

Participants

18 participants for Denmark@CERN.

CNC-TEAM A/S

Company

Country Denmark
City Horsens
Street Venusvej 5A
Web <http://www.cnc-team.dk>



Contact

Name Jesper Fredlev
Role Manager



Description

We are subcontractors of metalparts.

We turn, mill and drill in our factory.

We have a wide cooperation with other organisations who provide cutting, welding, surface treatment and so on.

We are 22 employes and the company run 24 hours - 5 days a week.

Polyteknik AS

Company

Country	Denmark
City	Oestervraa
Street	Moellegade 21
Web	http://www.polyteknik.com



Contact

Name	Susanne Libergreen
Role	Area Sales Manager

Description

Polyteknik is providing thin film coating service and manufacturing of PVD systems. Deposition of metals, alloys, ceramics, oxides and nitrides by thin film coating technology. Ti coating of kicker chambers, Cr₂O₃ coating of plates and tubes, absorber coating, mirror/reflective coatings, special coatings upon request.

Marketplace Opportunities

EXPERTISE

Coatings

Polyteknik AS has more than 25 years of experience in thin film coatings. Polyteknik is very experienced in high tech customized thin film deposition solutions for customers and we have a niche of experience for solutions towards Accelerators, Synchrotrons and Fusion.

We are experienced depositing all types of metals, alloys, oxides and nitrides.

Coating solutions done for Science Market:

- Ti coating of ceramics - Plates, Kicker chambers, etc.
- Absorber coating
- SEY-lowering coating
- Mirror coatings - Au, Ag, Al, Pt, Rh, etc.
- Conductive coatings for sensors
- R&D coatings within different fields

Grundfos A/S

Company

Country	Denmark
City	Bjerringbro
Street	Martin Bachs Vej 3
Web	http://www.grundfos.com



Contact

Name	Nikolai Steffensen
Role	Sales Engineer



Description

Grundfos develops, produces and sells pump solutions, which help reduce water-related challenges globally. We create research and product development based solutions to meet growing demands of customers and the outside world for minimising the consumption of resources as well as the emission of CO₂.

Our solutions are used for heating, ventilation and air conditioning in buildings, and industrial purposes among other things. They are also used in the water supply, water treatment and waste water sectors.

To minimise energy consumption, several pumps are equipped with intelligent built-in electronics ensuring that the pumps provide no more no less than what is needed. Some of them are powered by solar energy.

An annual production of more than 17 million units positions the Grundfos Group as one of the world's largest pump manufacturers. The Group employs approximately 19,000 people located in companies in 56 countries.

The company was founded in 1945 and today the Poul Due Jensen Foundation is the main shareholder. Profits are re-invested in the company as a means of continued growth.

BB Electronics A/S

Company

Country Denmark
City Horsens
Street Ane Stauning Vej 21
Web <http://www.bbelectronics.dk>



Contact

Name Vilhelm Laursen
Role General Manager



Description

EMS - electronics manufacturing of complex PCBA product from SMT to finished box build products in small to medium volume.

Mark & Wedell

Company

Country	Denmark
City	Kvistgaard
Street	Oldenvej 5
Web	https://www.mark-wedell.com



Contact

Name	Torben Ekvall
Role	CEO



Description

From the mine to the processing plant, the university or the R&D department to the particle accelerator, Mark & Wedell develops and manufactures engineered solutions and offers sub-contracting services which meet customers needs for machines, measurement instruments, full system solutions and one-stop shop subcontracting and manufacturing services.

Mark & Wedell has since 1974 delivered engineered solutions for a wide variety of industries in 85+ countries such as mining, mineral processing and metals refining, power plants, fertilizer, cement, pharma/healthcare, food, oil & gas and Big Science.

Furthermore, customers use us as a sub-contractor and manufacturing partner when our well-equipped machine-, welding- and electrical workshops, engineering and quality control departments are required.

Reducing the need for internal project management and expensive and time-delaying interfaces to other sub-suppliers.

Bridging theory, engineering and application for 50 years

Kirkholm Maskiningeniør a/s

Company

Country	Denmark
City	Skanderborg
Street	Godthåbsvej 33, 1 sal
Web	http://www.kirkholm.dk



Contact

Name	Nicolai Tolstrup
Role	Partner /CSO



Description

- Kirkholm is a highend mechanical Engineering company.
- take complete development tasks on mechanical equipment.
 - we have supplied 8 adjustment mechanisms to Isolde.
 - We have highly skilled FEA / CFD and construction engineers
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Danish Technological Institute (DTI)

Company

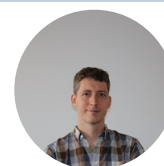
Country	Denmark
City	Taastrup
Street	
Web	https://www.dti.dk/



**DANISH
TECHNOLOGICAL
INSTITUTE**

Contact

Name	Jonas Okkels Birk
Role	Senior Specialist



Description

DTI is a non for profit company/RTO with with strong competences in both advanced manufacturing (AM and coatings) and material analysis (structural analysis, Stress analysis, analysis of chemcomposition etc). We have 1100 specialists and are both open standard production/analysis jobs, small specialized/unique jobs, and R&D project.

Marketplace Opportunities

EXPERTISE

Additive Manufacturing

We have 30 years of experience within Additive Manufacturing - from the development of prototypes and small series to the use of Additive Manufacturing as an integrated part of the production chain. We offer 3D-printed items in all kinds of material, from metal and plastic to ceramics and wax. In our modern laboratories in Aarhus, we have a wide variety of Additive Manufacturing technologies, so we can tailor a solution that perfectly fits your needs.

Se more at: <https://www.dti.dk/specialists/additive-manufacturing/40479>

EXPERTISE

Metallurgy and materials testing

At the Danish Technological Institute, we have many years of experience in performing a variety of metallurgical analysis and mechanical tests in our accredited laboratories. Our lab includes state-of-the-art analytical instruments such as SEM/EBSD and digital microscopes as well as programmable fatigues testing machines up to 1 MN, and we'll be happy to help you ensure and document the quality of your products.

See more at: <https://www.dti.dk/specialists/materials-testing-of-metal/42036>

See more at: <https://www.dti.dk/analysis-of-metals/42064>

See examples of prior analysis done for CERN: <https://www.dti.dk/specialists/materials-testing-of-metal/42036>

EXPERTISE

Coatings

For decades, our coating centre has developed and produced customized solutions for a range of demanding applications. Available coatings are based on advanced PVD and ion implantation technology. The production-scale equipment enables us to provide both standardized and tailored products to our national and international customers.

Examples of coating solutions provided to CERN is:

- Development and production of aluminum oxide coatings as electrically insulating layers used for the 11 T magnets.
- Production of electrically conductive, low-degassing molybdenum coatings for beam collimators in the HL-LHC upgrade.
- Production of Ti coatings on ceramic parts for tailored conductivity in RF cavities.
- R&D depositions related not only to the above solutions but also to other challenges.

EXPERTISE

Non-destructive material analysis

With x-ray- and neutron measurements, it is possible to obtain information on materials' inner structure, down to the micro- and nanometer scale. The measurements complement many of the classical lab-based analysis techniques and provide important insight, that can be used to improve product quality and reduce the time to market through optimization of the product development. The analyses can, in many cases, be performed non-destructively and in situ under relevant processing conditions. This applies to both hard materials such as metals, cement, and ceramics, and soft materials such as plastics.

DTI can for example examine:

- Stresses/strains in materials
- 3d structure of materials with resolutions down to about 10 nm.
- Trace element analysis
- Mapping of magnetic domains inside magnets
- Analysis of liquids and gasses flowing inside metal components

See more at: <https://www.dti.dk/specialists/material-analysis-with-x-rays-and-neutrons/41526>

VINK Plast

Company

Country	Denmark
City	Randers SØ
Street	Kristrup Engvej 9
Web	http://www.vink.dk



Contact

Name	Jan Busk
Role	Sales Manager Industry

Description

Vink Plast is the leading distributor of semifinished plastics and producer of finished parts in Denmark. Our production competencies are: Machining, Injection Moulding, 3D Printing and Vacuumforming. Our programme of plastics contain almost all thermoplastics and technical laminates. Our Business Development help our customers with projects and to choose the right material to the current application. Our company are certified according to DS/EN ISO 9001:2015 and DS/EN ISO 14001:2015.

Marketplace Opportunities

EXPERTISE

Sales manager

Vink Plast is supplier of plastic parts to a lot of different segments. The biggest is modern energy, food industry, industrial equipment and machinery. Apart from supplying plastic parts we are offering technical consultancy.

HST-Horsens Spån Teknik A/A

Company

Country	Denmark
City	løsnig
Street	ny kirkevej 2
Web	http://www.hst.dk

Contact

Name	Michael Henriksen
Role	owner

Description

subcontractor. for everything in metal and plastic from solid materials to cast items.

AF Pipe Solutions

Company

Country Denmark
City Soeborg
Street
Web <http://www.afpipes.com>



Contact

Name Chris Underwood
Role Director

Description

Production of double wall safety components , double wall piping, double wall heat exchangers

TECCLUSTER A/S

Company

Country	Denmark
City	Egtved
Street	Bavnehøj 201
Web	http://www.teccluster.com



Contact

Name	Per Lynnerup
Role	CEO



Description

Teccluster A/S was founded in 2003 and is a Scandinavian supplier of Engineering and 3D technology from leading market manufacturers. We provide everything in terms of 3D equipment from 3D printers, scanners and 3D software to machine material.

Our modern facility in DK - Kolding includes more than 2,000 km² of advanced machinery, including 5-axis milling machines and 3D technology. COMPANY OF THE YEAR 2014 AND EY NOMINEE 2015 We are further supplier of customised engineering solutions, and we practically conduct all kinds of tasks from rapid prototyping, high-precision machining, reverse engineering to development and design of scale models and manufacturing tools.

We have participated in numerous interesting and large-scale projects, for instance supplying parts for a space probe and developing a revolutionary 3D wound scanner. Our efforts have been awarded several times over the years, for instance as elected Company of the Year 2014 and as nominee for IT-Forum's EY Special Award.

Due to our long-term experience within 3D technology, we are able to quickly select the right technology, meeting your exact needs or those of your company. Contact us for more information.

Marketplace Opportunities

EXPERTISE

AM Technology 3D-Printers

Micro 3D-Printers

Danfysik A/S

Company

Country Denmark
City Taastrup
Street Gregersensvej 8
Web <http://www.danfysik.com>



DANFYSIK

Contact

Name Henning Bach Christensen
Role VP Sales & Marketing

Description

Manufacturer of Accelerator equipment

Weissenborn

Company

Country	Denmark
City	Vejle
Street	Sadelmagervej 20
Web	http://www.weissenborn.dk



Contact

Name	Peter Møller
Role	MD

Description

Weissenborn has delivered steel constructions since 2009. We supply both components and assembled solutions in steel, stainless steel and aluminium. We have high knowledge and skills in certified welding; our work is certified by Force Certification A/S and other authorities.

Jægerspris

Company

Country Denmark
City
Street
Web <http://www.jfv.dk>

Contact

Name Per Kristensen

Description

RE CAB

Company

Country Denmark
City Smørum
Street Hassellunden 14
Web <http://www.recab.com>



Contact

Name Brian Ulskov Sørensen
Role Managing Director



Description

Recab is a focused specialist company, providing High Performance Industrial Computer Systems (VMEbus, CompactPCI, MicroTCA, AdvancedTCA, 19" Servers, GPU, FPGA, ...) for demanding customers within Scientific & Industry. Recab also provide electronic development services (interface solutions, FPGA & VHDL, System Design, ...)

TekPartner A/S

Company

Country	Denmark
City	Herlev
Street	
Web	http://www.tekpartner.dk



Contact

Name	Zoran Velkoski
Role	Director, Global Business Relations



Description

We help create Tomorrow's amazing products.

Technology expertise when you need it. TekPartner is your one-stop product development partner. An end-to-end outsourcing service helping you to compete globally on quality, price and time to market.

Marketplace Opportunities

EXPERTISE

Engineering with a difference

We are here to listen to your needs and solve your challenges with smart people, technology and multidisciplinary thinking.

Hammel Plast

Company

Country	Denmark
City	Hammel
Street	Frankrigsvej 20
Web	http://www.hammoplast.dk

**HAMMEL
PLAST**

Contact

Name	Maja Oxholm
Role	CEO



Description

Hammel Plast provides technologies for injection moulding on a high-quality level. At Hammel Plast we often combine plastic and metal components to find complex solutions with our customers. We mainly produce in high performance polymers and process all type of metals, as steel, copper, alu, to more special metals as lead, titanium and tungsten.

Elektro-Isola A/S

Company

Country	Denmark
City	Vejle
Street	Grønlandsvej 197
Web	http://www.elektro-isola.dk



Contact

Name	Kasper Simonsen
Role	Business Development and Marketing Manager



Description

Since 1921, Elektro-Isola A/S has been producing and refining some of the best composite materials in the world. Today, our components make up a crucial part of the machinery in windmills, body scanners, the aviation and space industry, particle accelerators and other high-tech functions in global society.

But we can also make an e-scooter or an excavator arm move unhindered. Or we can help a bunch of innovative engineers with the prototype intended to make their vision come true. We are more than happy to accept professional challenges of the kind that nudges development and future in the right direction. In fact, the exciting thing about our composite materials is all the opportunities ahead of us. Perhaps you can spot them yourself. If not, we can look for them together. We are more than 150 specialised and experienced employees here at our family-owned factory in Vejle, and every year we deliver outstanding solutions to a large number of extremely satisfied customers. So we know what we are doing. We know how products and processes can be optimised. And we know that dedication is the basis for a perfect result.

Marketplace Opportunities

EXPERTISE

Dedication in Composites. For Elektro-Isola materials, innovation and quality are the basis for our continued development of worldclass materials and components

Since 1921, we have focused on delivering composite materials of the highest quality – a quality on which we never compromise. In addition to the development and production of our custom-produced materials, our high-tech machinery and production facilities are the key to delivering the perfect results that our customers expect. This, and to allow us to offer our customers the best at all time, is why we keep upgrading our machining facilities on an ongoing basis.

By using cutting-edge CNC-technology, our quality-conscious employees can machine sheets and tubes for any type of ready-to-install components. This is possible because we have one of the most innovative and modern production set-ups in the industry, which, combined with in-house

competencies in all parts of the value chain, enable us to handle any type of task: No task is too big, and we happily accept a challenge.

Our employees have many years of experience with us, and their knowledge and competencies have been acquired through many years in the industry. Hence, experience and dedication are key terms for us and something you will notice both during the advisory phase and when taking delivery of the final product.