



NorTex Data Science Cluster

Background, Goals and Objectives

Background

- NorTex: Built on initiatives carried out by the Norwegian Consulate General in Houston, Innovation Norway, INTSOK, and the Norwegian-American Chamber of Commerce in Houston.
- To promote Research Collaboration between Norway and Texas
- The NorTex Petroleum Cluster has been active since the Transatlantic Science Week in 2012.
- In 2014, Jan E. Odegard (Rice University) developed a vision paper under the name NorTex Data Science Cluster.
- Project group established in 2015 by IRIS, University of Agder, GCE NODE, Rice University and University of Texas at Austin.
- Received funding from INTPART (International Partnerships for Excellent Education and Research) to establish the NorTex Data Science Cluster
 - INTPART is a collaboration between the Research Council of Norway and the Norwegian Centre for International Cooperation and Education





INTPART project : objectives

Initiate and expand collaboration on education and research between universities and industry in Norway and Texas.

Establish the **NorTex data Science Cluster** with sponsors and partners outside original consortium.

Strengthen collaborative network between industry and academia and develop models for technology transfer, innovation and entrepreneurship.

-Initial focus on **Offshore Drilling and Well Operations**.
 Ambition to expand to other areas such as Health, Urban Development and Education.

NorTex Data Science Cluster

A long-term international partnership between US and Norway within **data analytics and data science**.

Technological goals

- Improved data quality and accessibility:
Necessary to enable drilling automation.
- Increased value creation by more intelligent use of data from drilling and well operations.
- Accelerated innovation through shared use of research infrastructure in Norway and US.

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Education

- Facilitate education and knowledge sharing through better mobility for students and researchers.
- Facilitate summer schools and online courses on special topics.

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Collaboration

- Facilitate joint workshops/seminars
- Integrate relevant industry into the different university collaborations.
- Joint publications
- Create an arena for generating new research and innovation projects

- Web page coming soon. More information on gcnode.no/project/nortex-data-science-cluster/
<http://www.iris.no/nortex-data-science-cluster->
http://www.forskningsradet.no/About_INTPART
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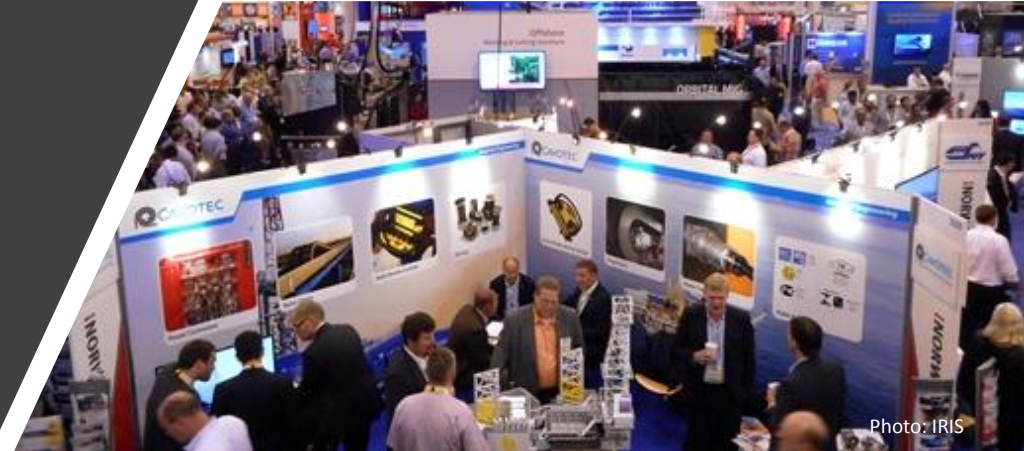
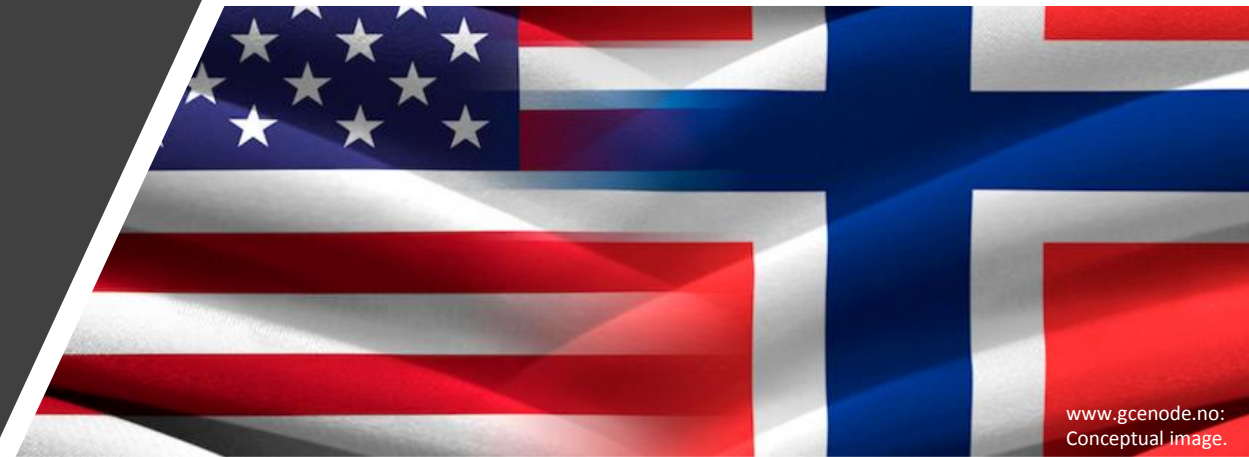


Photo: IRIS



www.gcnode.no:
Conceptual image.