



Exel Composites – Reinforcing Your Business

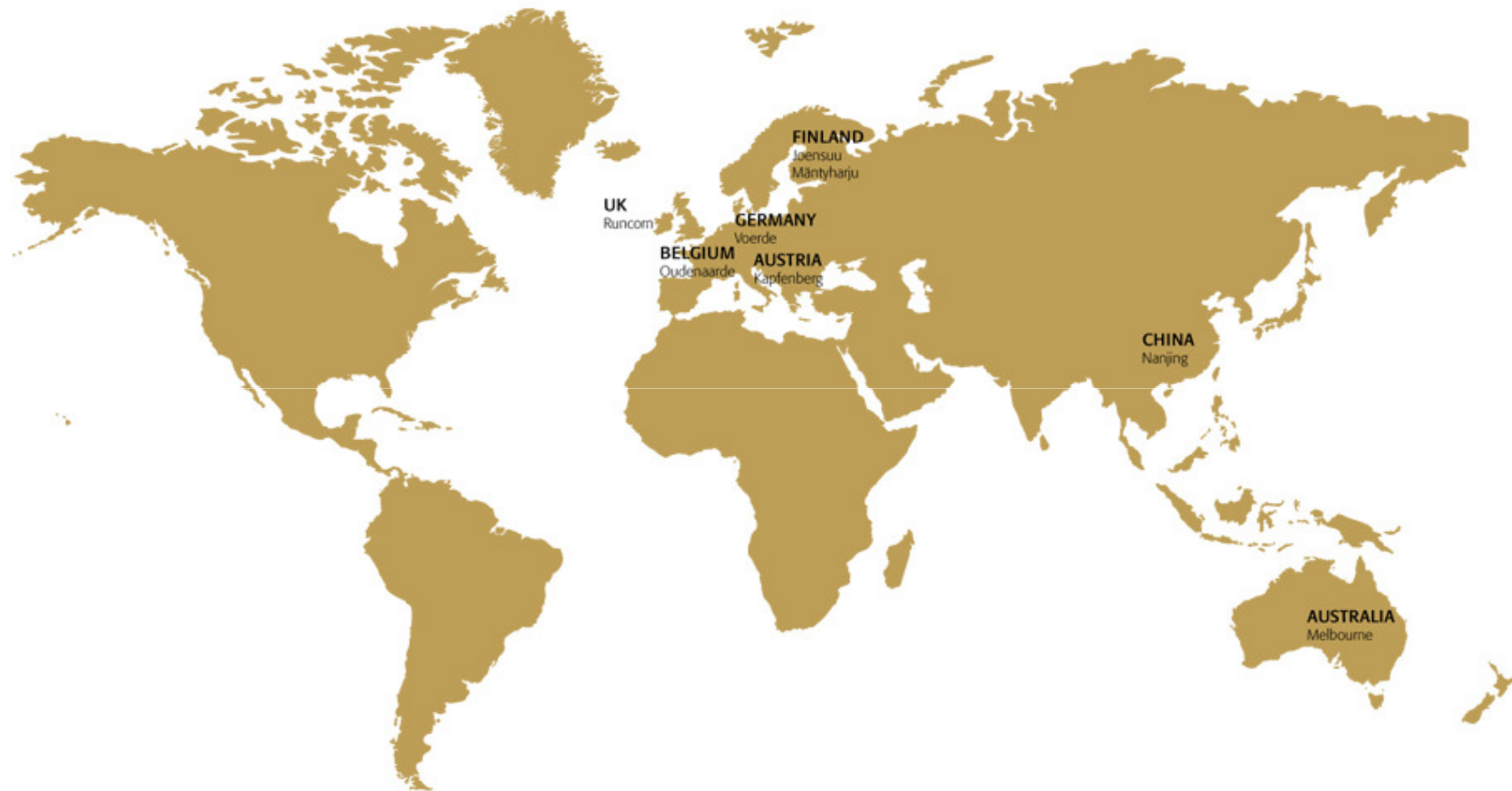
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Exel Composites is world's leading composite profile manufacturer with over 50 years of growth and innovation history

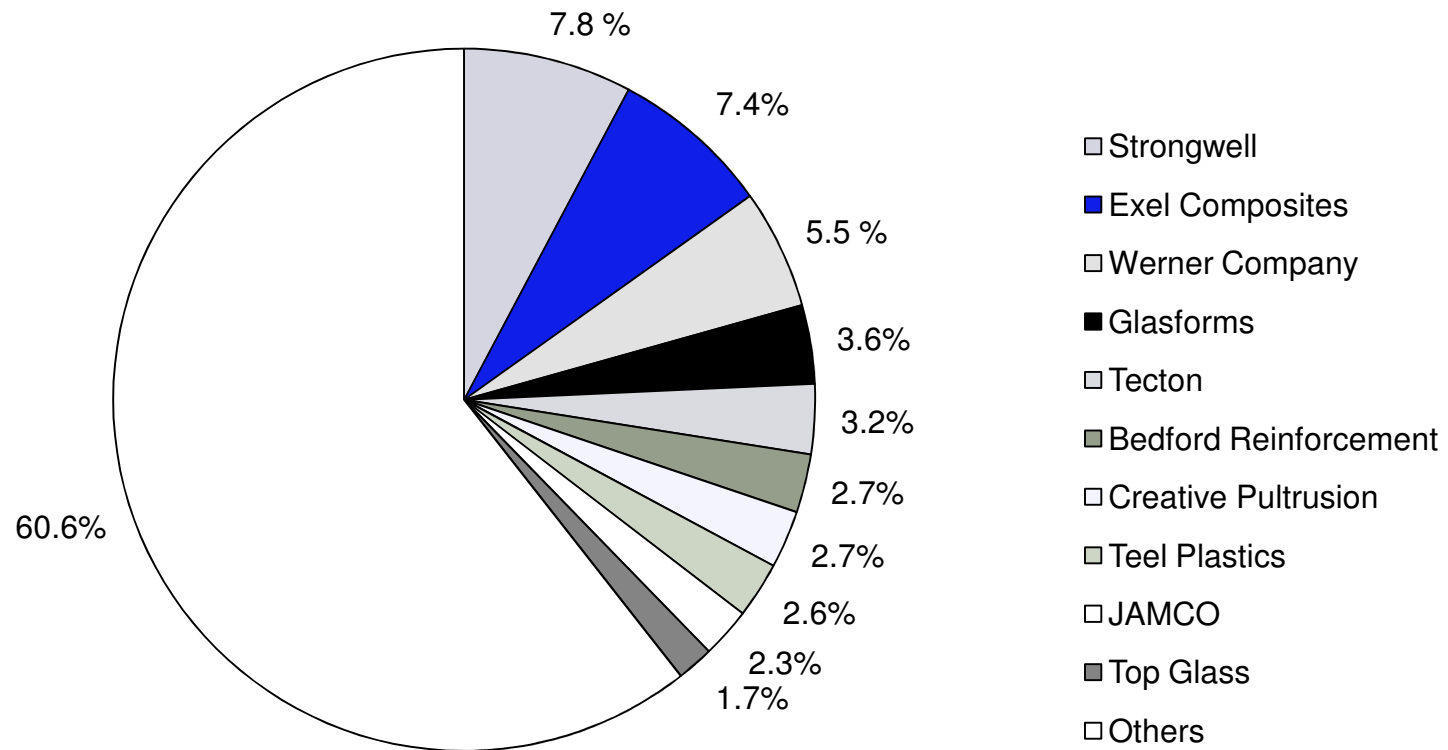
- ◆ World's leading composite profile manufacturer established in 1960
- ◆ Technology company which designs, manufactures and markets composite solutions for industrial applications
 - Annual sales MEUR 69 (2013)
 - Personnel: 423 (Q2 2014)
- ◆ Global footprint serving customers worldwide
 - Customers in more than 50 countries
 - Operations in 7 countries
- ◆ Core of the operations is based on proprietary, internally developed composite technology
- ◆ Personnel's expertise and high level of technology play a major role in Exel Composites' operations
- ◆ Listed in the Small Cap segment of the NASDAQ OMX Helsinki Ltd.

Exel Composites business is global with operations in 7 countries



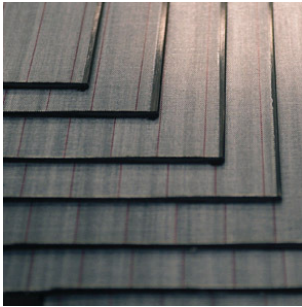
Exel Composites is the world's second largest pultrusion company

Global pultrusion market leaders in 2012



Source: Growth opportunities in the pultrusion market 2013 – 2018, Lucintel

Composite products' unique features and benefits can be utilized in various demanding applications



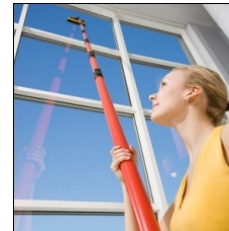
- ◆ Low weight
- ◆ High strength-to-weight ratio
- ◆ High fatigue tolerance
- ◆ Good corrosion and chemical resistance
- ◆ Tailored material properties
 - Fire retardation
 - Thermal insulation
 - Radio transparency
 - Electrical insulation / conduction
- ◆ Visual attractiveness and high-quality surface
- ◆ Long durability and service life
- ◆ **Composites offer versatile alternatives to optimize shape and technical properties to requirements**

Exel Composites offers products for wide range of applications. Exel Composites is the world's leading composite profiles manufacturer



TUBES

Exel is the world's largest manufacturer of thin-walled pull-wound tubes and hollow profiles



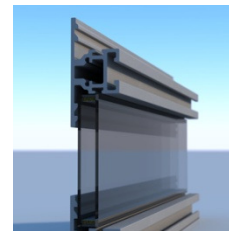
TOOLHANDLES AND TELESCOPES

Exel's series of toolhandles and telescopic poles offer the right products for demanding professional tools and materials for consumer toolhandles



CUSTOM PROFILES

Exel is the leading manufacturer of demanding, customer-tailored profiles for industrial applications



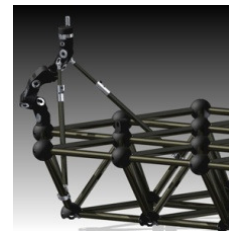
WINDOW AND DOOR PROFILES

Exel's insulating and thermally stable composite profiles with excellent mechanical properties meet the rising performance demands for windows and doors



LAMINATES

Exel produces a wide range of special fiber-reinforced laminates. Laminates are used in e.g. manufacturing, construction, sporting goods and transportation industries.



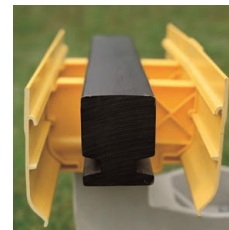
MACHINE INDUSTRY PRODUCTS

Exel offers state-of-the-art pultruded composite profiles for different segments of machine industry. Products are tailored for customers using different fibers and resins to adjust profile properties



AIRPORT PRODUCTS

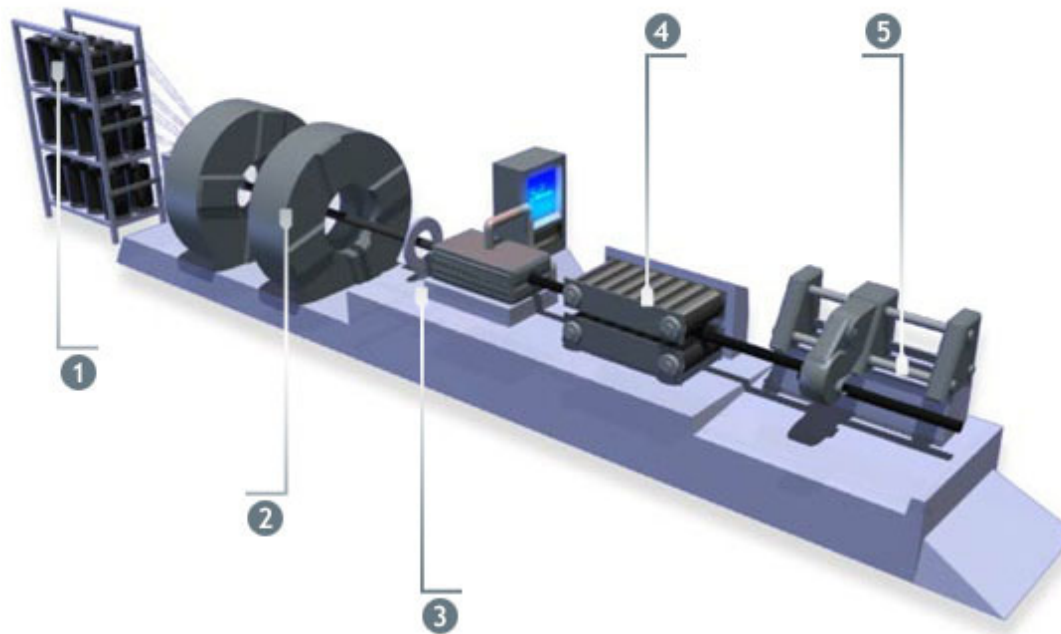
Exel supplies frangible structures to airports including approach lighting systems, weather measuring systems, anemometers, ILS-localizers and fencing



ELECTRICAL INDUSTRY PRODUCTS

Exel supplies a wide range of composites solutions for electrical industry. Material properties – like insulation – and production methods are selected based on customer requirements

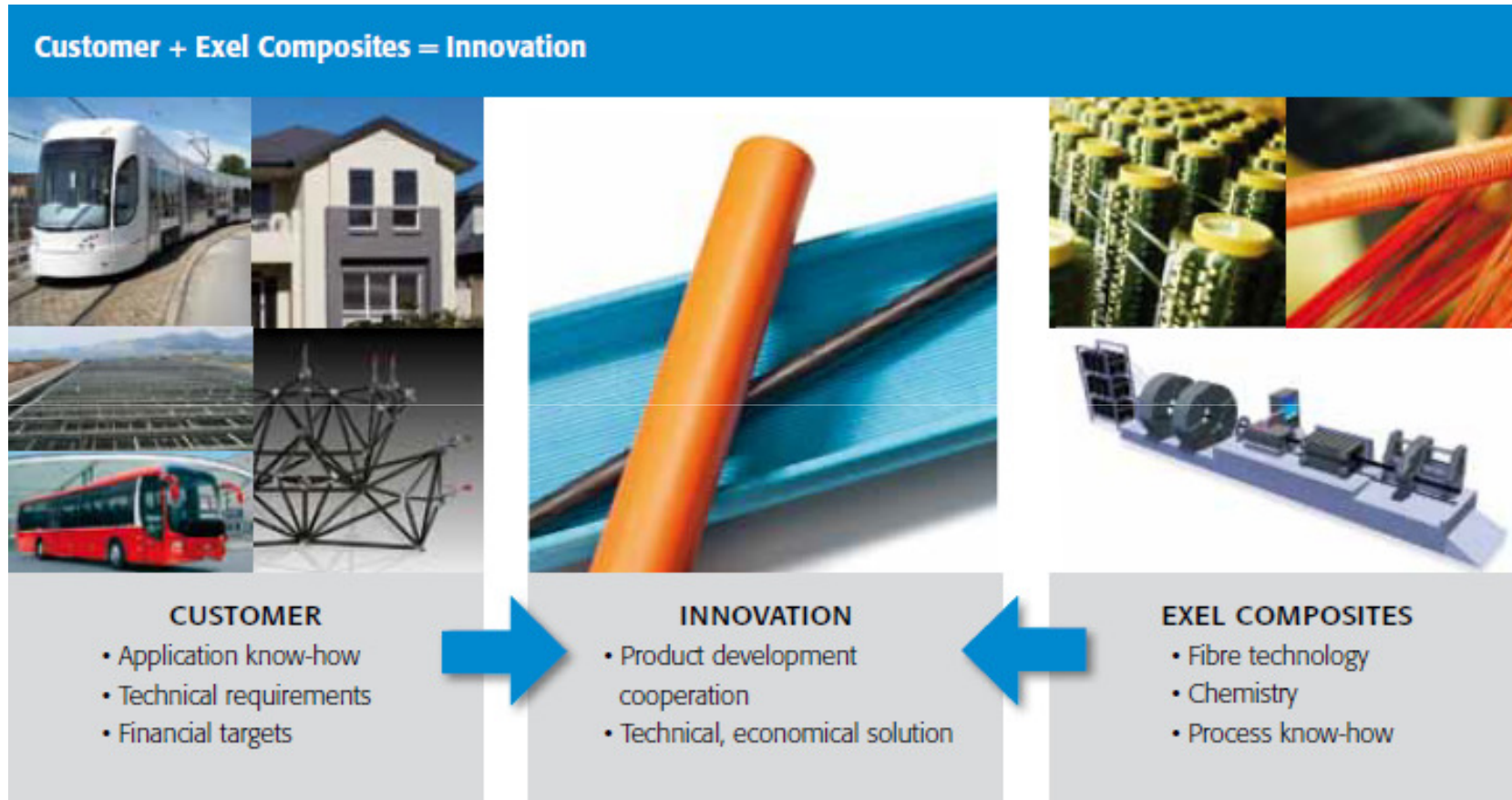
Exel Composites' core of the operations is based on proprietary, internally developed composite technology



1. Reinforcements
2. Cross-winding units
3. Resin Injection Mould
4. Pulling Device
5. Cutting Device

Principle drawing of Exel Composites pullwinding process

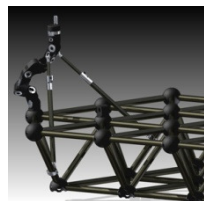
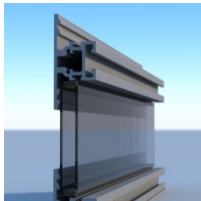
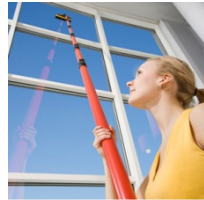
Innovations are created through combining customer's and Exel Composites' core know-how



Exel Composites' advanced solutions are utilized in several applications and market segments

Different raw materials combined with technology and composites know-how are creating a platform for multi-application business

Examples of typical applications within following main industry segments:



- Transportation Industry
- Building, Construction & Infrastructure
- Energy Industry
- Telecommunication
- Paper Industry
- Electrical Industry
- Cleaning & Maintenance
- Sports & Leisure
- Machine Industry
- General Industries

Exel Composites' products can be found in various applications, for example transportation segment is a large user of composites

- ◆ Transportation segment is a large user of composites
 - High surface quality for increasingly light weight trams and busses
 - High specification stiffeners for automotive applications
- ◆ Exel Composites is uniquely positioned to take advantage of shift to composites within pultrusion industry
 - Technical capabilities
 - Existing customer base



More information is available on Exel Composites website

- ◆ Exel Composites website: www.exelcomposites.com
- ◆ For further information contact

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