

BigScience.dk & brokerage events

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Uddannelses- og Forskningsministeriet

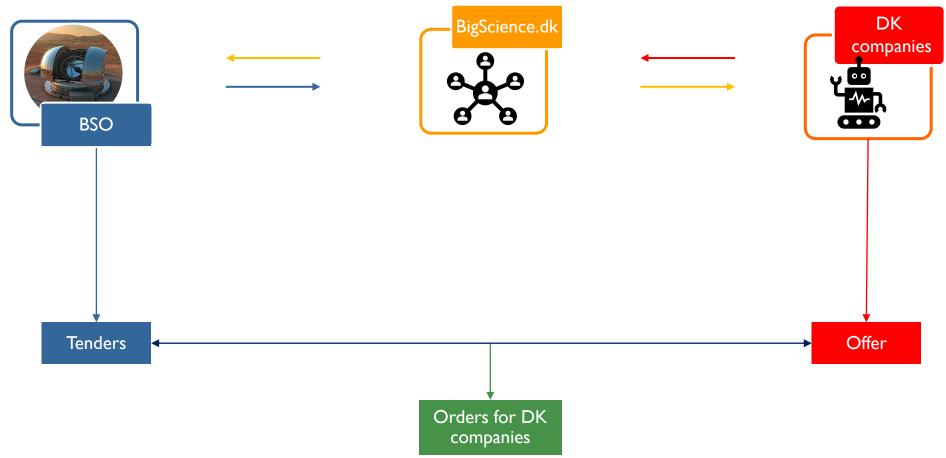
Styrelsen for Forskning og Uddannelse





Danmarks Tekniske Universitet

BigScience.dk – Link between Big Science Org and DK companies





2020: 10-year anniversary

BigScienc

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CERN

"As an ILO function / they punch well above their own weight"

Anders Unnervik, indkøbschef, CER.

CERN arbejder med grundforskning inden for partikelfysik ved studier af kolliderende højenergipartikelstråler. CERN finansieres af 20 medlemslande, der betaler et bidrag proportionelt med deres BNP. Med konstruktionen af LHC (Large Hadron Collider, operationel fra 2011) kan kollisioner mellem protoner eller blyioner med energier op til 7 tera-elektronvolt studeres. Partikler trækkes desuden ud i diverse andre testfaciliteter og bruges af besøgende forskere til studier af materialer og strukturer på atomart niveau og til kerneforskning.



<u>Interview med</u> <u>Anders Unnervik</u> indkøbschef, CERN CERN works with fundamental research within particle physics by studying colliding high-energy particle beams. The beams are directed to test facilities, where materials and structures on the atomic level are examined.

BigScience.dk-netværket

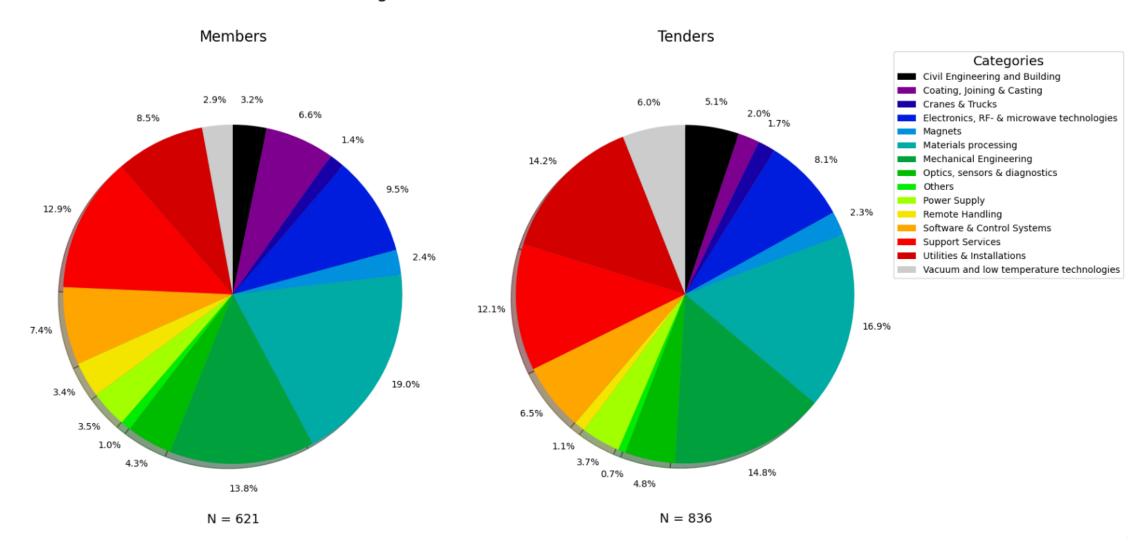
På kortet ses, hvordan medlemmerne er spredt i hele landet, og grafen viser netværkets vækst i perioden 2010-2020. Udviklingen er gået særligt hurtigt i årene med ekstra ressourcer 2013-2014 via Vækstmotorprojektet og i 2016 via Interregprojektet "ESS & MAX IV Crossborder Science and Society".





Match between BigScience.dk member's offers and demand

Categories across members and tenders



BigScience.dk and the role of Industrial Liaison Officer





Peter Frank ILO for ESO Network manager









Jonas Okkels Birk ILO for ILL



Arne Jensen ILO for ESS





















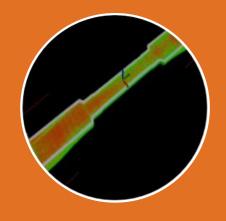






Suppliers for the **Big Science** market

BigScience.dk



Technologies from **Big Science** applied in industry



Analytical services for companies at **Big Science** facilities

DTI – Big Science Center

Best practices from organising RI events

Big Science Business Forum, International, Feb 2018

Worlds first industry fair on the Big Science market for suppliers

- ▶ 1037 participants from 530 companies from 29 countries
- ▶ **120** presentations of BSO procurement needs
- Survey:
 - ▶ 95% satisfaction
 - ▶ 98% would participate in future BSBF

Key ingredients for success:

- Political support (€)
- ▶ Buy-in from facilities (CONTENT)
- ► Engage ILOs (OUT-REACH)
 - Disseminated to ILO-fora at each BSO
 - Promotion at single-BSO supplier events



Materials from Big Science to Industry, National, Sep 2019

Pilot event on Technology Transfer

- ▶ **30 participants** few actual companies
- Presentations from CERN, ESA BIC, ITER
- **Examples from companies**

Evaluation:

- Good presentations (CONTENT)
- Poor engagement with companies (OUT-REACH)
 - ▶ Alignment with co-organisers



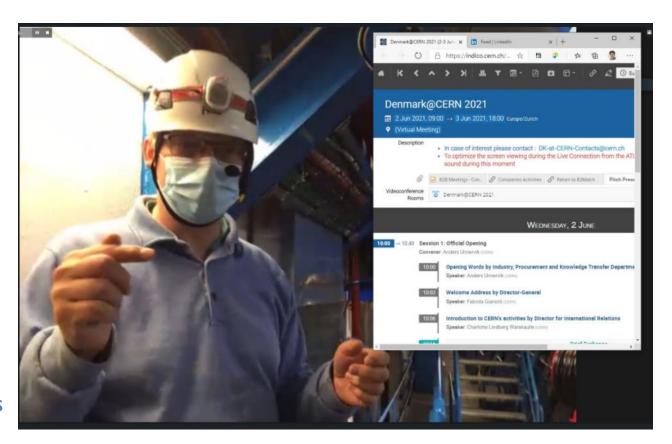
DK@CERN, National, June 2021

CERN standard event for suppliers

- "Brand recognition" organised every 2 years
- ▶ 17 companies participated in 2021
- Online event with:
 - general presentations
 - a tour (!)
 - ▶ B2C meetings

Evaluation:

- ▶ Feedback from companies ongoing...
- Excellent e-tools and support from CERN
- ▶ Improve pre-event interaction with companies



Use succes stories to promote events







