



Oi-X

Connecting students and corporations

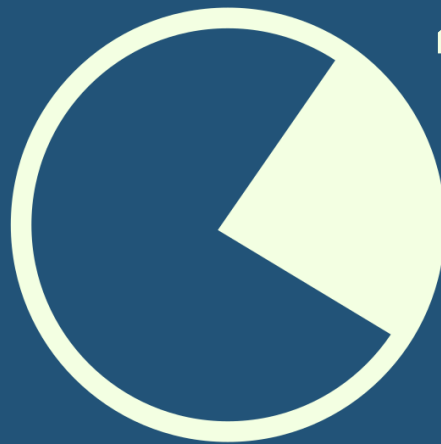
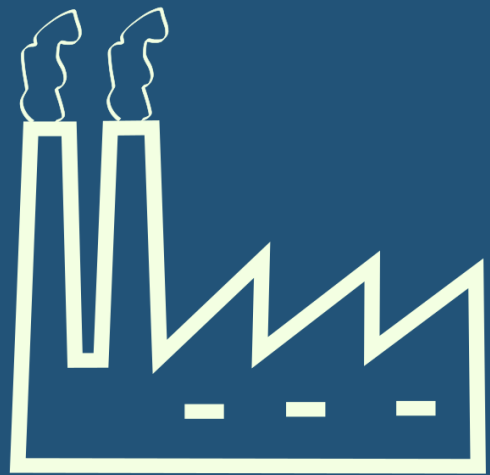
A large, stylized graphic of a wind turbine is positioned on the right side of the image. The turbine is white with three blades. The blade closest to the viewer has the text 'Breaking Wind' written on it in a bold, blue, sans-serif font.

Breaking Wind

Wind Farm Challenge

by Anemo Analytics

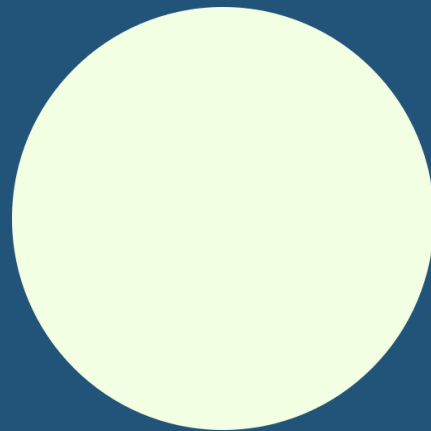
How Renewable can we go?



27%



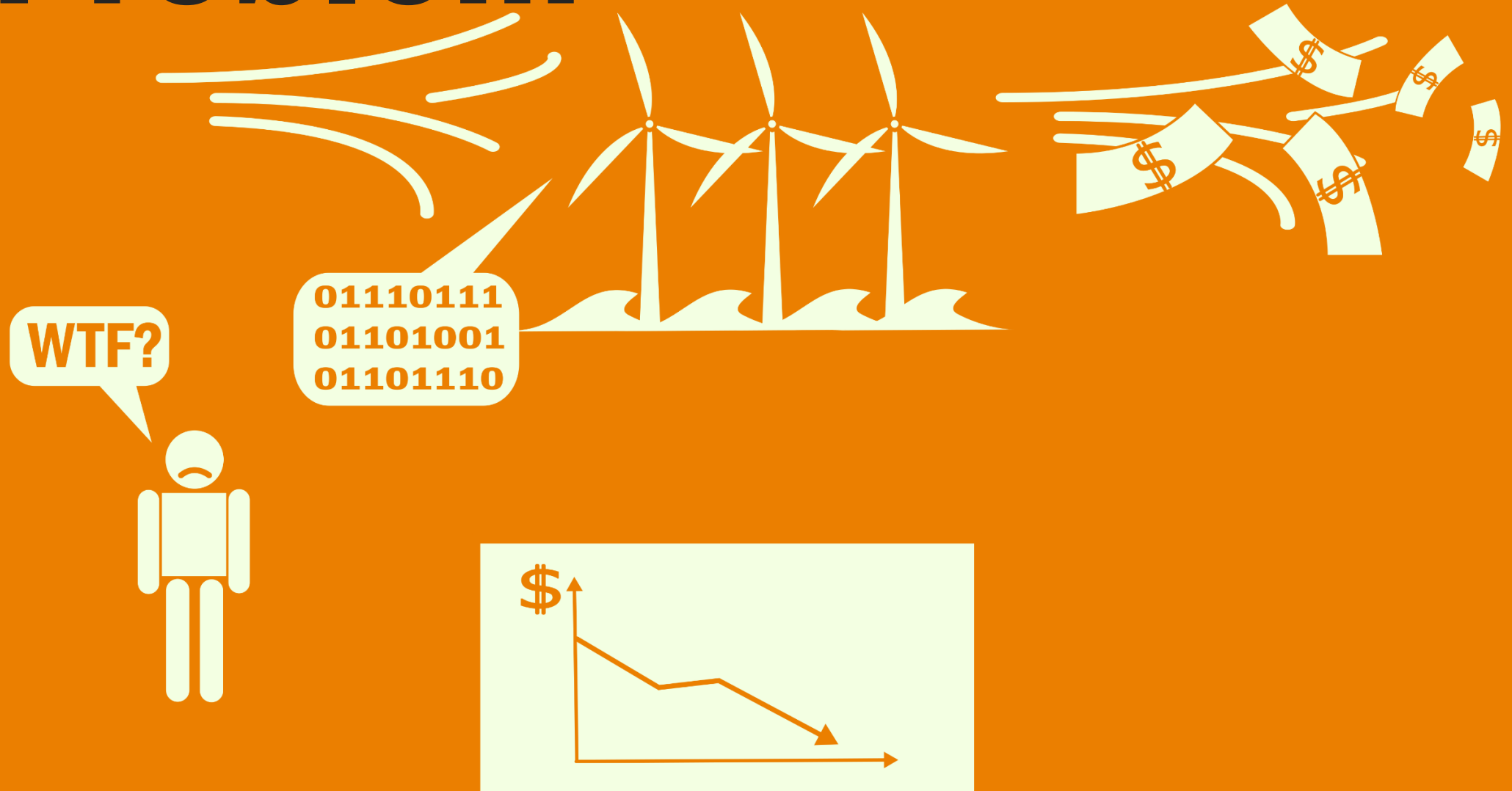
How Renewable can we go?



100%



The Problem



The Solution

Translate

WindFarmese

Detect language



Good Decisions

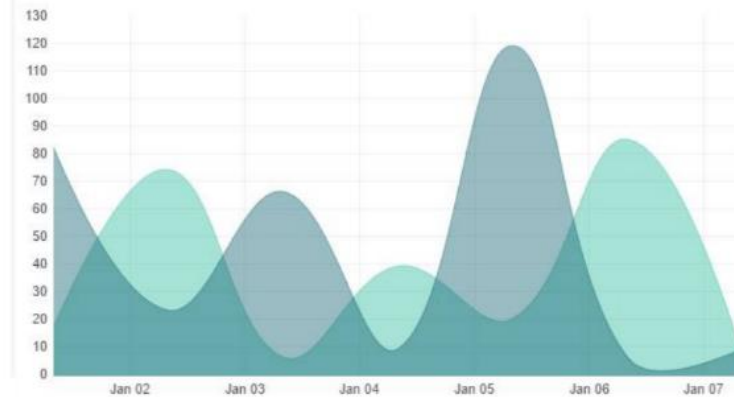
Translate

Turbine Data, Market Data,
Real Weather, Weather Predictions

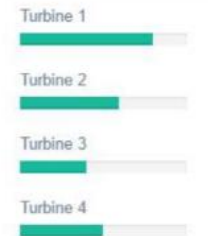


Wind farm 1

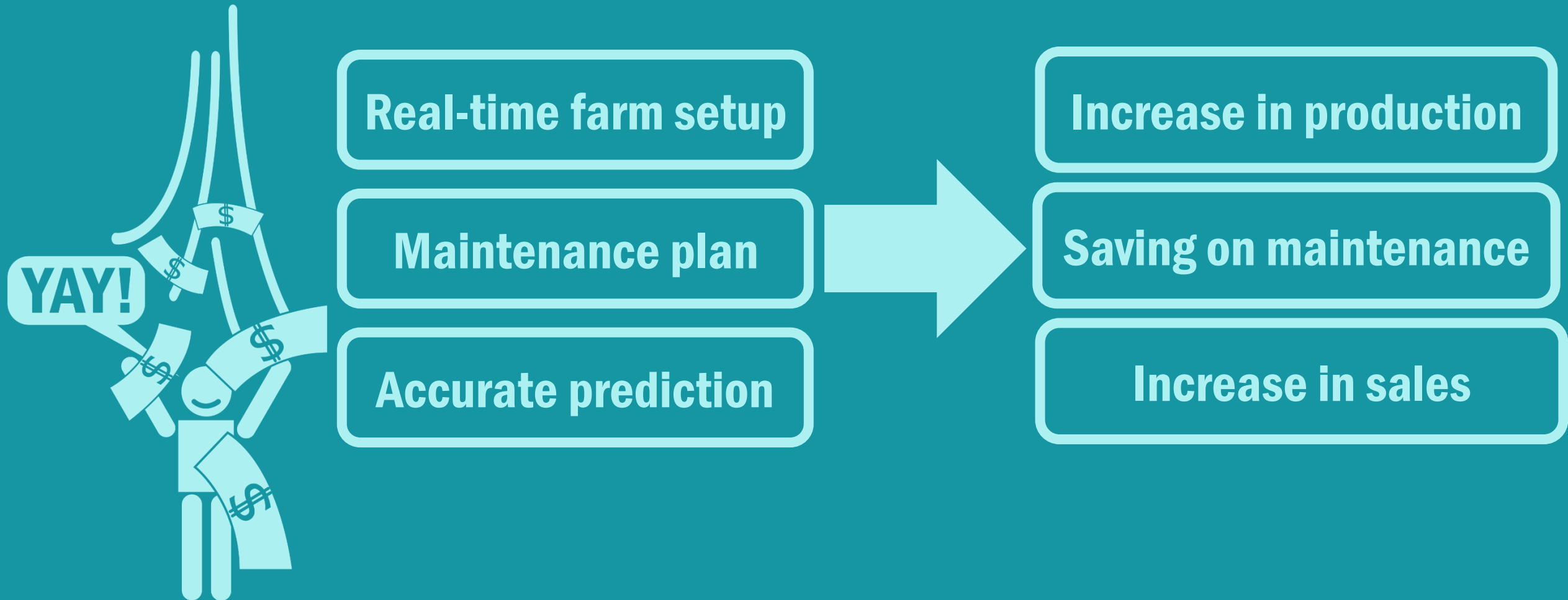
October 7, 2016 - November 5, 2016



Performance



The Solution

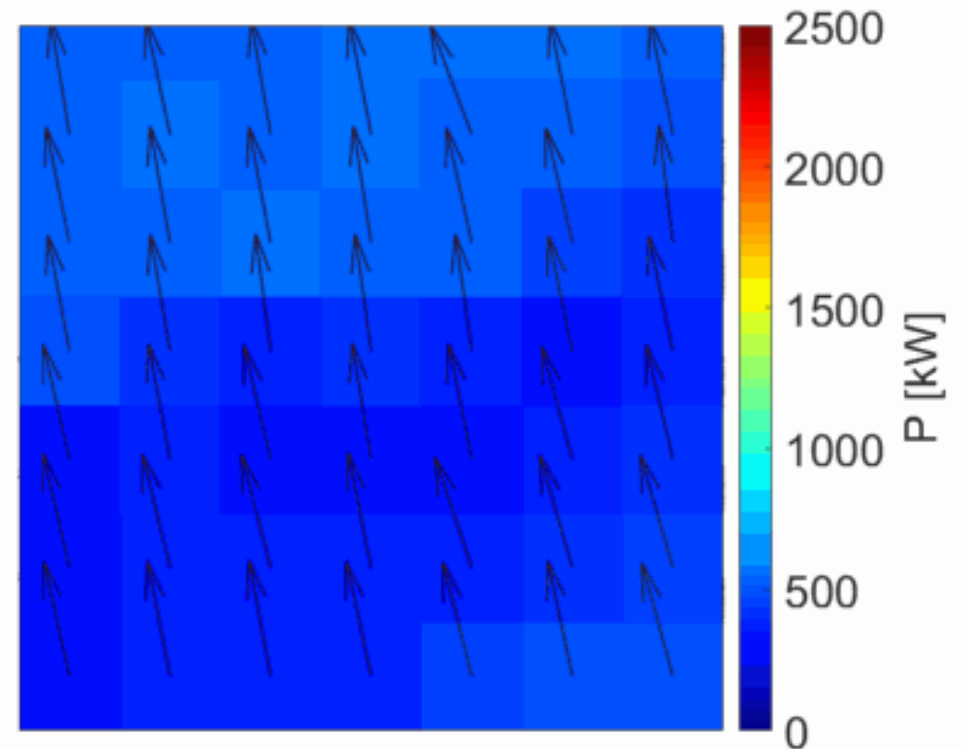
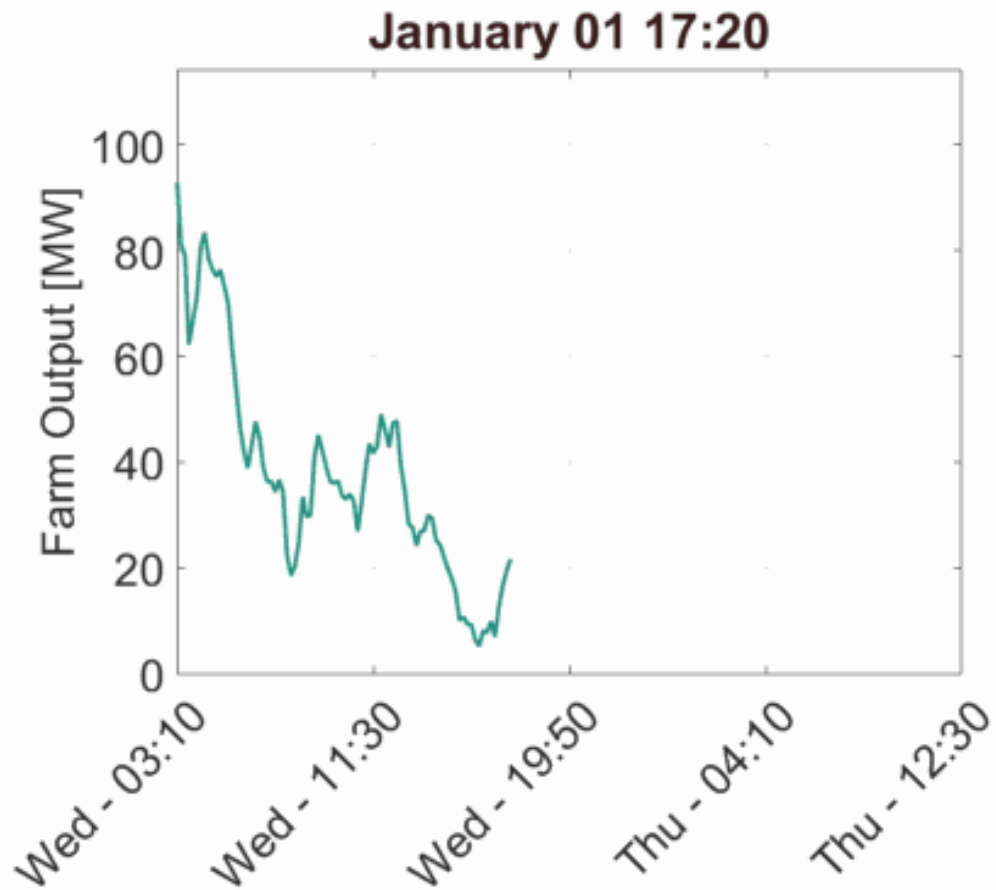


Website Demo

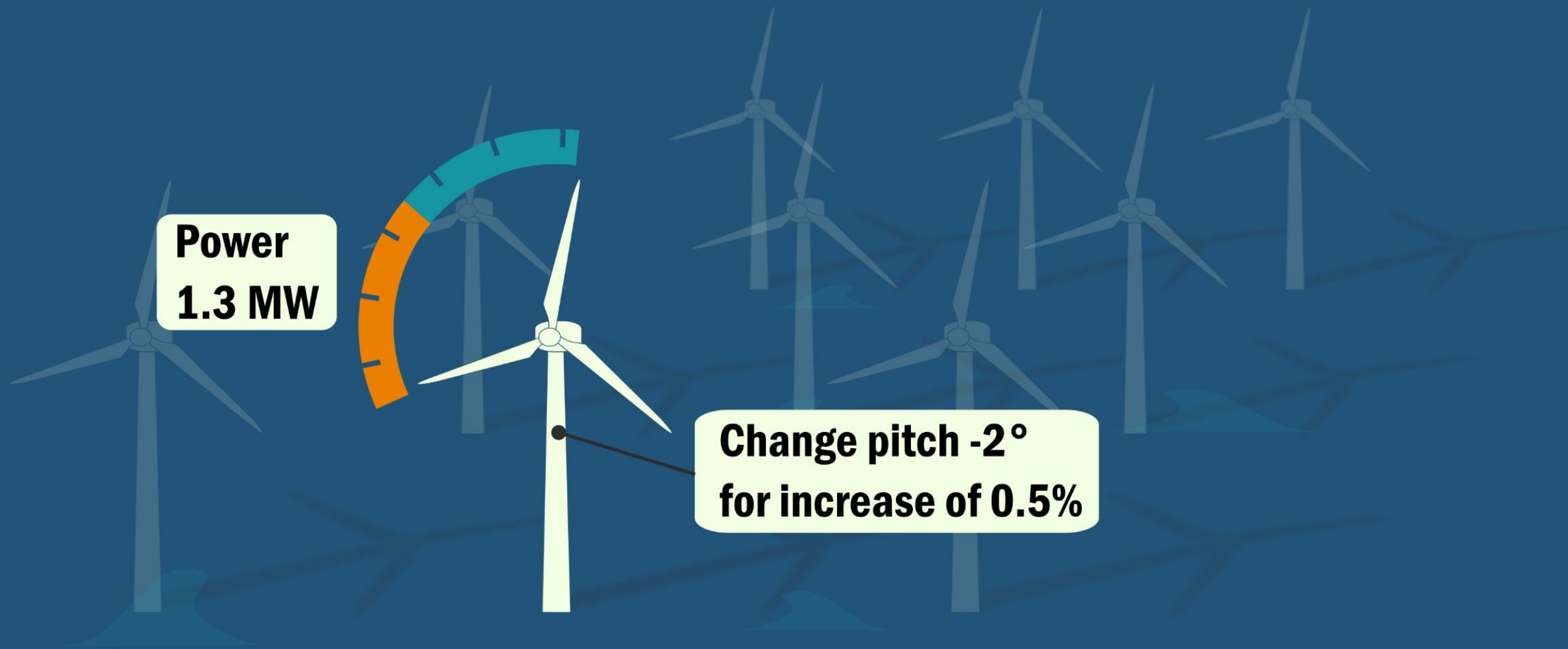


Real-time monitoring

Wind farm power layout

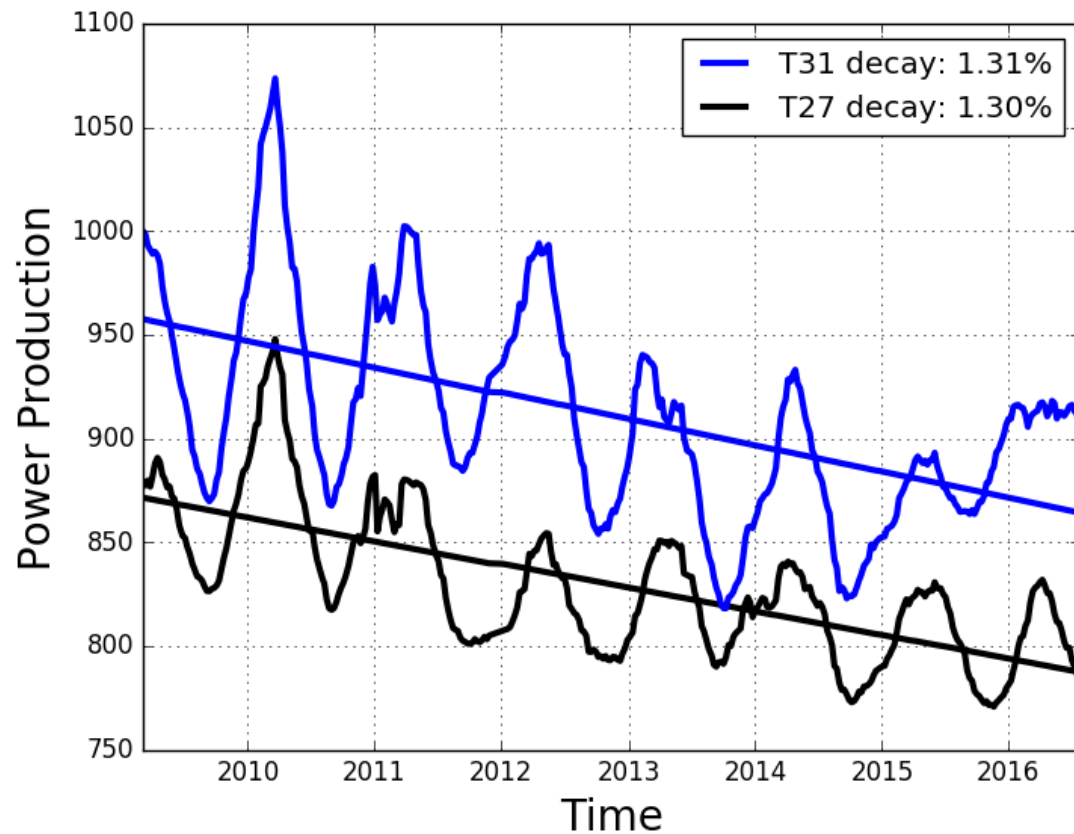


Real-time monitoring

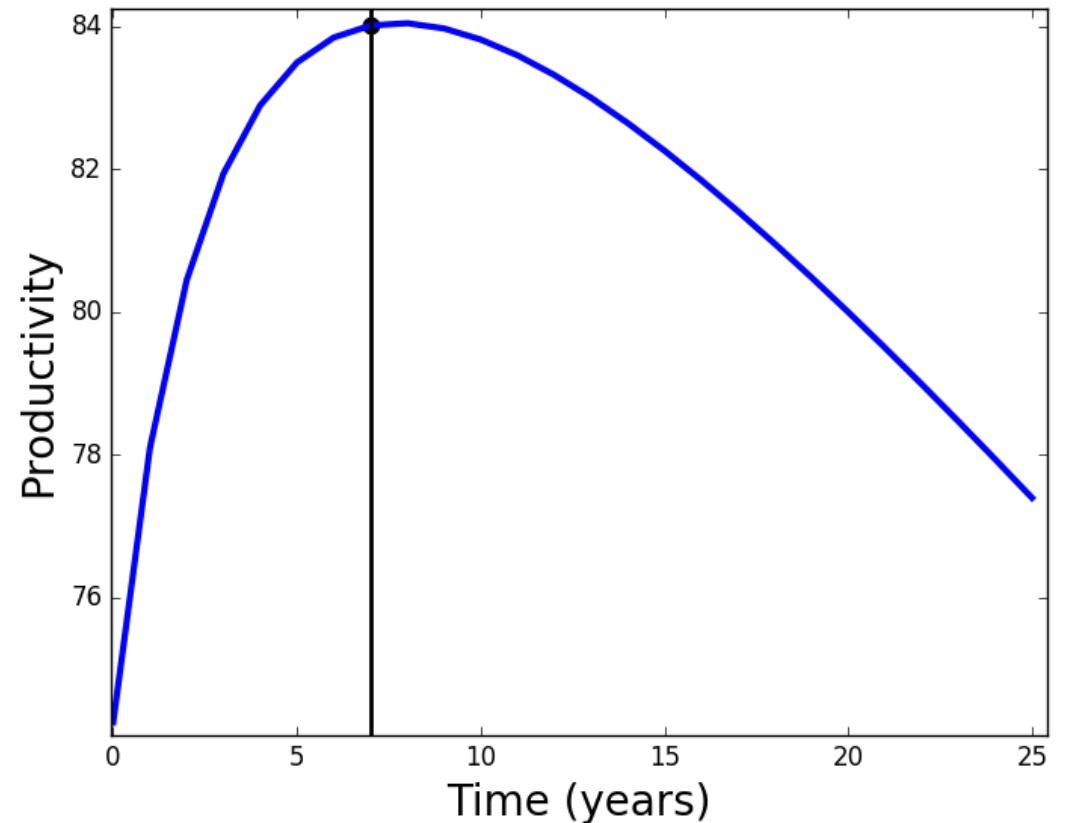


Maintenance

Production decay

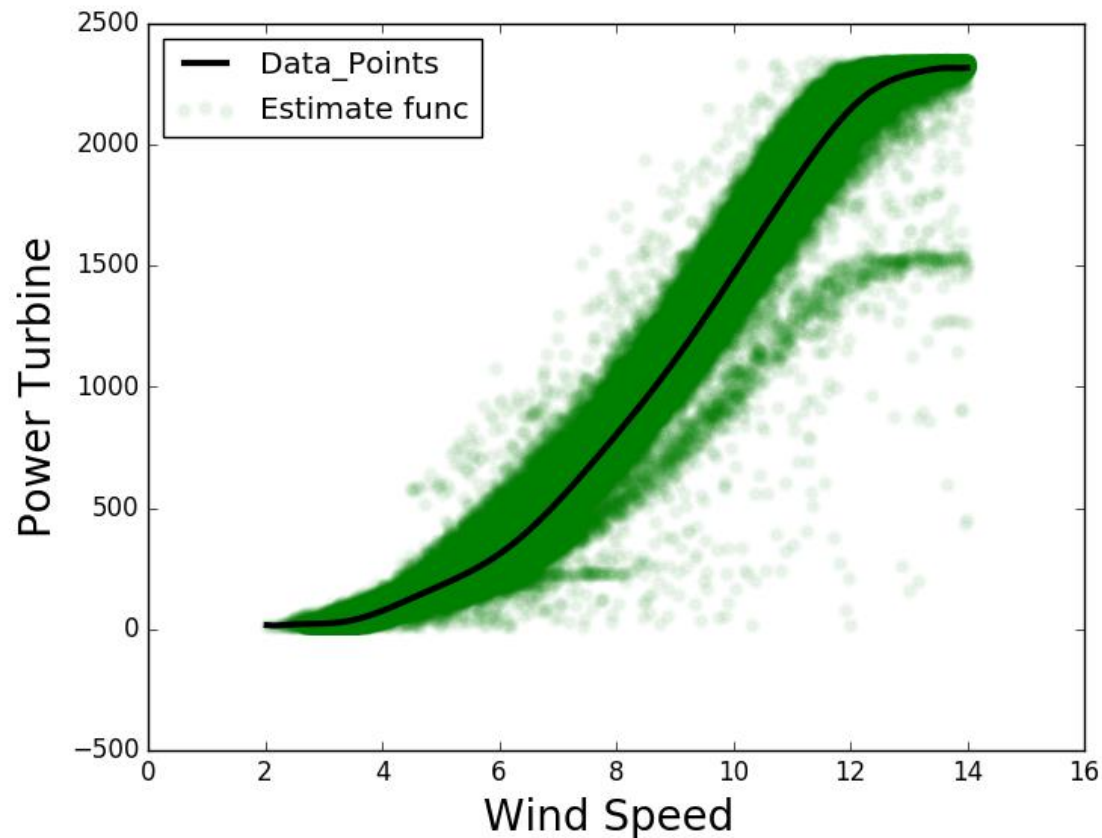


Optimal Maintenance Period

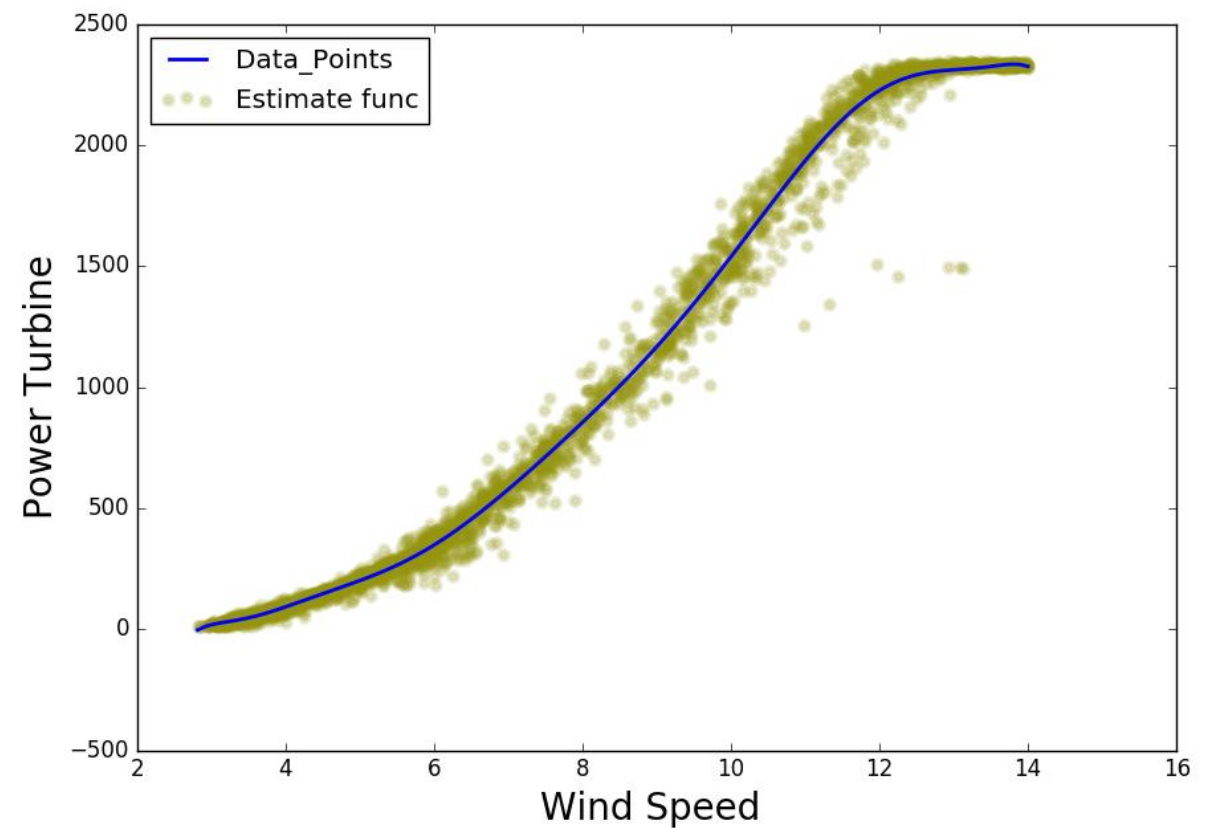


Accurate Predictions

Naïve model

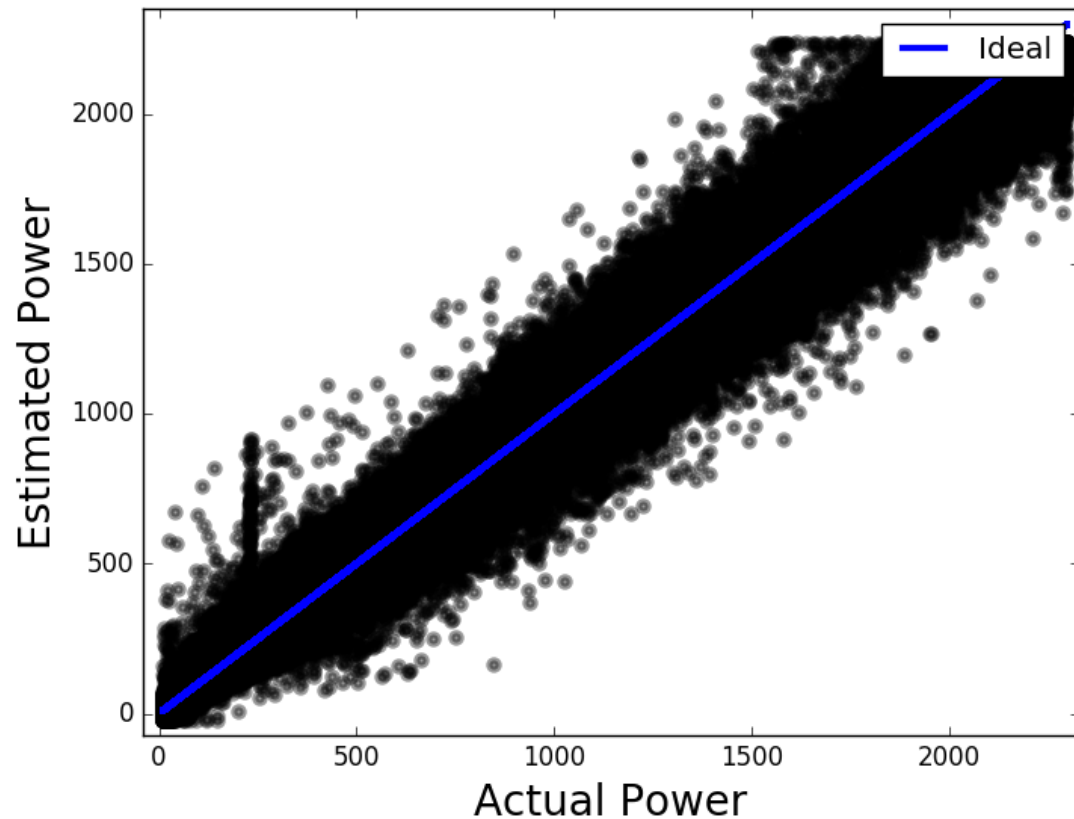


Our model

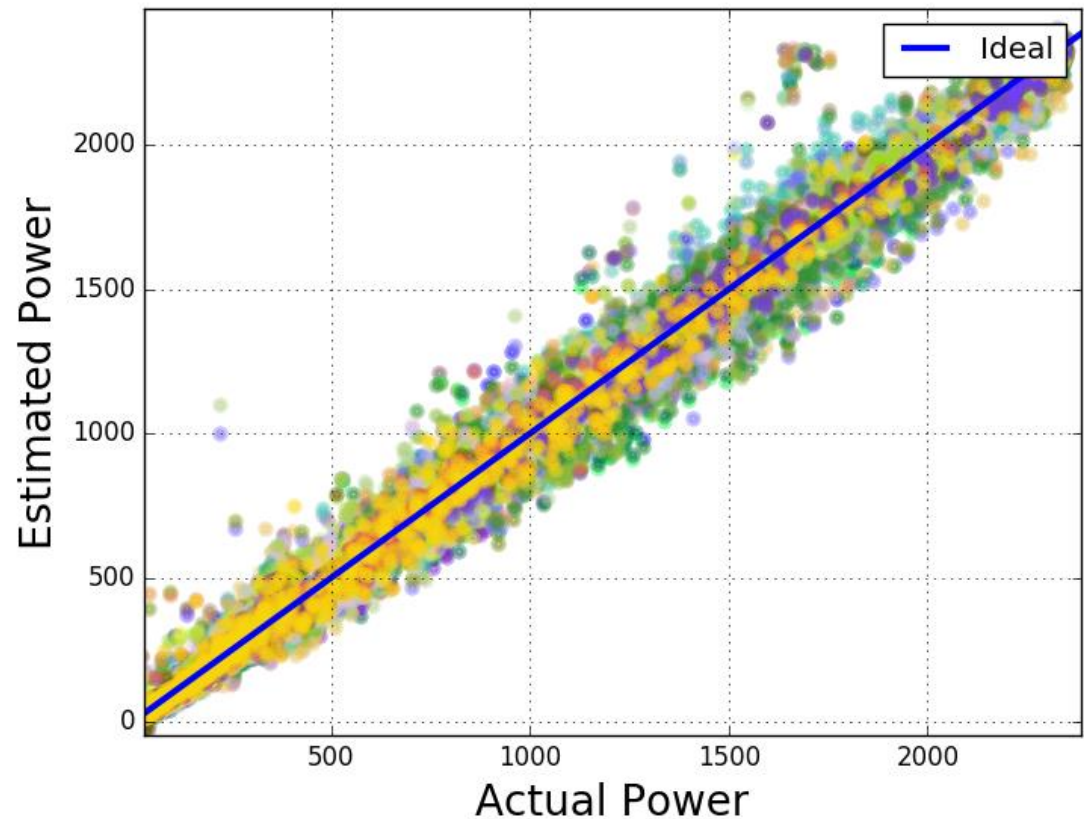


Accurate Predictions

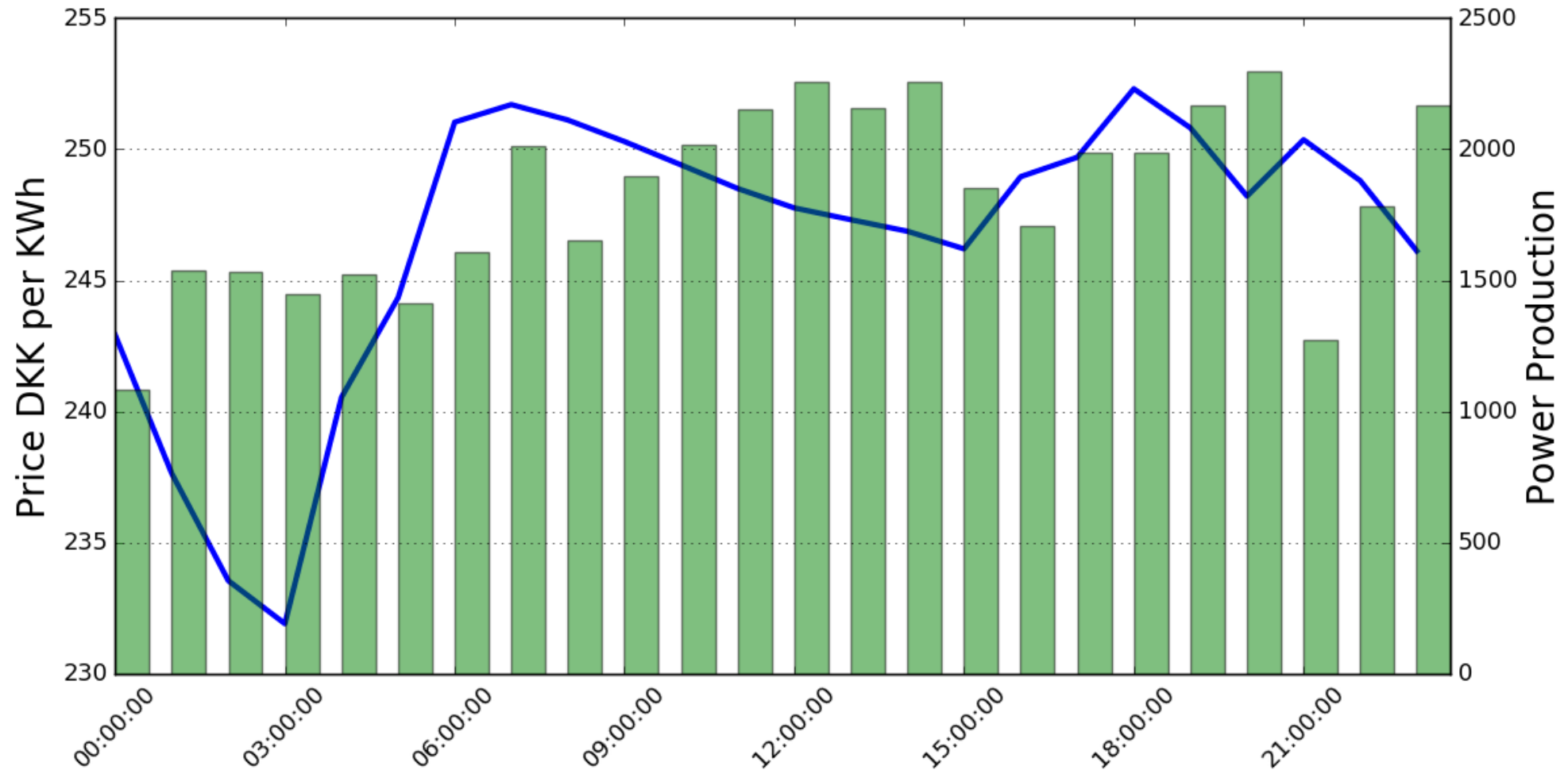
Naïve model



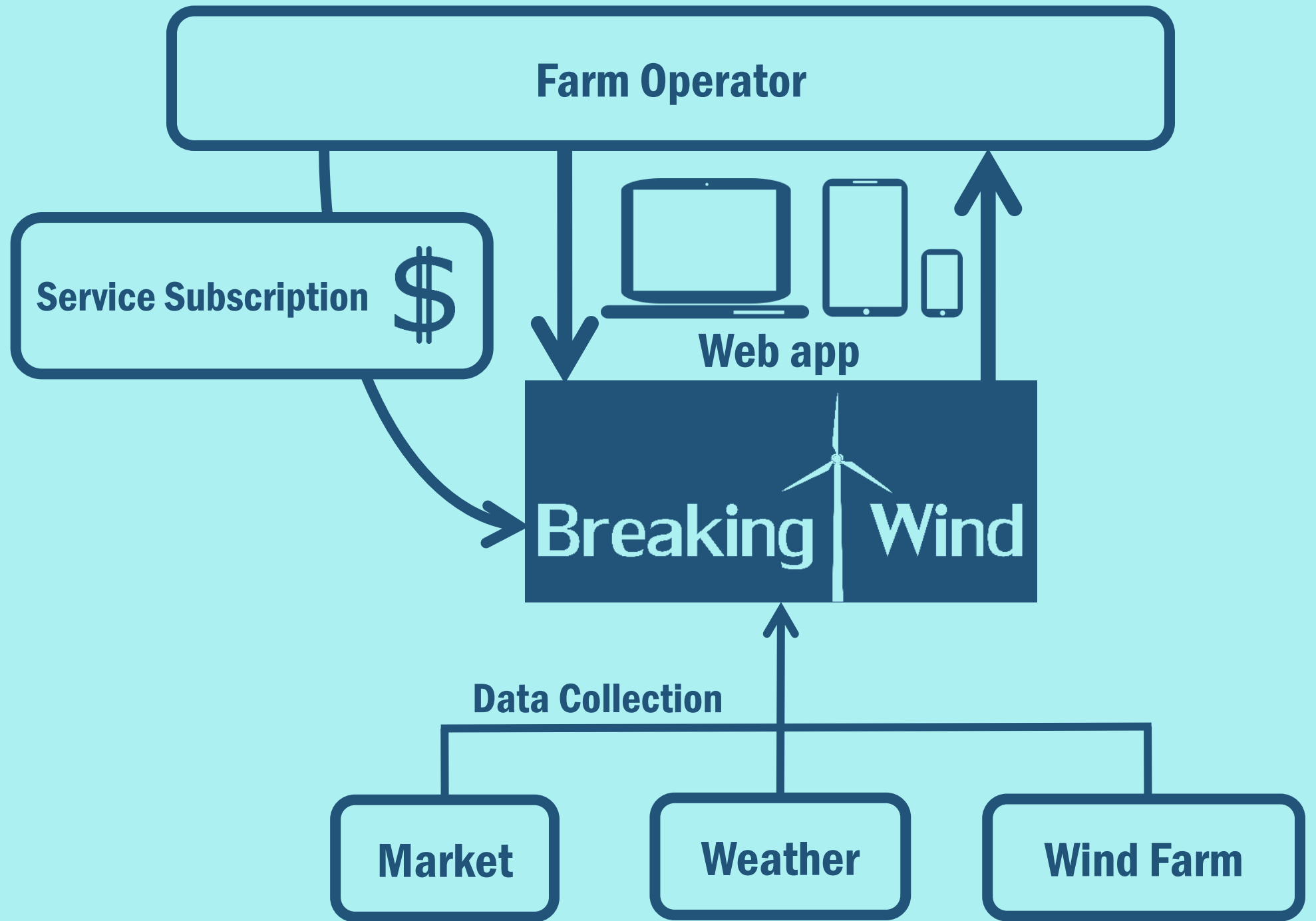
Our model



Market Connection



Business Model



Market

- **489 TWh**
- **~10 Billion €**
- **>14% Wind Energy**



Our Team

SMART ONE

