

An outlook on nuclear developments around the world from a global supplier

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Solutions beyond the ordinary...





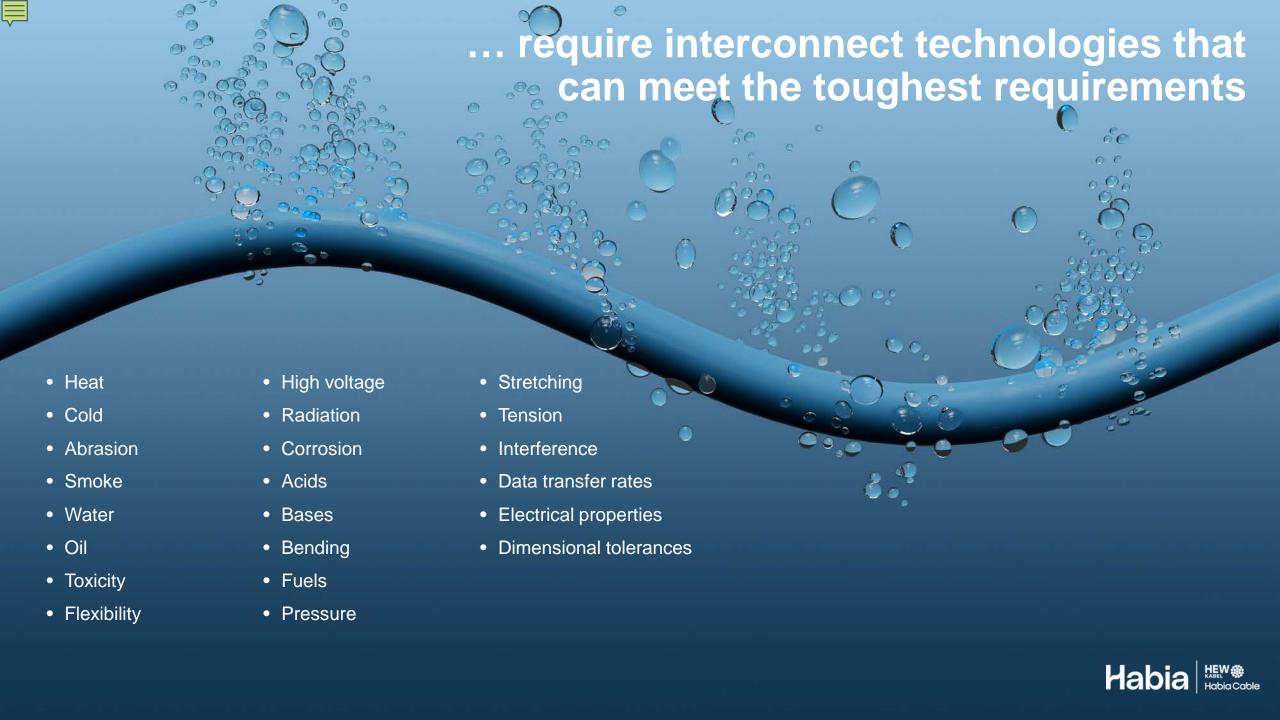














Our solutions are found in these areas...

Defence & Aerospace



Military-grade solutions designed for some of the world's toughest defence specifications

Robotics



Robust and durable cabling solutions for all common robot types.

Marine



Marine-grade certified cables and harnesses for offshore applications.

Nuclear



High specification range of safety-critical signal and control cables for installation inside nuclear power plant.

Medical



Wide range of medical sensor cables, including micro cables for ultrasensitive applications.

Wind energy



Wide range of customtailored wires, cables and harness solutions for wind turbine power applications.

Automotive



Customized wires and cables for exhaust aftertreatment and brake sensors.

Sensor technology



Custom cable solutions for sensors used in demanding automated environments.

...and many others

Global coverage, local touch

We combine the speed and nimbleness of a local player with the resources and expertise of a global group.

Sales teams

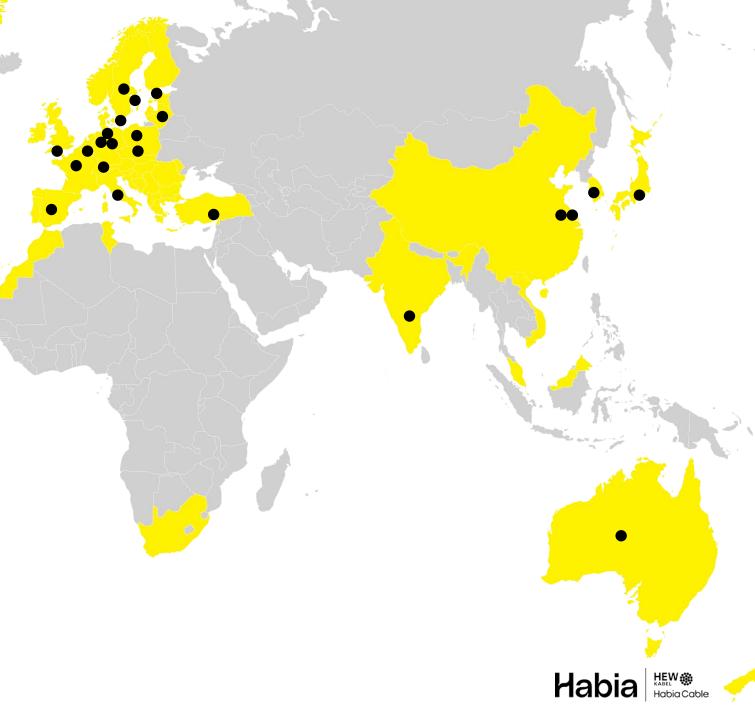
- China
- Europe
- India
- US

Agents & distributors

- Australia
- Canada
- Europe
- Israel
- Japan
- Singapore
- South Korea
- Turkey

Production facilities / Customer centres

- Wipperfurth, Germany
- Norderstedt, Germany
- Söderfors, Sweden
- Changzhou, China
- · Doluje, Poland



Habia at a glance

~1,000

employees in Europe and Asia

Sales to

~2,000

customers / year

5

production facilities

Sales to

~60

countries / year

~10,000

products sold / year

Turnover

~200

million Euro 2022



125 years of creativity and innovation

We are building on a strong foundation, uniting two dynamic and innovative speciality cable groups, each with its own entrepreneurial legacy. By harnessing our collective knowledge, pooling our resources, and expanding our global reach, we can serve our local and global customers even better than ever.

Isotec Kabel GmbH

Founded by Wiltrud Haas and Martin Schächter in Norderstedt, near Hamburg, Germany

1950-57

First cable are manufactured

Habia Cable

Founded in Stockholm, Sweden by Carl "Charlie" Herbert Jacobson to make Bakelite components

1945-55

One of the first in Europe to manufacture components in PTFE

Habia opens first international sales office in Breda. Holland followed by sales and production companies in Europe, Asia, and the US

Habia is sold to Beijer Sponsor, which continues the international expansion until the mid-1980s. New factories were set up, each with a different product focus. Sales offices were also established in France. Germany, UK, Spain, Belgium and the US

HEW-KABEL

HEW-KABEL is founded by Heinz Eilentropp in Wipperfürth, near Cologne, Germany, and managed as a family business for 34 years

Move to the new (current) location in Wipperfürth, Klingsiepen

Optinova

PolyOne

Axon Cable

Establish first Cable Systems Department. Pressure-tight glands for submarines are the first products manufactured

Habia is split up. Beijer Alma, controlled by Anders Wall, acquires what becomes Habia

1985-90

Other parts of Habia end up as Axon Cable, Habia Technoflour, and parts of General Cable. PolyOne and Optinova

1990

The coaxial wonder cable Flexiform[™] is introduced, a solution that revolutionises the antenna industry

The Cassini Orbiter begins a iourney to Saturn with special cables from Habia Cable

Introduction of PTFE tape in oval shape

Start of production of HEI-TAPE® (Gore-Tex)

Company takeover by CDT Group

2000

Low-noise cables

Konfektion E founded in Kreßberg-Marktlustenau



2002 Cable Systems Technology (CST) is founded on Lidingö, near Stockholm, Sweden by Adam Marneson and Peter Byrén, to manufacture cable harnesses 2000

2009

Irradose, a company for electron beam cross-linking services, is started by Hans Forsgren in Tierp, Sweden

2018

The DMFRO range of lightweight, halogen-free cables for marine applications is launched

2021 HTMV is rebranded to Zeroarc® and launched as an insulation system for a wider range of applications

- Isotec Kabel GmbH
- is acquired

 Habia Cable sets up a factory in Changzhou, China

2008 CS Technology is acquired

2009 Harness manufacturing is moved to a new factory in Lubieszyn, Poland

2014

Habia Cable acquires Irradose from Hans Forsgren

2016

The High Temperature Medium Voltage (HTMV) cable finds its first applications in the offshore industry

2004

Belden and CDT joined together

- Demerger of SiC Compound, a production unit for special silicone compounds
- Introduction of HEW-FILO® therm, a constant wattage heating cable

2018 Introduction of special cables with custom profiles

- Introduction of laminated PTFE flat cable
- Start of manufacturing of polyimide (PI) cables

2009

The company is acquired by Dr. Rainer Flohr

2012

Launch of Silindo®, a biocompatible cable with "anti-slip" and "anti-stick" hygienic properties aimed primarily at the medical sector

Introduction of silicone cable solutions for wind energy and turbines

2017

- HEW-KABEL America Inc. is founded
- · Hybrid cable for surgery robots

2019

Acquisition by Andlinger & Company, a private international investment and management firm focused on developing industrial companies with strong growth potential

connectivity market

2022

October 2022, Wipperfürth-based HEW-KABEL Holding GmbH acquired Habia Cable, beginning a merger to form one. stronger player in the global cable and

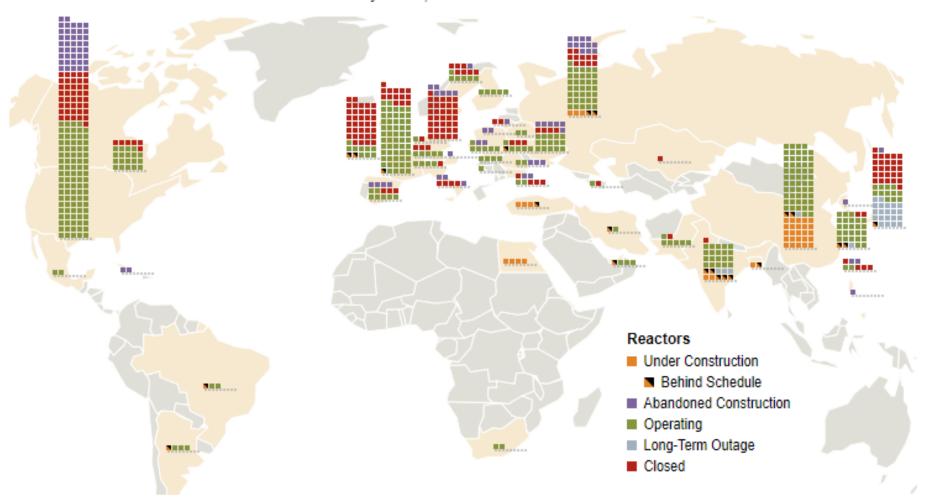
2023 Integration and rebranding of new joint company under the global brand name Habia®





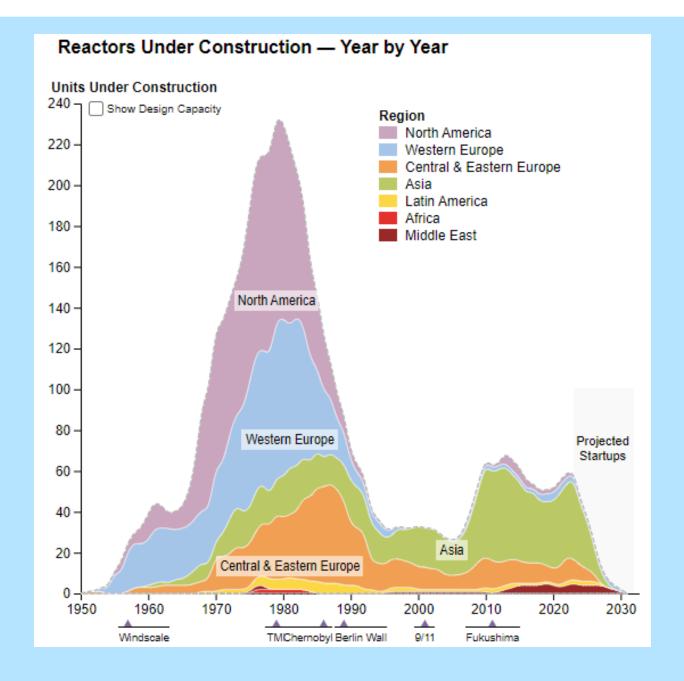
Nuclear Power Reactors in the World

by Status, as of 2 March 2024.



Source: https://www.worldnuclearreport.org/reactors.html#tab=iso;







China

- Starting to use western suppliers more?!
- High-Temperature Reactor, SMRs Conventional NPP's



South Korea

- Building again SHN 3&4
- SMR
- Export





India

- NPCIL own design (and Rosatom) as well as EDF/Framatome (EPR 2).



KKNPP 5



France

- 6 new reactors; site chosen
- EPR 2



FA 1,2,3



Denmark

- Floating NPP, Seaborg
- Co-operation with Samsung



The Power Barges are modular and can produce from 200-800 MW of electricity (Image: SHI/Seaborg)



Czech Republic

- EDF or Kepco decision in June
- Westinghouse excluded
- Dukovany site (currently VVER 440)





Sweden

- Leadcold





Poland

- Westinghouse, Kepco
- SMR's: Nuscale, USNC, ...
- Challenge financing



USNC MMR



Canada

- First SMR
- Conventional NPP's, EDF



GE Hitachi BWRX-300



Turkey, Hungary

- Rosatom



New technologies/manufacturers

- Nuscale
- Leadcold
- Ultra-Safe Nuclear

-...

- Not always aware of requirements
- Common regulation needed