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R&D Manager



BLATRADEN
Advanced Composite Solutions

BLATRADEN can never compete with companies in low cost countries on price per kilo. We can only compete with knowledge

Developing our knowledge
about the fiber composite
materials and their processing

Steel Industry

Wood Industry

Fiber Composite Industry

Steel Industry

Wood Industry

- with design from sheets, pillars,
girders and beams

Composite Industry

- with a shell design, fibers only at
needed places, integrated functions

The composite semitrailer

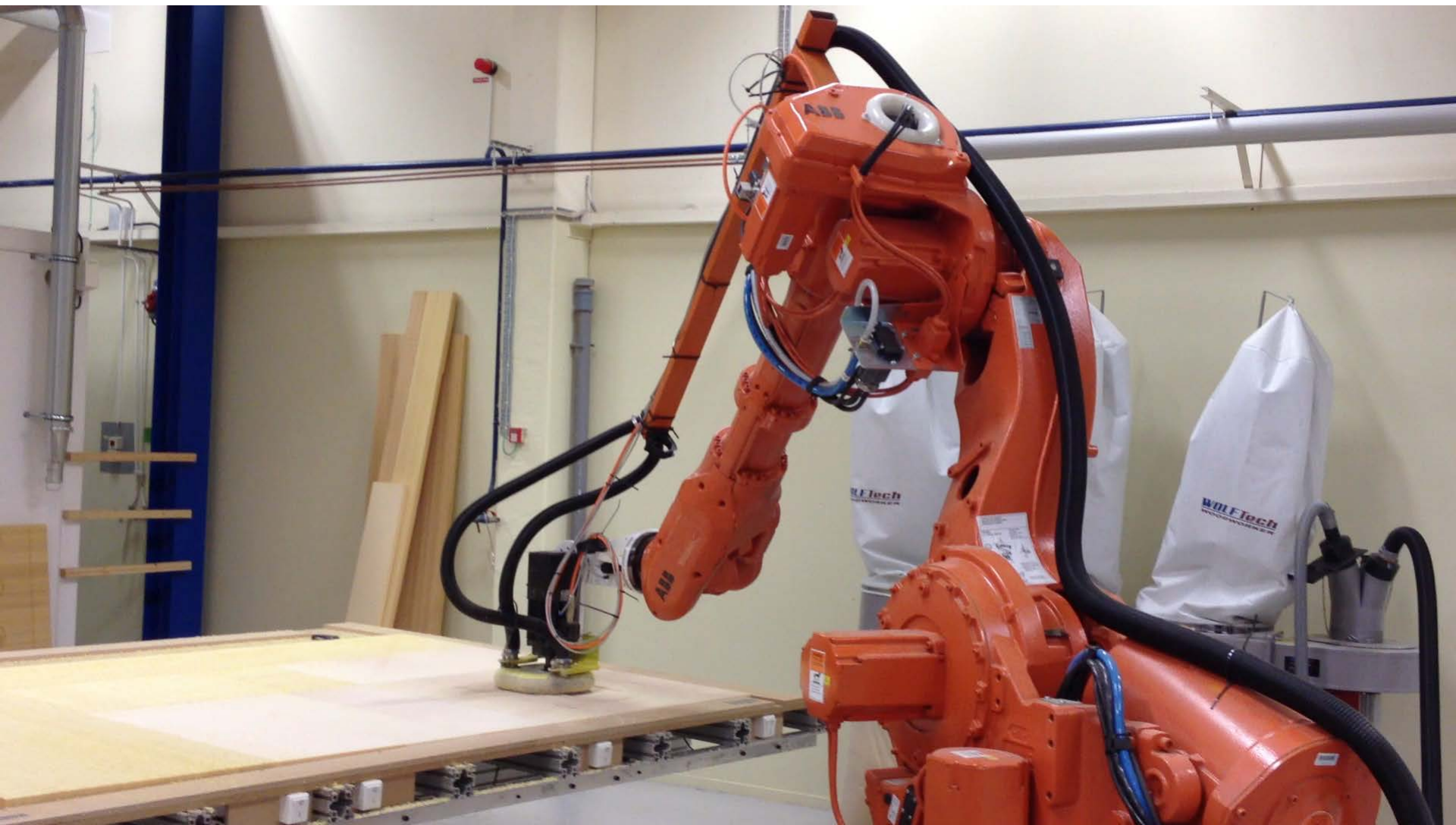








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We have to cooperate with:

- Inventors
- Researchers
- Endusers
- Colleges
- Competetors
- ...

We have the knowledge about:

- ways of cooperating
- working in trustfulness
- making relation ...

One have to give to get .. anything back



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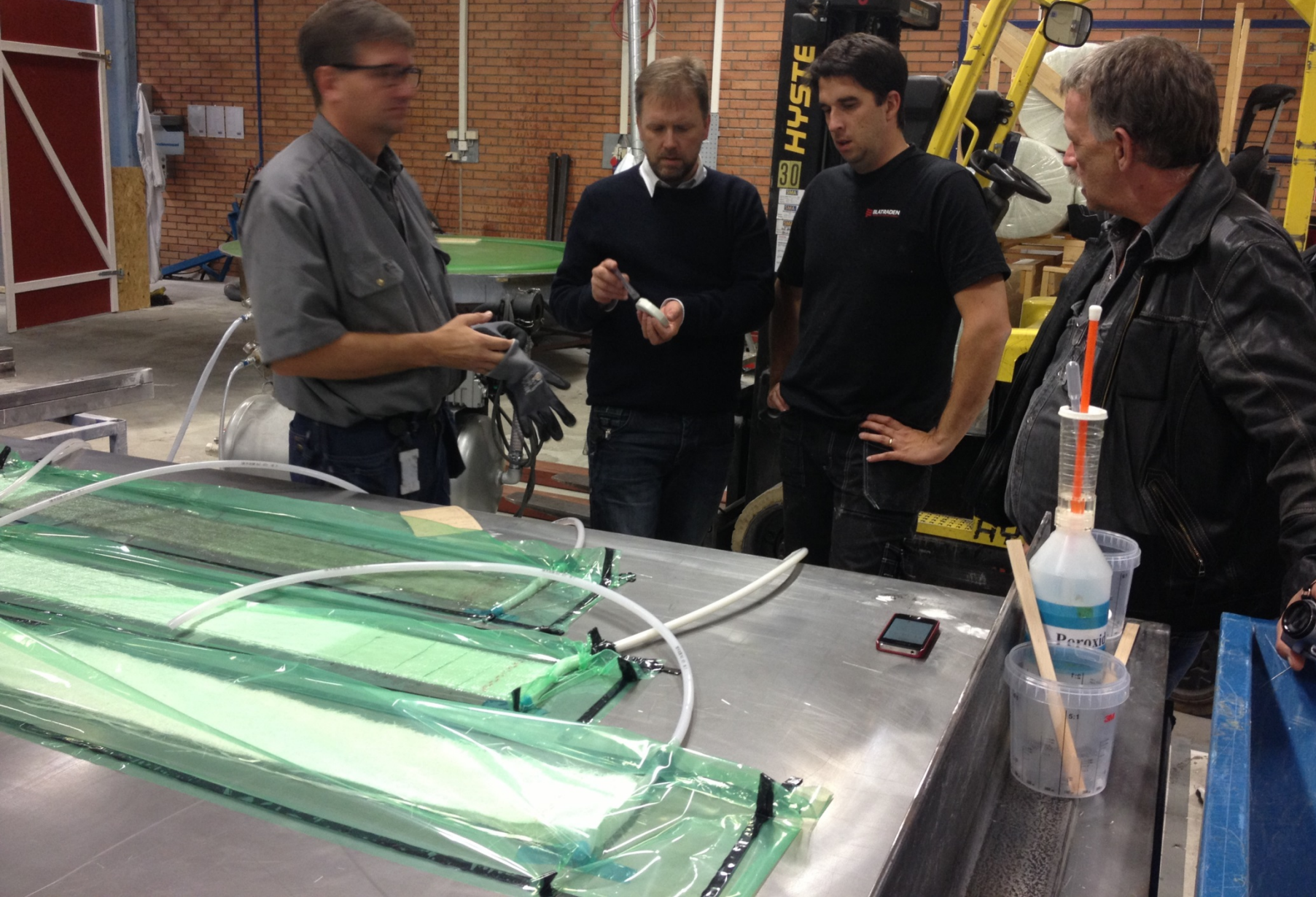




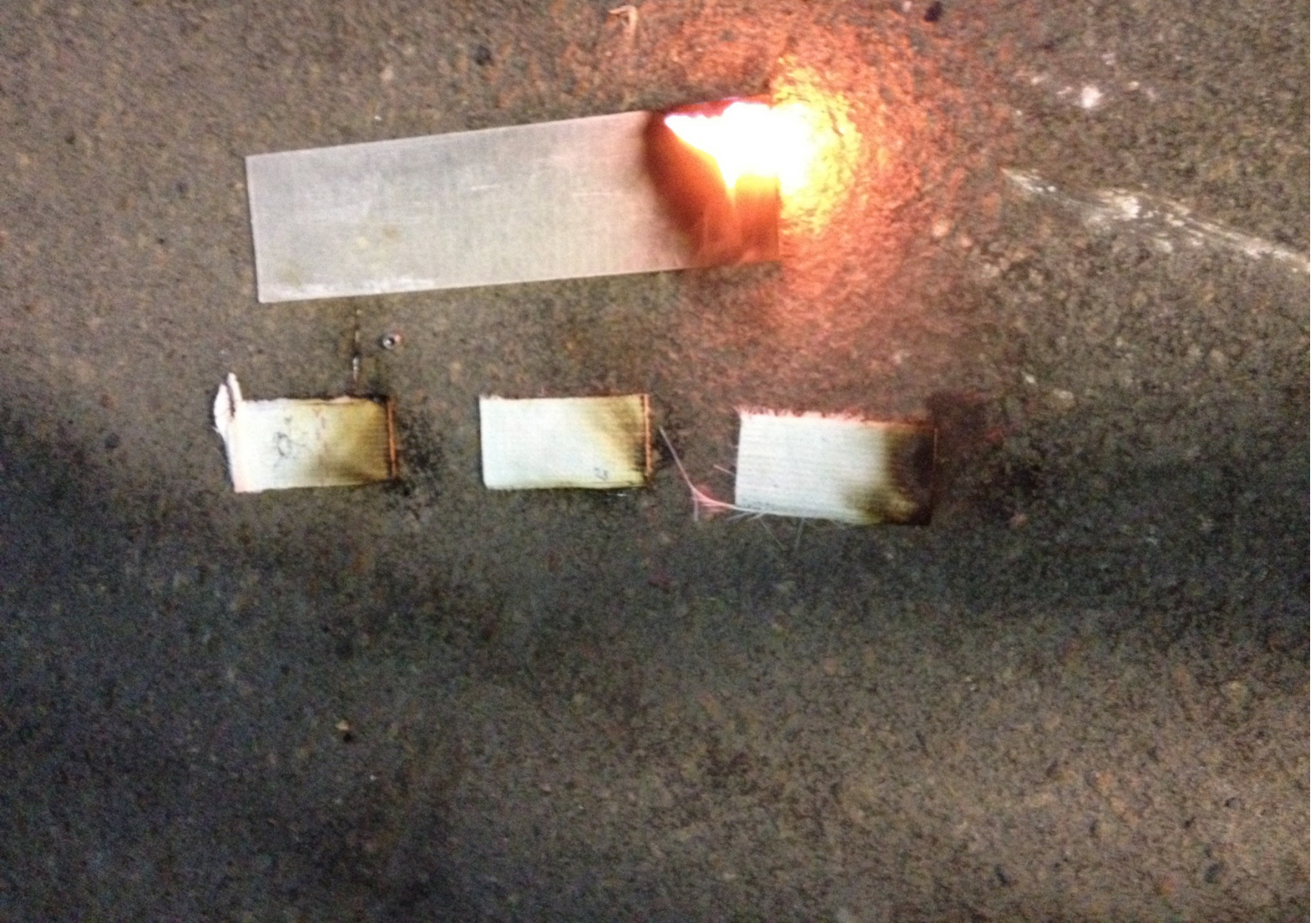
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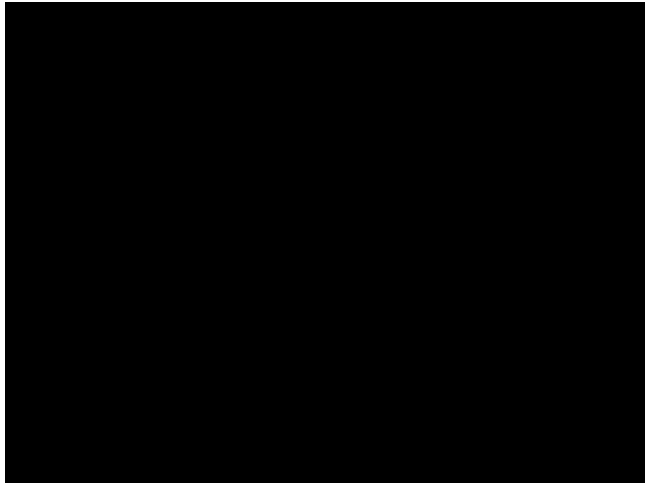




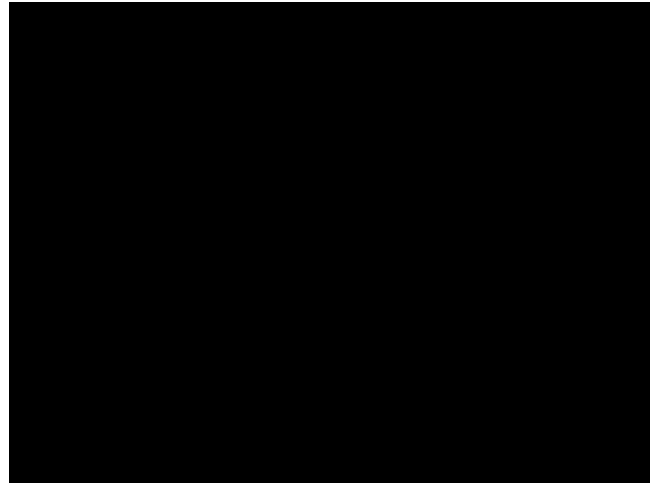


NCC/Furan Composite Foam Has Good Fire Retardant Properties

NCC/Furan Stiff Foam



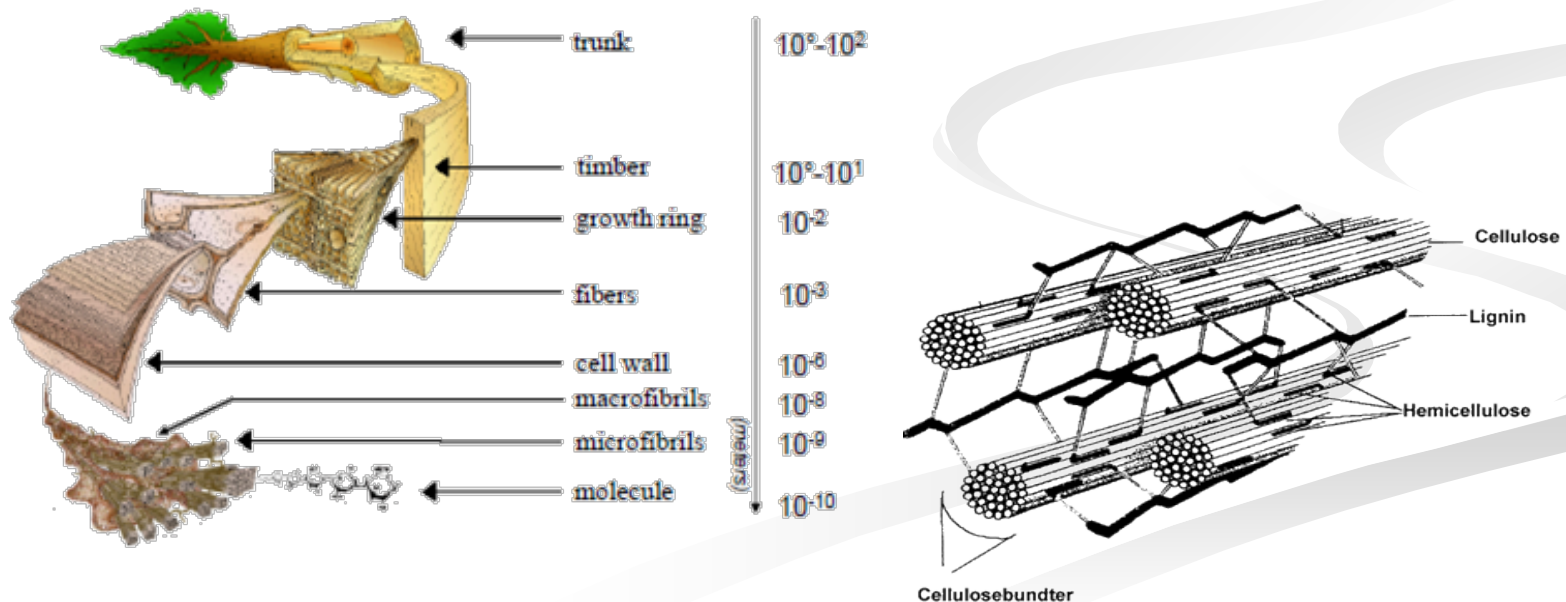
NCC/POLYESTER Stiff Foam



The Cellulose

- ❖ **Cellulose** – the most common organic biopolymer on earth
- ❖ **Ligno-cellulosic** material: cellulose, hemicellulose, lignin
- ❖ Ligno-cellulosic material creates the major source of renewable materials
- ❖ Forest and agricultural waste is our source

From trees to cellulose molecular level...



BIO BASED ECONOMY





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Fibre
Resin
Core
Aditive



SANDWICH COMPOSITE

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- ...

ISO 14001

CERTIFIKAT

SP är ett av SWEDAC ackrediterat organ för certifiering av miljöledningssystem
SP is a Certification Body, accredited by SWEDAC, for certification of environmental management systems



CERTIFICATE

nr/no. 5622 M

Härmed intygas att/This is to certify that:

BLATRADEN AB

har ett miljöledningssystem i gemensam certifiering som uppfyller kraven enligt SS-EN ISO 14001:2004 vad gäller:
has an environmental management system in common certification that fulfils the requirements of SS-EN ISO 14001:2004 with respect to:

Försäljning och produktion av produkter i fiberkomposit
Sales and production of products in fiber composite

Certifikatet är giltigt till och med 7 april 2016 och utfärdades ursprungligen 8 april 2013.
Kompletterande uppgifter finns på www.sp.se/certifiering.
This certificate is valid until and including 7 April, 2016 and was originally issued 8 April, 2013.
Additional details are provided at www.sp.se/certification.

Borås den 8 april 2013/8 April, 2013

SP Sveriges Tekniska Forskningsinstitut
SP Technical Research Institute of Sweden
Certifiering - Certification

Lennart Månsson



ISO 9001

CERTIFIKAT

SP är ett av SWEDAC ackrediterat organ för certifiering av ledningssystem för kvalitet
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