

The logo for SPiCA TECHNOLOGY features the word "SPiCA" in a white, bold, sans-serif font, with a stylized wind turbine icon in orange and white to its right. Below "SPiCA" is the word "TECHNOLOGY" in a smaller, white, all-caps, sans-serif font.

**SPiCA**   
TECHNOLOGY

**Advancing Wind Performance**



Company Brochure

# Company information

Spica Technology provides customized control solutions for the wind power industry. With 25+ years' experience within developing turbine control solutions, Spica Technology is dedicated towards advancing wind performance through design, optimization and retrofit of turbine control systems.

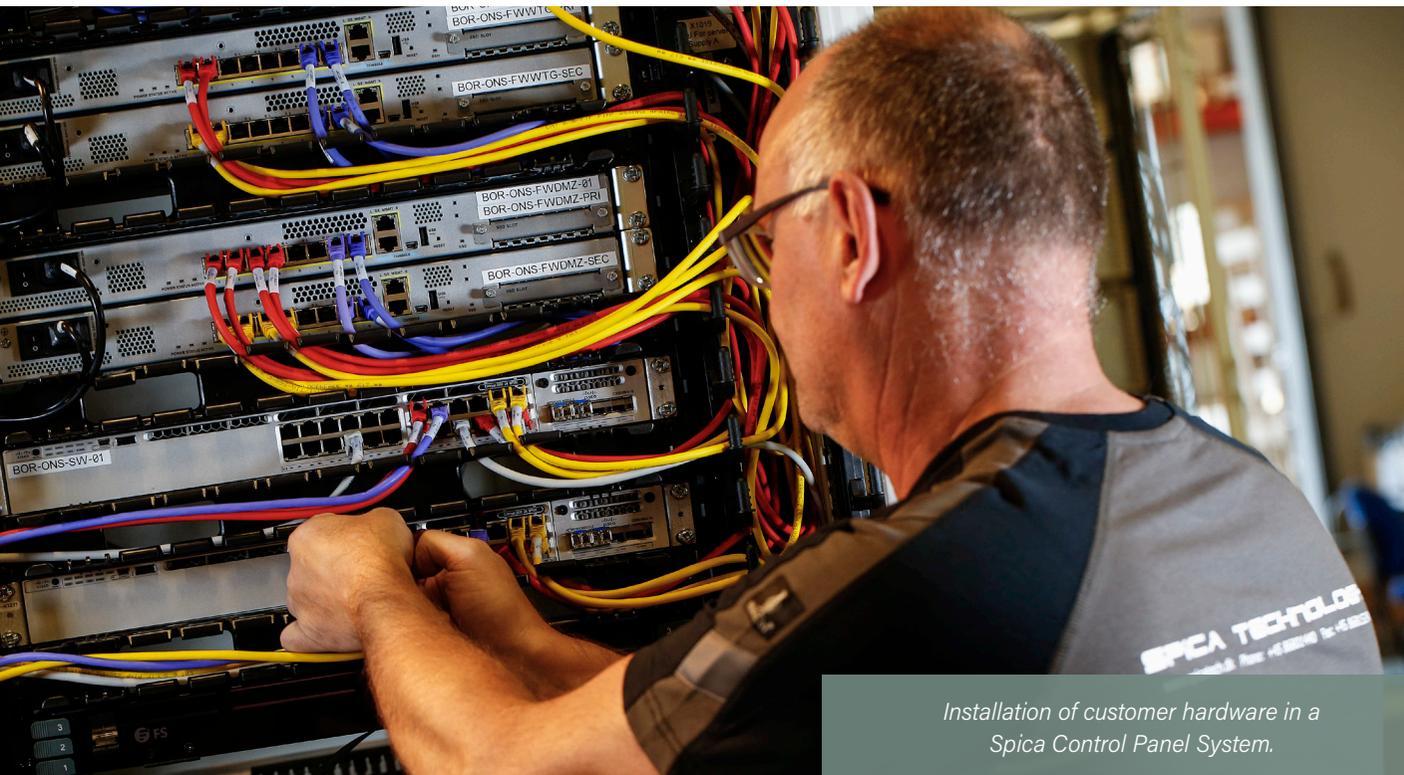
Our company is run by a team of specialists, that actively have been involved with the development of turbine control solutions since the early days of the wind power industry. With other words, we dare to say, that we are pioneers when it comes to developing and creating new standards within control solutions towards wind turbines.

This has given us the unique position as a manufacturer of state-of-the-art control system solutions for Developers, OEM's, Service Suppliers and Engineering Companies on a world-wide scale.

The advantage of working with Spica Technology is that we not only design & develop customized control solutions, but as well offer a full production & supply chain solution after handover, and that our customers can test own hardware-in-the-loop at our facility, guided by our team.

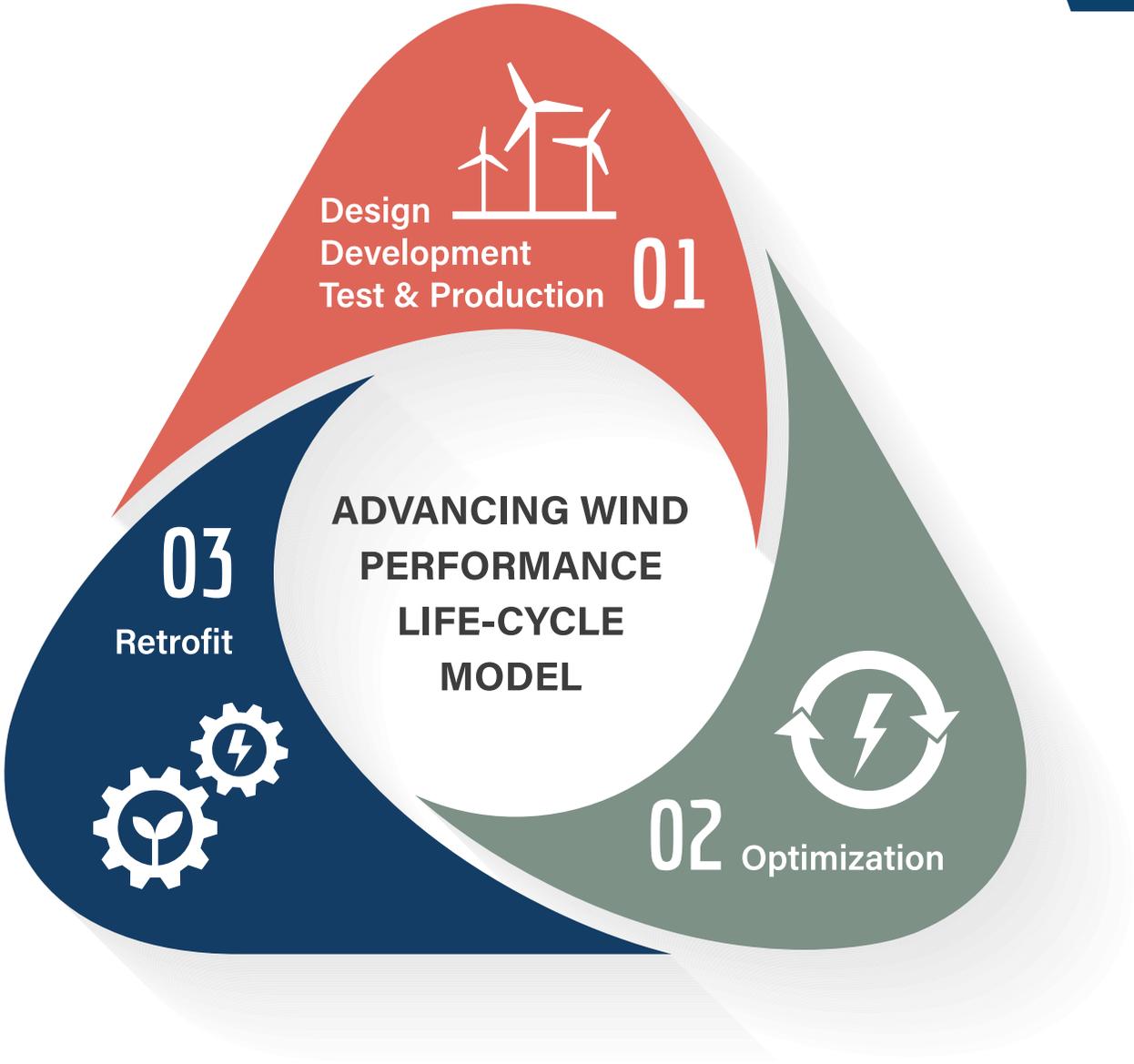
Apart from customized control systems that dominate our business, our great experience in the field has also led to the development of a range of our own quality products, that used with our control systems gives turbine owners maximum value and availability.

As a contributor to an industry that enhances sustainable energy and sustainable goals, it is one of our main goals to continuously develop better technology within control solutions, so that wind turbine performance continuously is advanced. Therefore, we at Spica Technology not only believe in delivering customized control solutions but urge to optimize and retrofit older turbines as well, to extend their lifetime as much as possible, get full advantage of their capacity and keep environmental impacts minimal.



*Installation of customer hardware in a Spica Control Panel System.*

# Advancing Wind Performance



## 1 Wind turbine design, development, test and production

We advance wind performance through state-of-the-art control systems, that have been developed since the beginning of the wind power industry. From initial request, throughout design, test, and delivery we supply the customer with the exact solutions they need, based on their data material.

## 2 Wind turbine optimization

At times new advanced technology is developed, that makes it possible to optimize fully functional turbines. Often with a goal towards gaining more data, better performance, remote access, and availability.

## 3 Wind turbine life extension

We believe in that it pays off, to retrofit and life-extend older wind turbines. We have developed a line of products that combined with the Spica Retrofit Controller & Software, makes it possible for old turbines to run on a advanced control system, similar to new turbines. Hereby getting a better availability, a reduces need for repairs and ultimately an enhanced turn-over for park owners.

# Our Vision



## Towards a better future

At Spica Technology we invest in a better future, within areas where we can contribute in the best way. Our mission is to advance wind performance, with a vision that it creates cleaner and more affordable energy through wind power. Not only by providing solutions towards new wind farms, but also through optimization and life-extension of older turbines.

To ensure, that we can continue to support this vision, we find it important to pass on our knowledge to younger generations, through specific educational programs that combines the newest standards within electronics and turbine control technology. With over 25 years experience in the field, we ensure that our knowledge will be passed on through our own educational programs, to contribute to a future with clean energy.

Through our vision, Spica has been awarded the Dansih price "Successful Company" (2020 & 2021), due to our contribution to local and national growth. By advancing wind performance, we contribute to the wind industry, and a sustainable economic growth not only nationally but also globally.

**4** QUALITY  
EDUCATION



**7** AFFORDABLE AND  
CLEAN ENERGY



**8** DECENT WORK AND  
ECONOMIC GROWTH



# Solutions



1

**Design & Product Development**  
Customized controller solutions



2

**Hardware in the loop**  
Real-time testing solutions for complex embedded systems, in-house



3

**Production & Supply Chain Solutions**  
Expand production capacity with external supply chain solutions



4

**Controller Retrofit**  
Extended life-time of older wind turbines with a sustainable controller optimization.

# References

**Vestas**

**bachmann.**

**LEINE LINDE  
SYSTEMS**

**NORDEX**  
We've got the power.

**SIEMENS Gamesa**  
RENEWABLE ENERGY

**EnergieKontor**

**Ørsted**

**SUZLON**

**edf**  
ENERGY

# Greetings from Spica



“

*With Spica Technology you have a reliable solution provider. For us it is important to not only deliver what is asked, but what is actually needed to create the best results.*

”

**Benny & Anders - Owners**



[www.spicatech.dk](http://www.spicatech.dk)  
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