINESS DESCRIPTION**

- Building wires, Low and Medium voltage cables for residential, commercial, industrial and infrastructure constructions
- Partner of the World best Wholesalers, Installers, Contractors & Specialized Distributors; with a clear focus on their needs following a Customer Centricity approach
- Complete product range of solutions for the construction world, including residential, commercial, industrial and infrastructure with focus on high performance products: best in class Fire Resistant cables, LSOH, Green cables, Easy to Install and Total Cost of Ownership reduction solutions

#### **KEY SUCCESS FACTORS**





Technological leadership and product excellence

Customer centric approach

Capillary logistical distribution network and service

Technical support

Extra services

Unique industry expertize

### **KEY CUSTOMERS**

Contractors & Installers











Wholesalers







Specialized distributors









## Trade & Installers

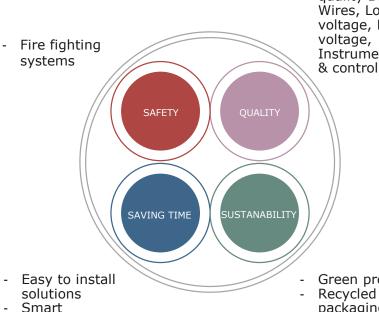
### Offer overview

RESIDENTIAL - COMMERCIAL -**INDUSTRIAL - INFRASTRUCTURE** 

- POWER SUPPLY
- **EMERGENCY CIRCUITS**
- CONNECTIONS
- MACHINERY (MOBILE OR NOT) -
- **SWITCHBOARD**

- LIGHTING
- (INTERIOR/EXTERIOR)
- **BRANCHES**
- CONTROL/DATA
- **ELECTRICAL APPLIANCES**

#### **BEST IN CLASS FIRE RESISTANT AND LSOH CABLES**



Full range quality Building Wires, Low voltage, Medium voltage, Instrumentation & control

Green products

packaging

Full life cycle assessment approach

A MAJOR ROLE IN MILAN **2015 EXPO** 

**TAKING** SAFETY **TO NEW HEIGHTS**  THE LIVES OF THESE PEOPLE DO **NOT HANG** BY A THREAD







Special fire safety and eco-friendly cables for the site hosting the Milan Universal **Exposition** of 2015: 50 km of medium voltage P-Laser cables and 300 km of low voltage Afumex cables

Approximately 350 km cables for Tele2 of high-tech fireresistant cables for power distribution supplied within the Shard skyscraper, the tallest building in London and Western Europe. Prysmian chosen as global supplier of BASEC and LPCB certified cables and components, and of support and advice to the construction company on the best installation methods to use

Around 500 km of Arena, a new, ultramodern multi-purpose stadium in Stockholm. Prysmian Group has supplied halogen-free cables for the stadium's power, telecommunication, and lighting systems, selected by the customer as the latest technology to quarantee safety

Packaging

Hybrid cables

Energy + Data

# **Industrial & Network Components – Overview**

### **Business description**

Integrated cable solutions highly customized to our industrial customers worldwide

#### **Specialties & OEM**

Products for mining, crane, marine, railway, rolling stock, nuclear, renewables, defense and other niches



#### **Elevator**

Meeting the global demand for high-performing, durable and safe elevator cable and components we design manufacture and distribute packaged solutions for the elevator industry



#### **Automotive**

Standard and specialist cables for the automotive and transport industry, collaborating with the sector's leading international manufacturers



### **Network Components**

Network accessories and components to connect cables and other network elements

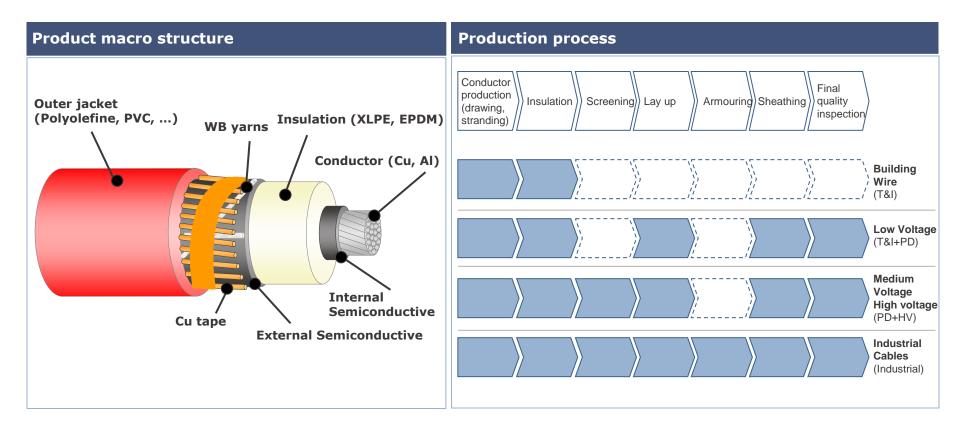


### **Key customers**

Large and differentiated customer base generally served through direct sales



# **Macro-structure of Energy Cables**



# Agenda

- Group overview
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# **Telecom – Overview**

### **Business description**

Integrated cable solutions focused on high -end Telecom

#### **Telecom solutions**

<u>Optical cables</u>: tailored for all today's challenging environments from underground ducts to overhead lines, rail tunnels and sewerage pipes

<u>Copper cables</u>: broad portfolio for underground and overhead solutions, residential and commercial buildings

<u>Connectivity</u>: FTTH systems based upon existing technologies and specially developed proprietary optical fibres



#### **MMS**

<u>Multimedia specials</u>: solutions for radio, TV and film, harsh industrial environments, radio frequency, central office switching and datacom <u>Mobile networks</u>: Antenna line products for mobile operators <u>Railway infrastructure</u>: Buried distribution & railfoot cables for long distance telecommunication and advanced signalling cables for such applications as light signalling and track switching



### **Optical Fiber**

Optical fiber products: single-mode optical fiber, multimode optical fibers and specialty fibers (DrakaElite)

Manufacturing: our proprietary manufacturing process for Plasma-activated Chemical Vapor Deposition and Licensed OVD Technology (600 unique inventions corresponding to > 1.4K patents) positions us at the forefront of today's technology



### **Key customers**

Key customers include key operators in the telecom sector



# **Optical cables**

Global overview

#### **Market trends**

- Demand function of level of capital expenditures budgeted by large telecom companies (PTT/incumbents as well as alternative operators) for network infrastructures, mainly as a consequence of:
  - Growing number of internet users data traffic
  - Diffusion of broadband services / other hightech services (i.e. IPTV)

### **Key success factors**

- Continuous innovation and development of new cable & fibre products
- Cable design innovation with special focus on installation cost reduction
- Relentless activity to maintain the highest quality and service level
- Focus on costs to remain competitive in a highly price sensitive environment

### Strategic value of fibre

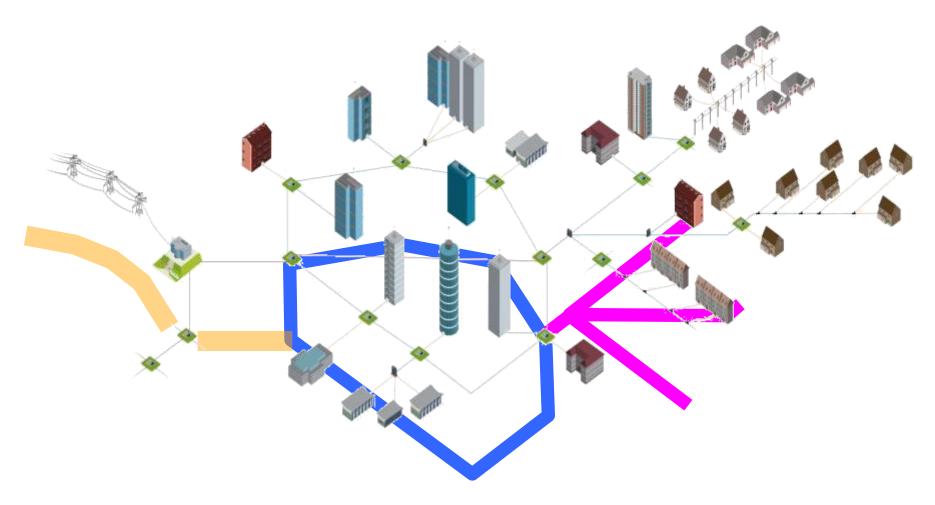
- Fiber optic represents the major single component cost of optical cables
- Fiber optic production has high entry barriers:
  - Proprietary technology or licenses difficult to obtain
  - Long time to develop know-how
  - Capital intensity
- When fiber optic is short, vertically integrated cable manufacturers leverage on a strong competitive advantage

### **Action plan**

- Maintain & reinforce position with key established clients
- Further penetration of large incumbents in emerging regions
- Optimize utilization of low cost manufacturing units
- Expand distribution model in Domestic & Export
- Streamline the inter-company process
- Fully integrated products sales
- Refocus on export activities
- Increase level and effectiveness of agents



# **Telecom Cables Main Applications**



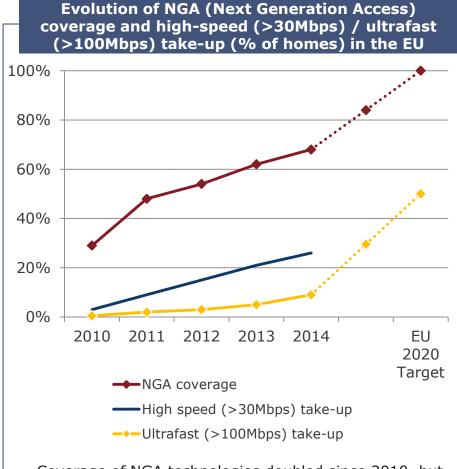
**BACKBONE** 

**METROPOLITAN RING** 

**ACCESS NETWORK** 

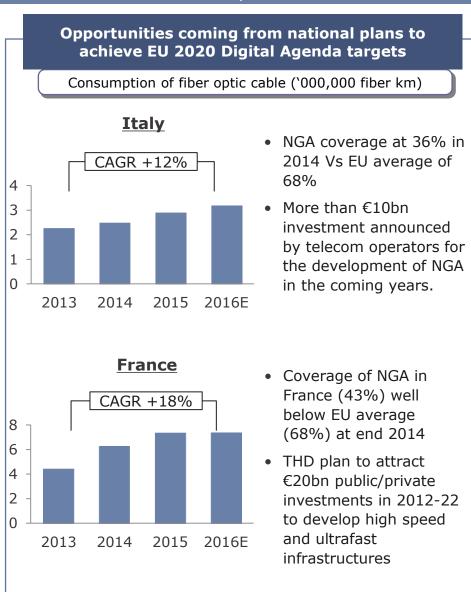
# Telecom – Market trend

Growth opportunities coming from the development of broadband in Europe



- Coverage of NGA technologies doubled since 2010, but further efforts are requested to meet 2020 target of 100% coverage
- Take-up of ultrafast (>100Mbps) broadband remains marginal (3% of homes) still faraway from 2020 target (50%)

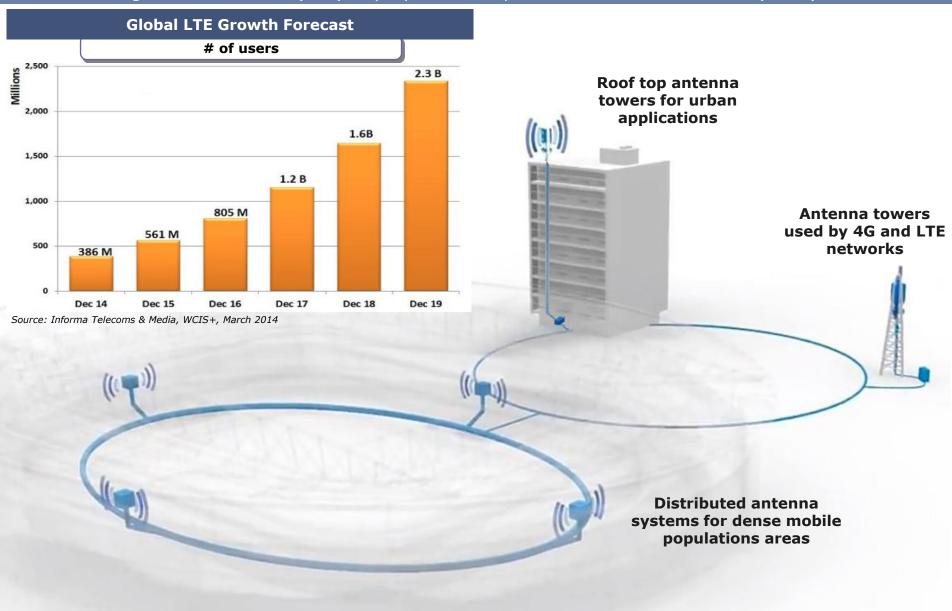
Source: European Commission Digital Agenda Scoreboard 2015



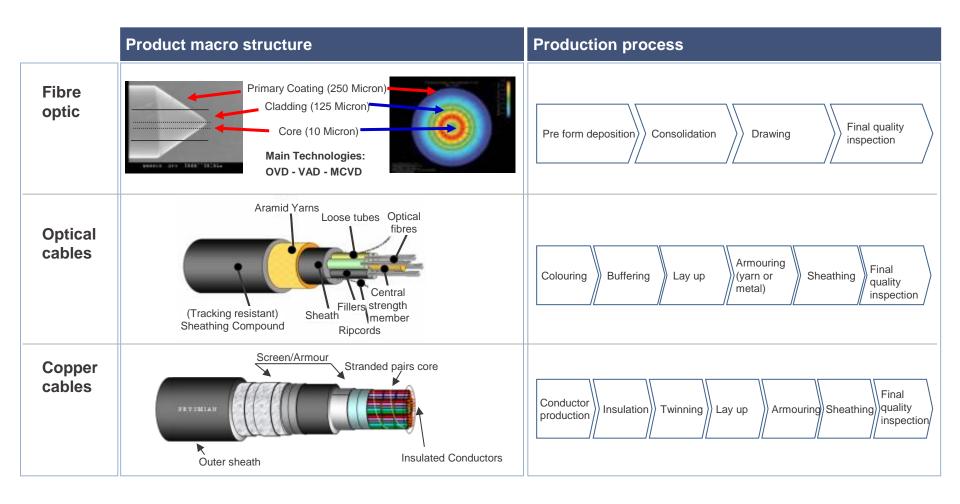
Source: CRU, January 2016; European Commission Digital Agenda Scoreboard 2015

# Telecom – FTTA as key driver of optical demand

4G and Long Term Evolution (LTE) deployments require Fiber-to-the-Antenna (FTTA)

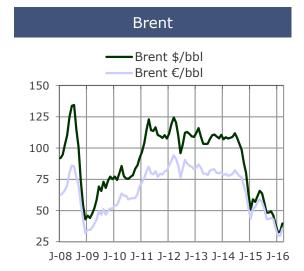


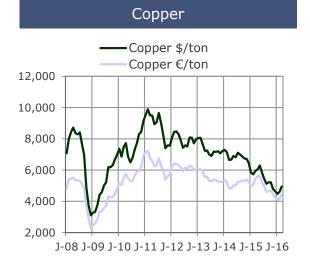
# **Macro-structure of Telecom Cables**



# **Reference Scenario**

Commodities & Forex







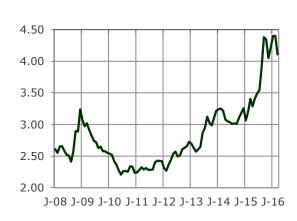








EUR / BRL



Based on monthly average data Source: Nasdag OMX



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