

A grayscale photograph of a wind farm with several wind turbines in the foreground and background. The sky is overcast. The text 'CREADIS' is overlaid on the image, with the letters 'D' and 'I' highlighted in green and blue respectively. Below the text is a horizontal line with a green segment and a blue segment corresponding to the highlighted letters in the logo above.

C R E A D I S

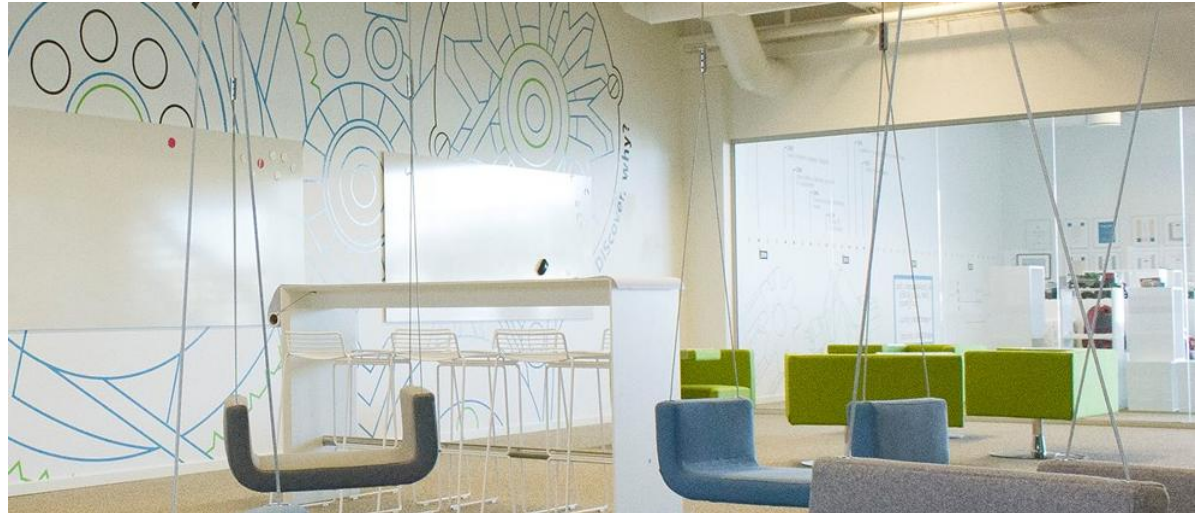
**Your External
R&D Department**

www.creadis.com

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ABOUT US

CREADIS Inc. converts engineering expertise into commercial solutions in the onshore and offshore wind energy sectors. We offer highly specialized engineering consulting services to help our clients design, build, improve, and manage complex systems and projects.

CREADIS possesses a full spectrum of engineering capabilities and operates across a broad variety of industries with a core competency in onshore and offshore wind energy. As a direct result of our high professional standards, our global clients have routinely saved money, expanded their strategic advantages, reduced safety risks, and strengthened their innovation portfolios.

CREADIS consists of seasoned professionals including automation, electrical, hardware, industrial, mechanical, and software engineers driven to solve intricate challenges through leading-edge technical solutions. We operate in key commercial centers throughout the United States and Europe, and can swiftly activate our employee network of over 450 international engineers and consultants to scale your organization with high predictability.



WIND ENERGY EXPERTISE

Our onshore and offshore wind energy expertise includes:



20+ years of global
experience



3 million + hours of
consulting



1,500+ delivered
projects

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MISSION VISION STATEMENT

Our mission: to embolden engineering innovation that enhances profitable growth, strengthens competitive advantage, and scales new business pathways.

Our vision: to enrich the engineering design that structures the core of digital, industrial, and renewable markets.



Cost-Savings



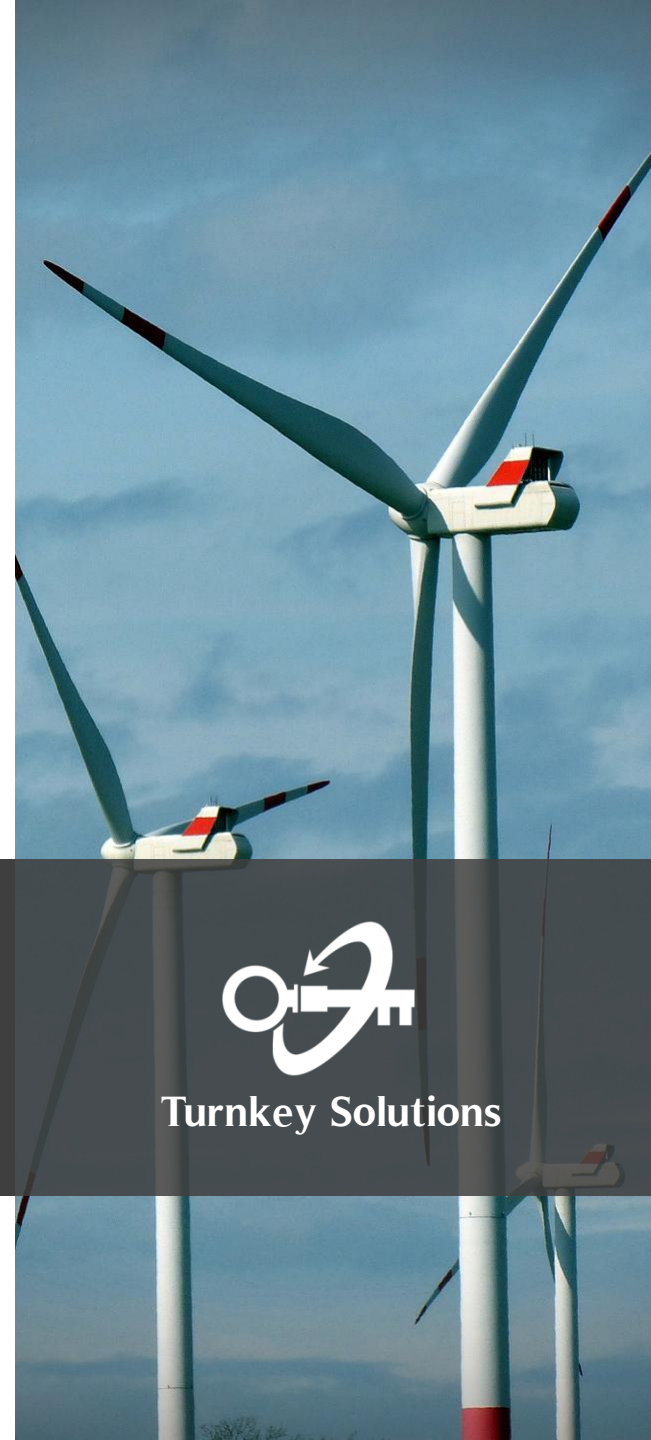
Performance



Specialization



Turnkey Solutions



OUR APPROACH

CORE VALUES

Our Approach:

- We uphold an exceptionally strong sense of accountability to our clients. We think and act like owners for every engagement and make sure powerful, measureable results underpin our performance.
- We act with speed and precision to solve our clients' engineering challenges in order to rapidly scale their commercial solutions.
- We utilize cross-disciplinary expertise to develop integrated engineering solutions – building upon our experience in product development, production equipment fabrication, business management and consultancy services to construct a wide range of possible solutions for a given challenge.
- We design different collaboration models to adapt to the specific needs of our clients - ranging from our engineers working at clients' offices to delivering turn-key solutions independently.

Core Values:



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ONSHORE WIND ENERGY

CREADIS Inc. converts engineering expertise into onshore wind commercial solutions. We offer highly specialized consulting services for developers, suppliers, contractors, financiers, and regulators in North American onshore wind energy.

CREADIS provides engineering technical due-diligence, reverse engineering, root cause analysis, load and control modeling programs that improve projects and machines through data and technology. As a direct result of our high professional standards, our onshore wind energy clients have routinely cut costs, expanded their strategic advantages, improved their service planning, reduced safety risks, and strengthened their innovation portfolios.



ONSHORE WIND ENERGY

SERVICES OFFERED:

We provide **technical due-diligence** services to....

- reduce costs on components and systems, construction, permit compliance, installation, and maintenance
- evaluate the commercial, economic, environmental, and technical realities of a project
- assess health and safety management systems and monitoring programs
- review operational requirements and project completion schedules

We provide **reverse engineering** services to...

- build customized test equipment such as lifting, material, and handling devices
- accumulate precision production documentation and master data

We provide **root cause analysis** services to...

- reveal primary drivers of unprofitability, unreliability, and maintenance costs
- discover weak points of structural components and devices
- create comparison models based on failure rates among turbines, components of different manufacturers, sites, and design
- prescribe countermeasures and alternatives based on overall conclusions and operating data

We provide **load and control modeling** services to:

- validate design function and generate reporting required for interconnection codes and grid operators
- run testing and model verification of projects to pinpoint possible concerns and make improvement recommendations
- optimize control software and control strategies



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OFFSHORE WIND ENERGY

CREADIS Inc. converts engineering expertise into offshore wind commercial solutions. We offer highly specialized consulting services for developers, suppliers, contractors, financiers, and regulators in North American offshore wind energy. We provide engineering services, supply chain evaluation, project management, and workforce education programs that help overcome the extreme environmental conditions, operating parameters, and equipment lifetime of offshore wind energy.

CREADIS provides engineering services, supply chain evaluation, project management, and workforce education programs that help overcome the extreme environmental conditions, operating parameters, and equipment lifetime of offshore wind energy. As a direct result of our high professional standards, our offshore wind energy clients have routinely cut costs, expanded their strategic advantages, improved their service planning, reduced safety risks, and strengthened their innovation portfolios.

CREADIS



OFFSHORE WIND ENERGY

SERVICES OFFERED:

Engineering services

- reduce costs on components and systems
- develop a new wind turbine platform or verify existing design
- complete structural design and analysis
- execute test campaigns
- build customized test equipment such as lifting, material, and handling devices
- transfer code, standards, and guidelines for American regulations
- accumulate precision production documentation and master data
- optimize control software and control strategies
- introduce software for wind farm monitoring and SCADA systems
- integrate power conversion systems
- utilize component and system-specific specialist knowledge

Project management

- support the end-to-end design, fabrication, installation, interconnection, operations, permitting, and maintenance of offshore wind projects, farms, and technological solutions

Supply chain evaluation

- evaluate visibility and consistency of data management
- analyze parts availability, impact sourcing, and procurement
- ensure performance, efficiency, and control of technology
- forecast estimated capital expenditure of project and/or tech solutions
- verify grid interconnection and market appetite

Workforce safety and education

- define health and safety management systems and improvement cycle
- monitor and audit safety operations
- establish training and education workshops



WIND TURBINE OEMs

CREADIS Inc. converts engineering expertise into commercial solutions for wind energy OEMs. We offer highly specialized engineering consulting services to help our clients design, build, and improve complex systems and projects. We provide services to R&D departments, engineering units, and production facilities of wind turbine OEM manufacturers.

As a direct result of our high professional standards, our global clients have routinely saved money, expanded their strategic advantages, reduced safety risks, and strengthened their innovation portfolios.

CORE SERVICES:

- Certification validation
- Design & engineering
- Documentation & quality process (incl. PDM)
- Environmental control (NVH, Lightning, Corrosion)
- Handling & logistics
- IPR (Tech & Platform)
- Project management
- Production and equipment
- Supply chain & cost Out
- System engineering



WIND TURBINE EXPERTISE

Auxiliary Equipment:

- Assembly rigs
- Logistics set up
- Port handling: lifting & loading equipment
- Transport equipment

Foundation:

- Jackets
- Floating foundation
- Monopiles

Blades:

- Cost out redesign & implementation
- Production equipment
- Production methods

Electrical Systems:

- Controller PCB & software
- Control system
- Converter software
- Converter systems
- Electrical system design
- Power systems
- Transformer / switch gear
- Safety systems



Hub:

- FEM
- Hydraulics
- Pitch control
- Power transfer

Towers:

- Cabling
- FEM
- Internals
- Tower design

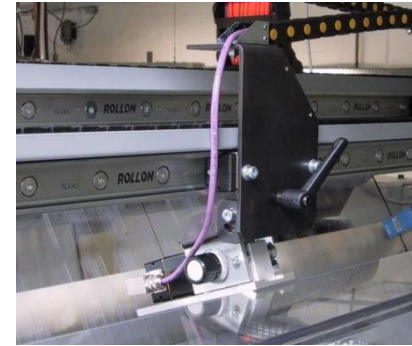
Loads & Controls:

- Control algorithms
- Load calculations & definitions
- Load reduction & strategies

Nacelle:

- Cooling & lubrication
- Drive train
- FEM
- Machine frame
- Nacelle components
- Yaw systems

MULTIDISCIPLINARY INDUSTRY EXPERTISE



Multidisciplinary industry expertise

CREADIS Inc. has the proven ability to use cross-industrial knowledge to boost engineering development.

EXECUTIVE BIOGRAPHIES



MOGENS HESS

President & CEO

Mogens Hess is President and CEO of CREADIS, Inc. where he directs the activities of senior-level management and oversees accountability for the firm's quality of work in the United States. Over the course of his extensive international career, Mr. Hess has worked on a wide variety of engineering projects in both developed and emerging countries in the defense and metal industry, water sector, and onshore and offshore wind energy.

Since 2007, he has served as Chairman of the Board of DIS (*Dansk IngeniørService A/S*), the parent company of CREADIS Inc., and one of the leading engineering consultancies in Denmark with more than 350 dedicated employees located throughout Europe and North America. He is also an investor and founder of several successful companies in Denmark including MH Investment & Trading ApS, Mogens Hess ApS, and Water Connexion A/S.

EXECUTIVE BIOGRAPHIES



TORBEN SCHELLER

Vice President & COO

Torben Scheller is Vice President and COO of CREADIS, Inc. where he directs the activities of senior-level management and oversees accountability for the firm's quality of work in the United States. Over the course of his extensive international career, Mr. Hess has worked on a wide variety of engineering projects in both developed and emerging countries in the defense and metal industry, water sector, and onshore and offshore wind energy.

Since 2007, he has served as Chairman of the Board of DIS (*Dansk IngeniørService A/S*), the parent company of CREADIS Inc., and one of the leading engineering consultancies in Denmark with more than 350 dedicated employees located throughout Europe and North America. He is also an investor and founder of several successful companies in Denmark including MH Investment & Trading ApS, Mogens Hess ApS, and Water Connexion A/S.

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