

A natural choice as supplier to the electricity & energy sector



Completing the picture

Agenda

01. NKT Holding
02. **nkt cables** management and sales regions
03. Vision and guiding principles
04. **nkt cables** world
05. Key figures
06. Expanding sales presence
07. Our customers
08. Major projects
09. Innovations
10. Manufacturing facilities



NKT Holding structure 2012



NKT HOLDING

Turnover : 2,094 mEuro
Employees: 9,750



NILFISK ADVANCE

Turnover : 847 mEuro
Employees: 5,345
Prof. Cleaning Equipment



nkt cables group

Turnover: 1,220 mEuro
Employees: 3,503
Cable Solutions



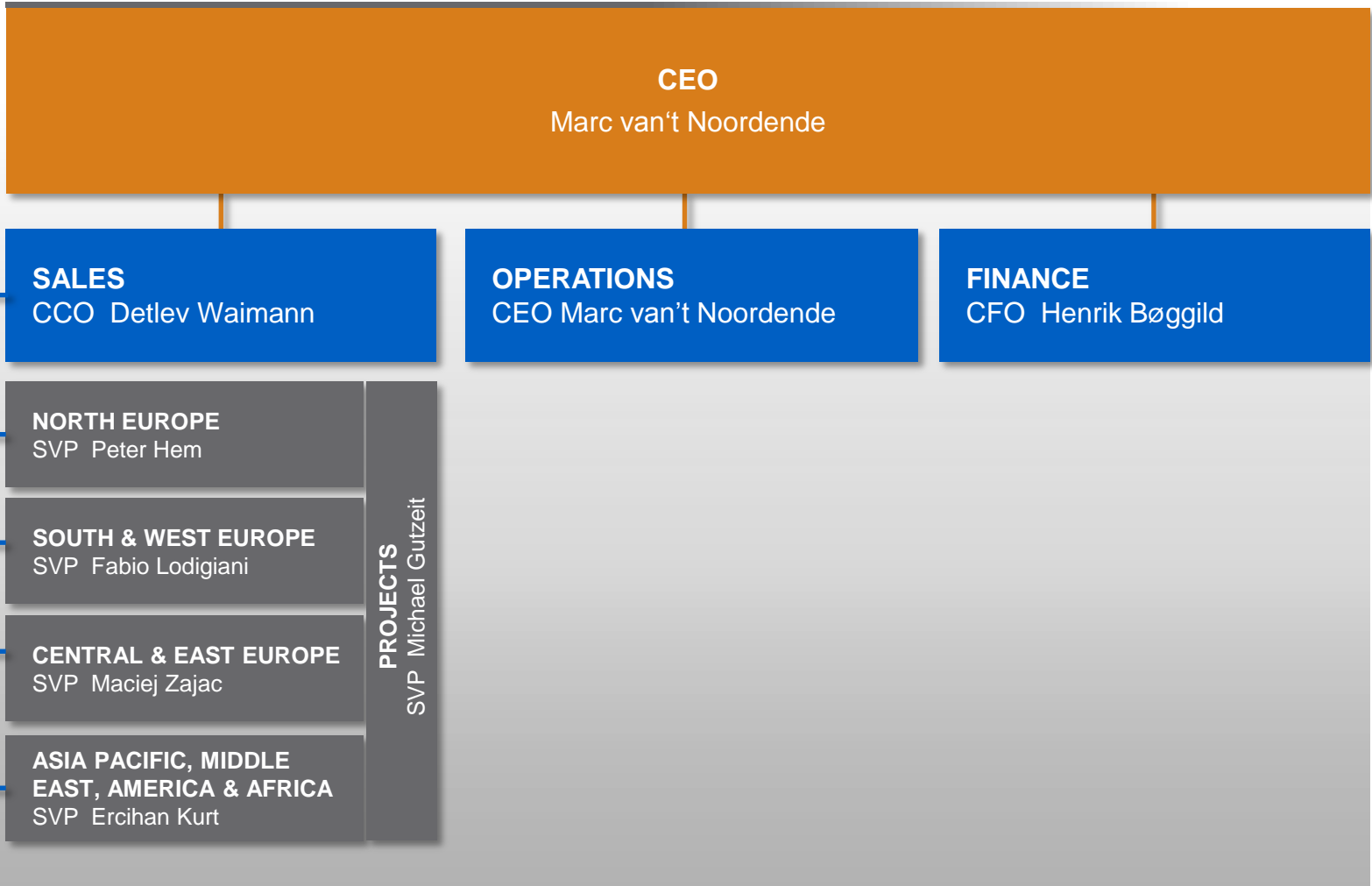
NKT PHOTONICS GROUP

Turnover : 28 mEuro
Employees: 188
Optical Components

NKT Holding is listed on the Danish Stock Exchange
Numbers concern 2011



Management and sales regions



Vision and guiding principles



OUR VISION:

nkt cables is creating value for its customers by providing solutions with cables



OUR GUIDING PRINCIPLES:

- » We supply creative and sustainable products, services and solutions for our customers
- » Our company is built on trust, fairness, courage and passion
- » We say what we do and do what we say



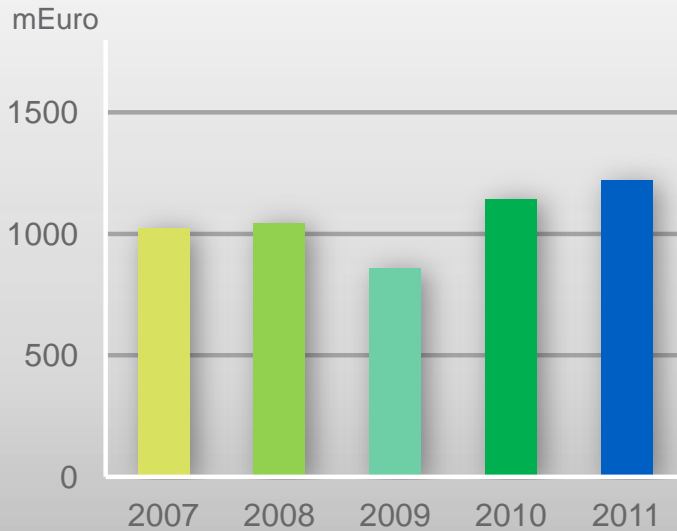


1 up to 12/24 V	2 up to 1 kV	3 up to 1 kV	4 1 kV	5 up to 45 kV	6 up to 72 kV	7 up to 245 kV	8 up to 550 kV	9 up to 550 kV	10
Automotive Cables	VALSUN® Cables	Building Wires	LV Cables	MV Cables	Super-conducting Cables	Export, Infield and Inter-connection Submarine	OPGW/OPPC	HV Cables	Cable Conductors, Contact Wires and Accessories
Cable Harnesses	nktdoc®	Cabinets and Boxes	MV Accessories	OPGW/OPPC Accessories	HV Accessories	Submarine Cable Accessories	VALCAP® Monitoring	Signalling Cables	
VALeMo	Flexible Cords and Specialities								

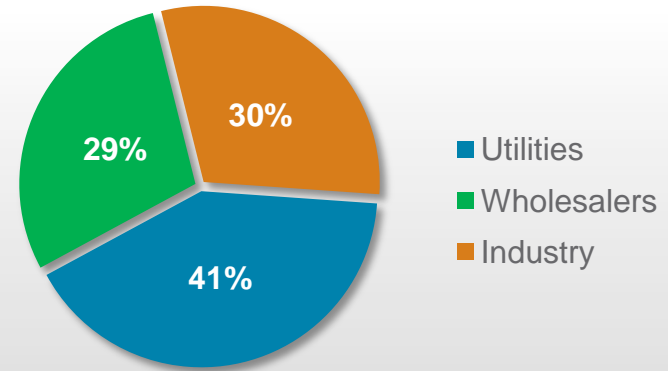


nkt cables group

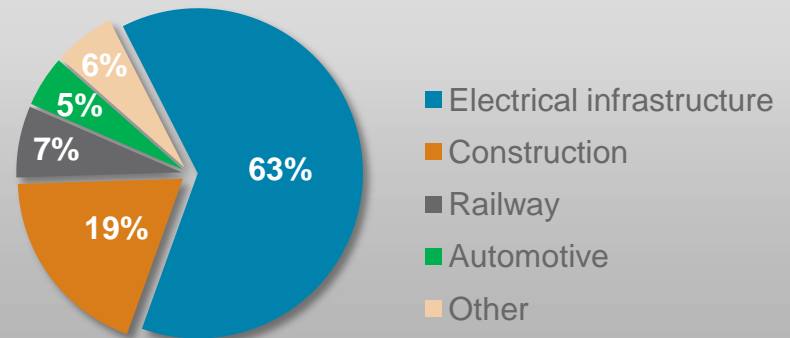
DEVELOPMENT IN TURNOVER



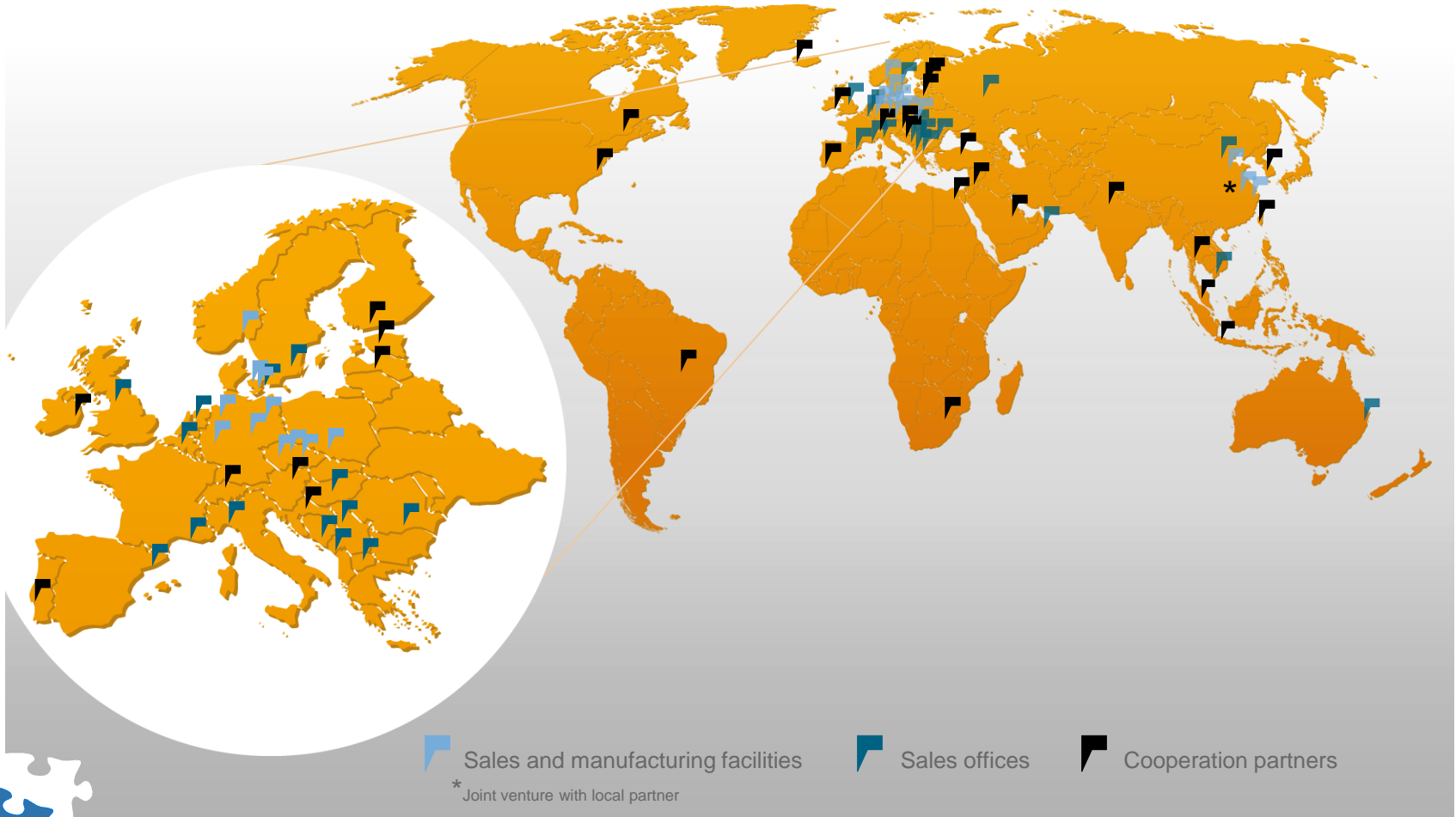
SALES BY CUSTOMERS



SALES BY APPLICATION AREAS



Expanding sales presence



Our Customers

<p>OEMs</p>	<p>WHOLESALERS</p>	<p>CONTRACTORS</p>	<p>UTILITIES</p>	<p>RAILWAY OPERATORS</p>	<p>AUTOMOTIVE</p>
<p>SIEMENS</p> <p>ABB</p> <p>GRUPO ORMAZABAL</p> <p>Schneider Electric</p> <p>Danfoss</p> <p>ALSTOM</p>	<p>sonepar</p> <p>solar</p> <p>REXEL ELECTRICAL SUPPLIES</p> <p>MEINHART</p> <p>LEVISSA MÜLLER</p>	<p>SIEMENS</p> <p>AREVA</p> <p>ABB</p> <p>Balfour Beatty</p> <p>VATTENFALL</p> <p>ALSTOM</p>	<p>VATTENFALL</p> <p>EDF</p> <p>e-on</p> <p>VORWEG GEHEN</p> <p>Tennet Taking power further</p>	<p>MOR</p> <p>SNCF</p> <p>DB BAHN</p> <p>ÖBB</p>	<p>SUMITOMO ELECTRIC BORDNETZE</p> <p>YUKA YURAHARNES</p> <p>Coroplast Verbindungen, die halten.</p> <p>Dräxlmaier</p> <p>YAZAKI</p>



Major Projects



HIGH VOLTAGE CABLES

- » TenneT Project:
biggest project worldwide for 400 kV cable system, 130 km
- » NAAn project:
220 kV cable, 50 km
part of major upgrade of
New Zealand's electricity grid
- » Beddington project * :
400 kV cable system in tunnel, 30 km



SUBMARINE CABLES

- » Baltic 1 turnkey wind farm connection* :
150 kV export cables and infield
cabling, 61 km
- » Baltic 2 turnkey wind farm connection.
150 kV export cables, 60 km
- » Gwynt y Môr project:
132 kV HV submarine cables for the
GyM offshore wind farm, 88 km
- » Anholt project:
245 kV AC cable, 25 km
the cable connects the Anholt
Offshore Wind Farm with Jutland

**The largest
submarine cable
in the world!**



RAILWAY

- » PDL Beijing – Tianjin, China*:
First Very High Speed Line in the world
350 km/h, 117 km
- » PDL Wuhan – Guangzhou, China*:
Chinas longest high-speed train link
350 km/h, 1,068.6 km
- » Beijing – Shanghai, China*:
380 km/h, 1,318 km
- » Madrid – Valencia, Spain*:
350 km/h, 438 km
- » Orense - Santiago de Compostella, Spain:
300 km/h, 87.5 km
- » Gotthard Tunnel, Switzerland:
250 km/h, 57 km

*In Operation



Innovations

HV cables



Valfit®

Submarine cables



Long length offshore cables without joints

Dynamic rating solution For economic grid performance



VALCAP® incl. AdapPro

HV accessories



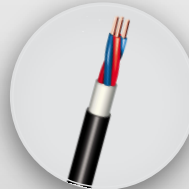
245 kV Slip-on joint

eMobility solution



VALeMO

Photovoltaic



VALSUN®

HV cables and accessories



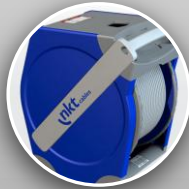
CabSnap®

Railway catenary systems



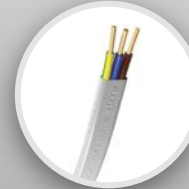
Valcond®

Package solution within LV



Qaddy®

Building wires



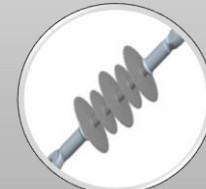
nkt instal®

Design and calculation tool within LV



nktdoc®

Accessories



Railway insulator with special sheet design for upside down application



Manufacturing facilities – at highest technological level

The most modern factory
in the world!
Completed in 2011



Our manufacturing plants are among the most modern, flexible and cost-effective in the world

We invest heavily in our manufacturing facilities to keep them at the highest technological level

Heavy investments in CO₂-neutral production and in waste prevention

New state of the art – facility in Cologne

