




EUROPEAN TECHNOLOGY & INNOVATION  
PLATFORM ON WIND ENERGY

# digitalization@windenergy

## How to harvest the full potential?

An offshore wind farm with several white wind turbines on yellow foundations in the ocean. Three speech bubbles are overlaid on the image, each pointing to a different turbine. The background is a clear blue sky and dark blue sea.

My oil temperature is too high and there is also a strange noise. I should reduce my production

Compared to my peers I'm producing always 10% less at the same wind speed

My health parameters are getting worse. I'll call for a service



# We are operating in a box - and how to integrate the box?

## “Expand the box”

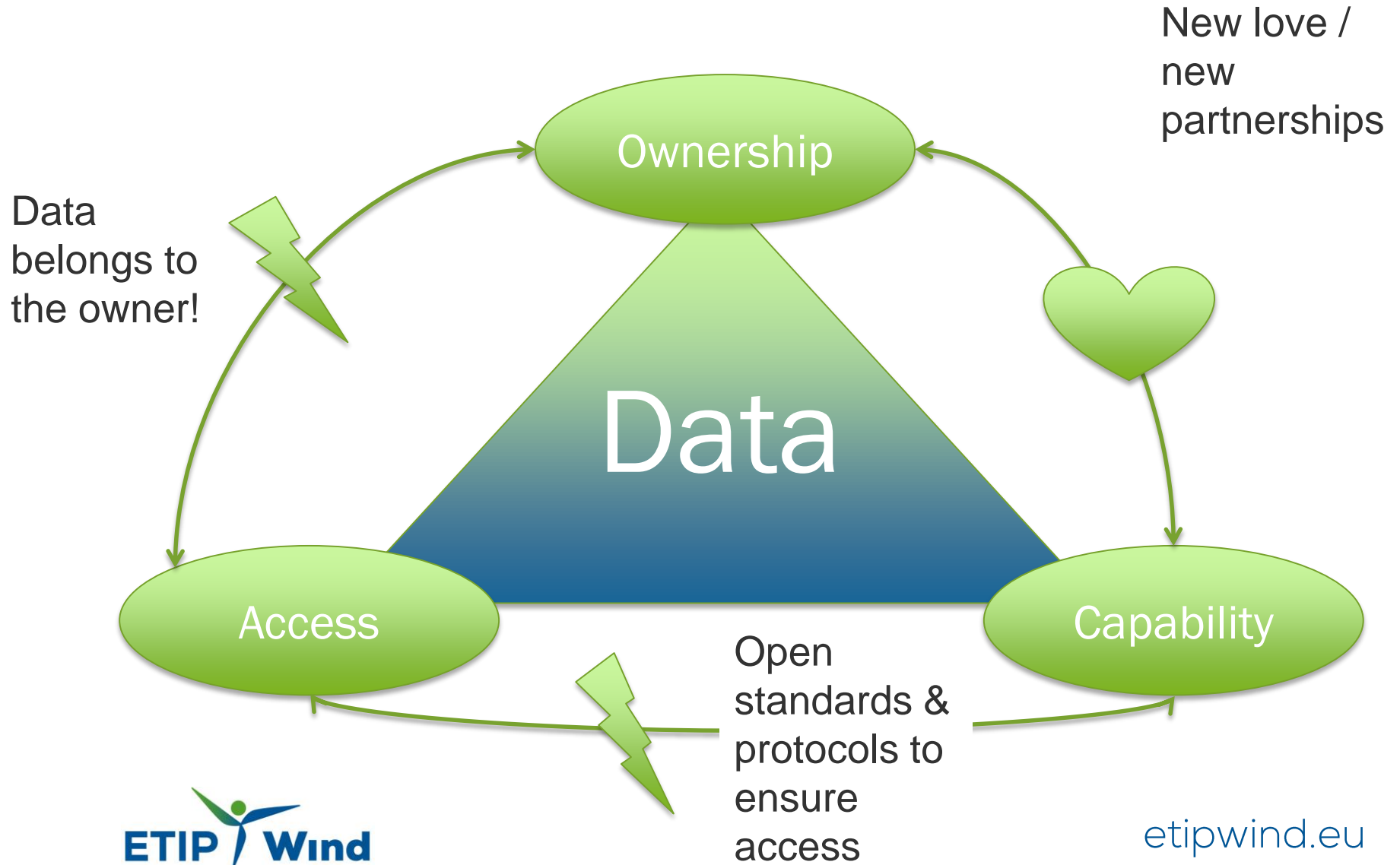
- Increase energetic availability/ reduce down times
- Increase efficiency
- Reduce O&M costs
- Extend lifetime



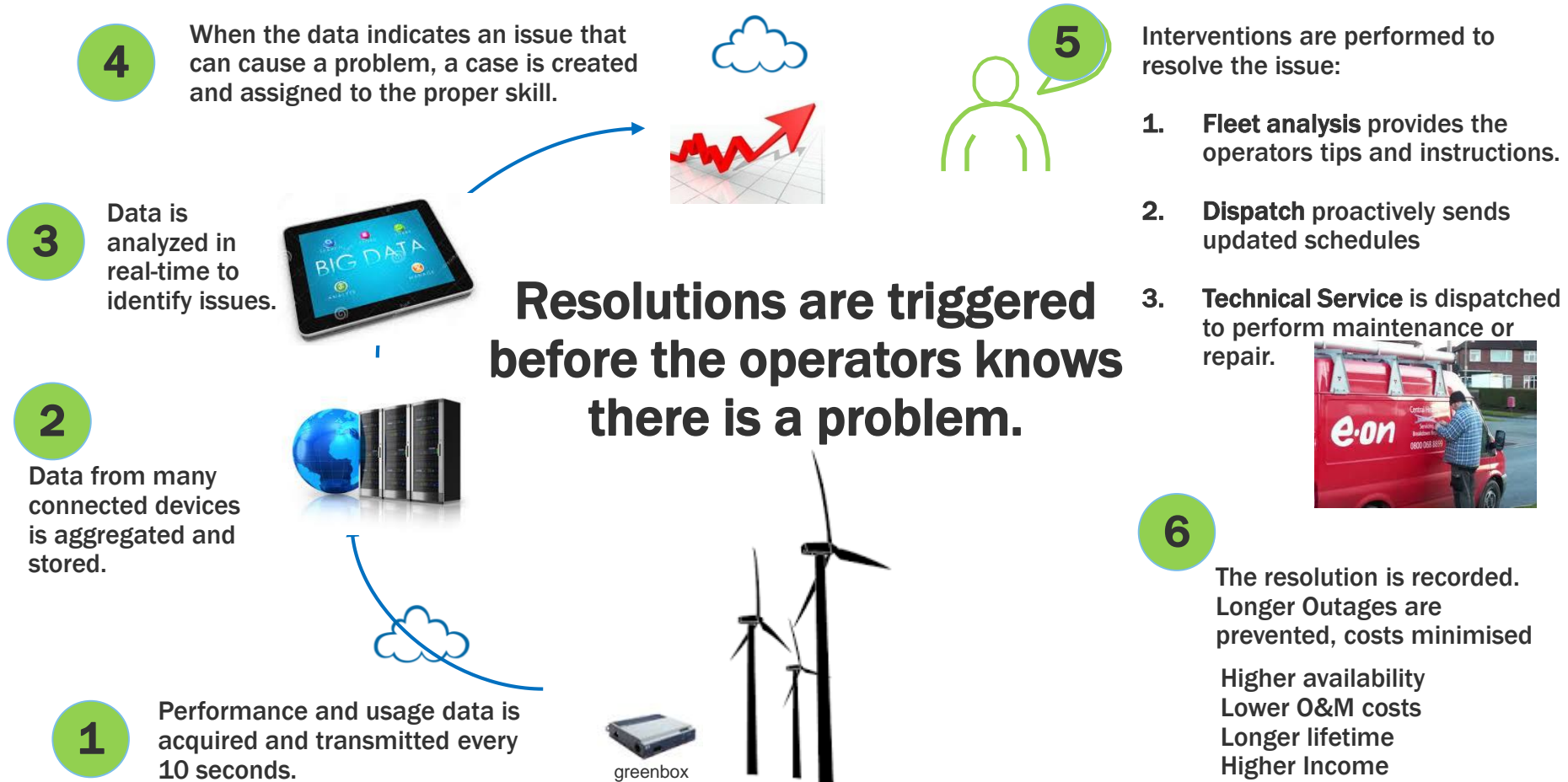
## “Integration into the new energy system”

- How to integrate wind farms / Solar PV into a future energy system?
- Number of “Prosumer” is increasing
- Quo Vadis Grid quality?
- Role and potential of block chain technology not clear yet

# It is all about data! - a new currency?




# Only if those questions are answered we can create a world of connected services







# Imagine ! What if .....



Can I please to talk to  
someone from E.ON –  
they are providing the  
best service!





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# Thanks for your attention

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