



MADE IN TURKEY: WORLD-LEADING WIND TURBINE BLADE TECHNOLOGY

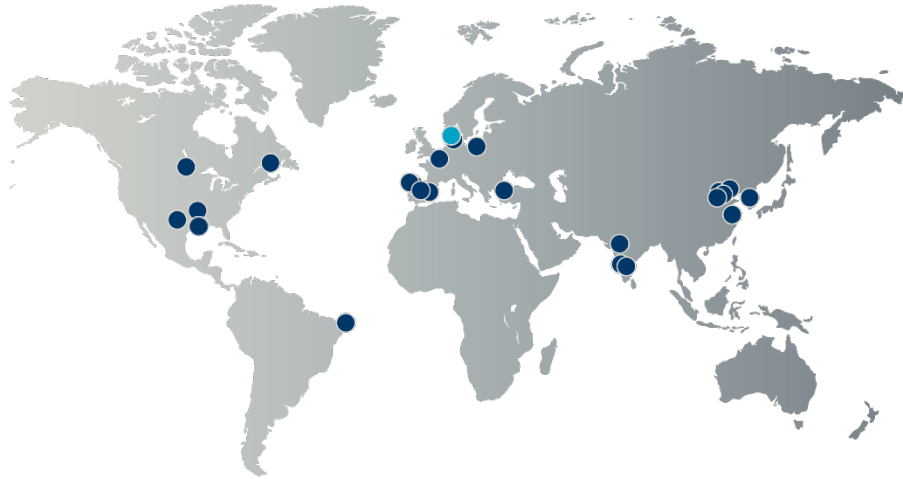
Izmir Wind Symposium | October 4, 2019

By Ozan Mamay, LM Wind Power Bergama Plant Director

AGENDA

- 1. Introduction to LM Wind Power, a GE Renewable Energy business**
- 2. Investing in Turkey**
- 3. Revolutionary blade technology**

Global presence seeds local growth



Headquarters
Kolding, Denmark



Factories and service locations
Brazil, Canada, China, Denmark, France,
India, Poland, Spain, USA, Turkey



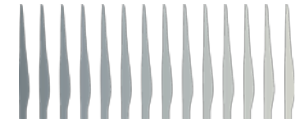
15 blade
factories



13,998 people
worldwide



1/5 turbines in the world
have LM Wind Power blades



10,979 blades produced
in 2018

One team, one process, one blade.
When we manufacture blades, we work as
one team. Wherever our blades are
produced, the philosophy, process and
quality remain the same.

Investing in Turkey



Strong teams are diverse teams – currently 25% of Bergama employees are women

LM Wind Power, Bergama

- » \$50 million investment in Turkey to open plant in July 2017
- » \$30 million investment in 2019 to extend facility
- » 500+ blades built, 63.7 meters in length
- » 600 employees – will reach more than 700 in 2020

Investing in the local community

- » **Creating jobs:** 90% of Bergama plant employees come from Bergama
- » **Partnering with local government and community organizations**
 - » “LM Wind Power is one of the main factories we have in the city and we are happy they will support Bergama Belediyespor’s work with young people to increase their interest in sports” - Mehmet Gönenç, Mayor of Bergama:



We are proud to be the main sponsor of Bergama’s Belediyespor sports team

Investing in people

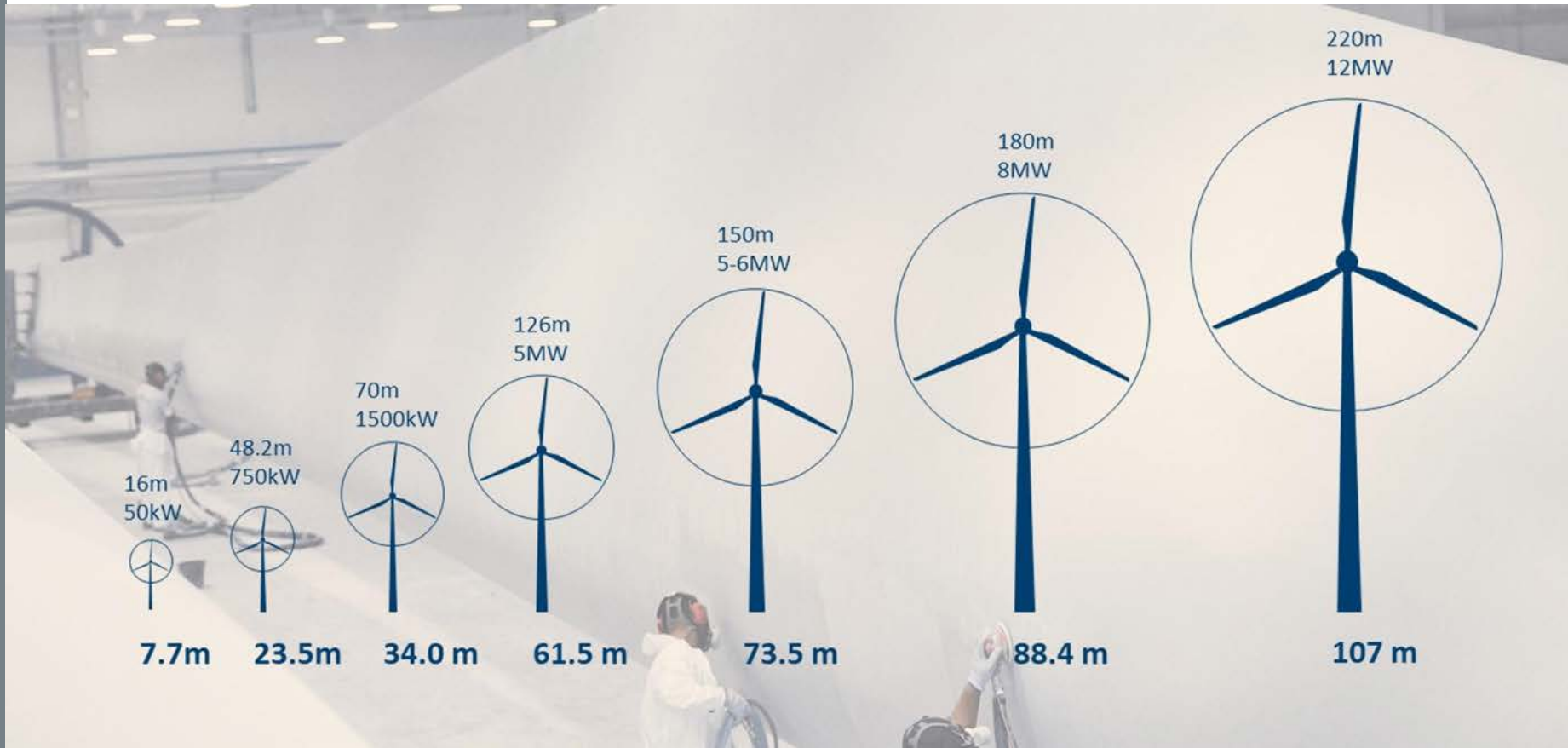
- » Investing in training and development is key to building high-quality wind turbine blades
- » Every employee receives **six weeks** of practical and theoretical training in our 'Center of Excellence'. Employees even travel to other LM Wind Power factories worldwide to learn from experts



Bergama plant milestones



Revolutionary blade technology



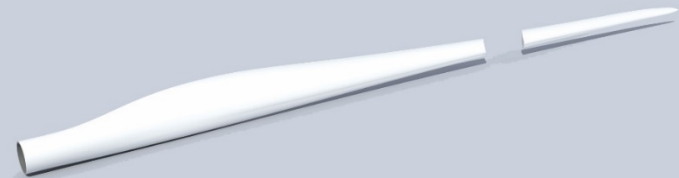
3 things you should know about GE's Cypress Platform

- 1** GE's Largest Onshore wind turbine in operation
- 2** Produces power at a rated level of **5.3MW**
- 3** Drives down **LCOE** with a **flexible platform**

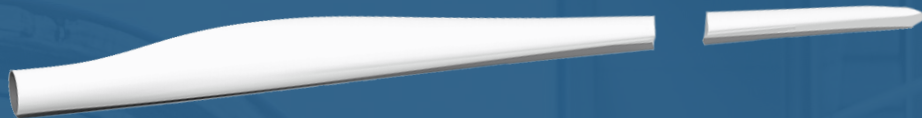


INTRODUCING THE
5.3-158 MW

Featuring an innovative carbon two-piece blade design by LM Wind Power, to be produced in Bergama!



Two-piece blades, made in Turkey!



Partnership with **GE Onshore Wind**, **LM Wind Power** and **GE Global Research**

High-tech **carbon** material

Proven design, with a disruptive design process **provides the flexibility** to address customers' demands

Simplifies logistics to site locations that were previously inaccessible, reducing costs

Onsite blade assembly

Blade tips offer **greater flexibility** to address site wind conditions and requirements

Thank you for your time!

LM WIND
POWER
a GE Renewable Energy business

