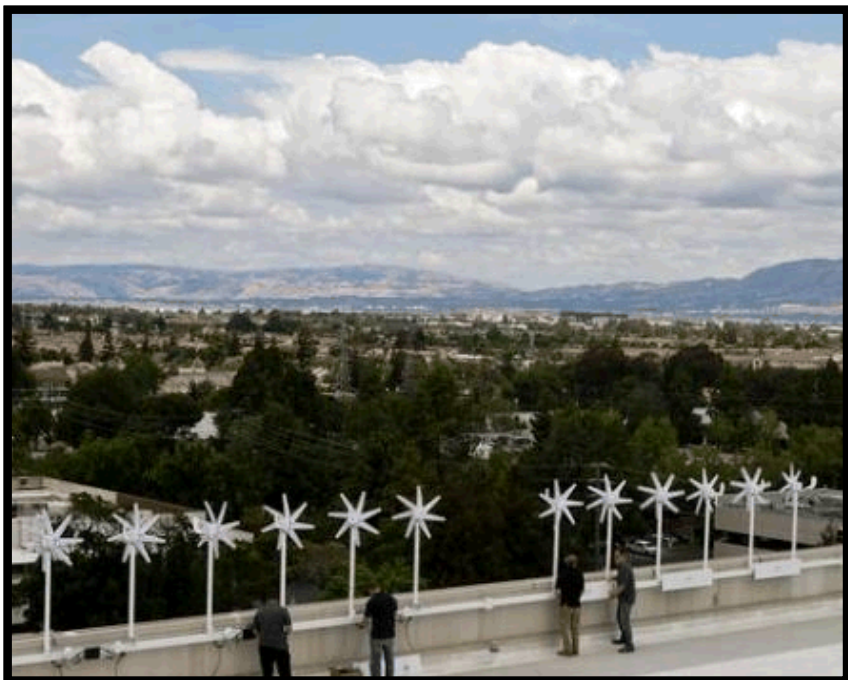




# Distributed wind energy has so far failed...

distributed = used where produced

at best



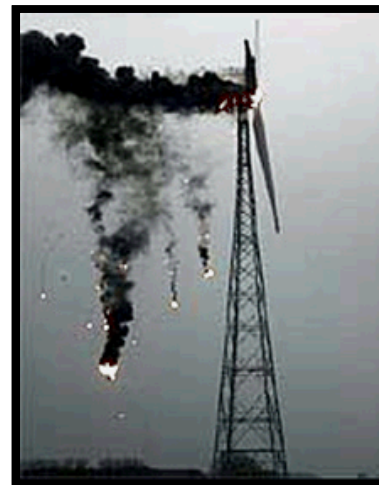
it is charming...

when operational



it is loud and  
unreliable...

at worst



it is dangerous

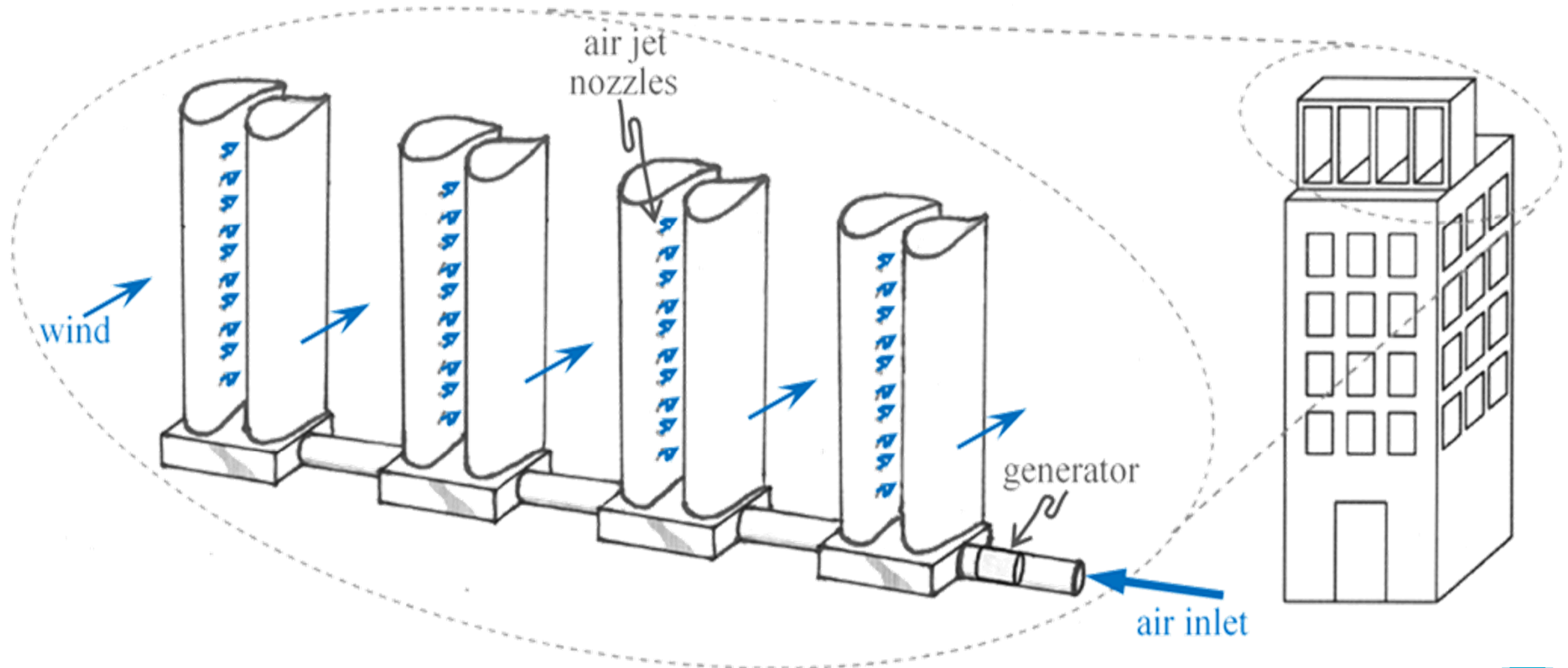
# Aero-MINE (Motionless, INtegrated Energy)

no external moving parts!

safe.

reliable.

quiet.



distributed.

scalable.

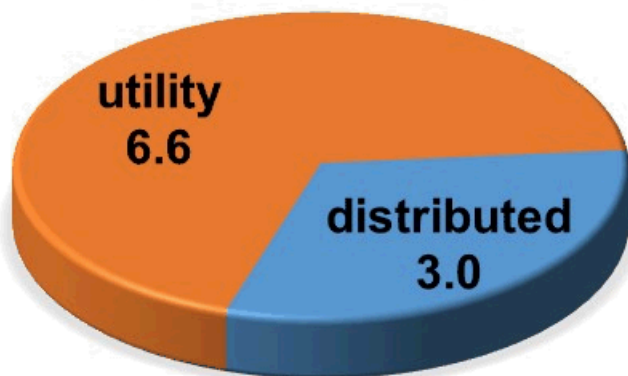
green.



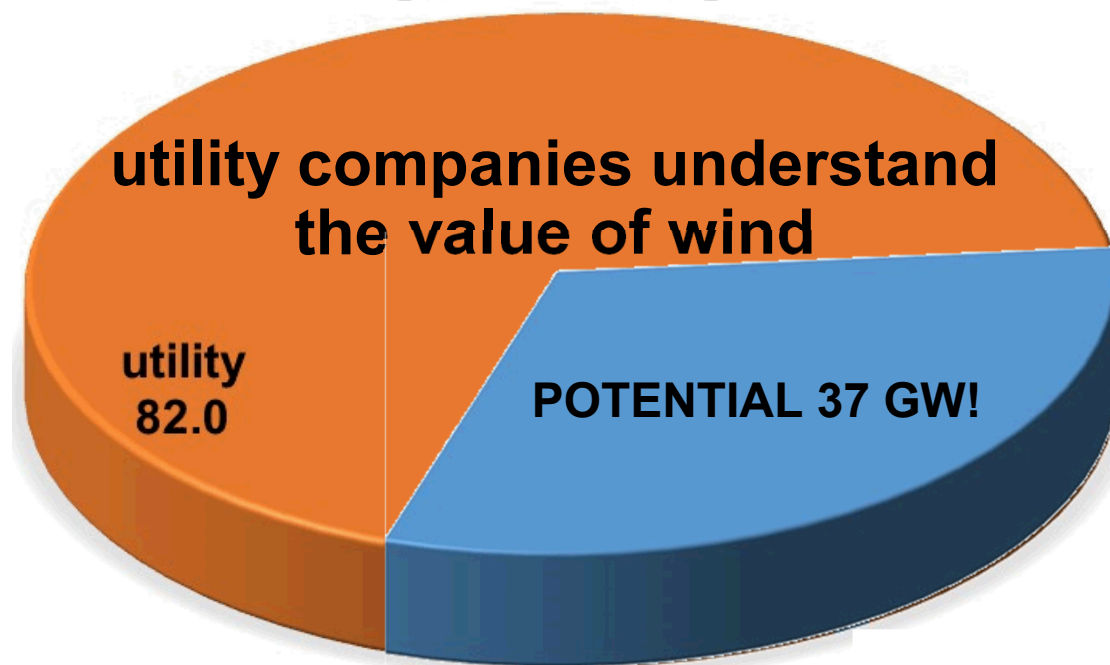
# Untapped distributed wind energy market



**Solar**  
[9.6 GW total]

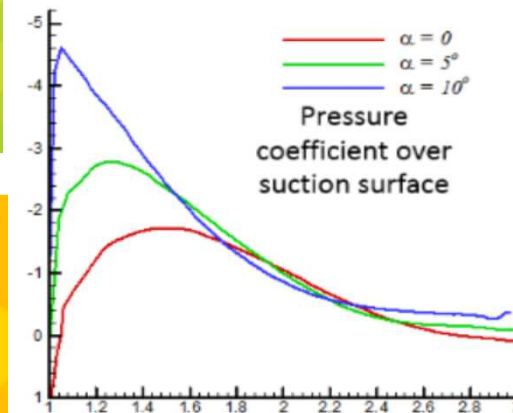
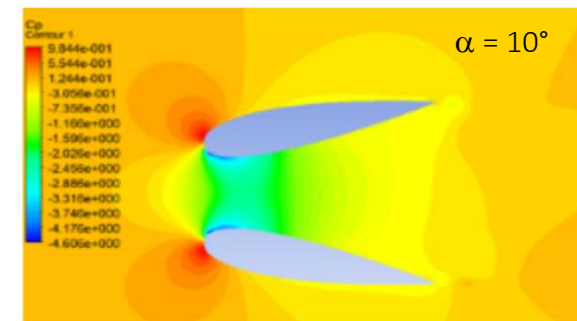
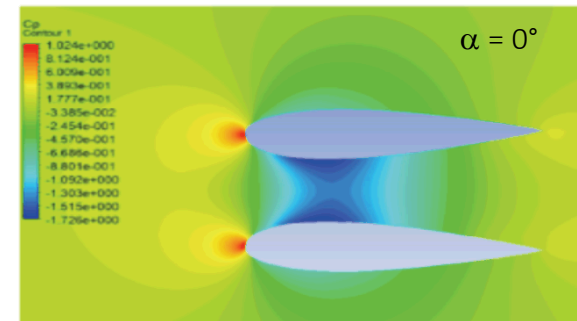
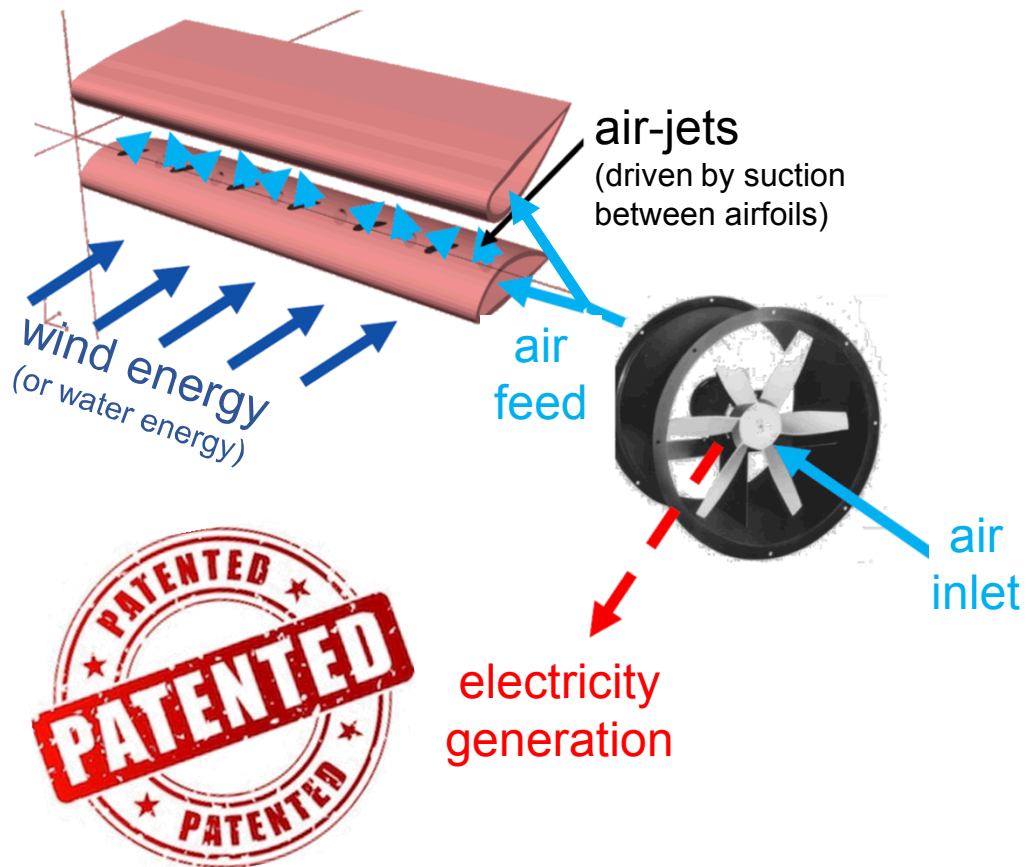


**Wind**  
[83 GW total]



# Technology and initial modeling

- produces day and night
- cheaper than solar PV to manufacture



initial models results showing significant suction

# Early partnerships already underway...

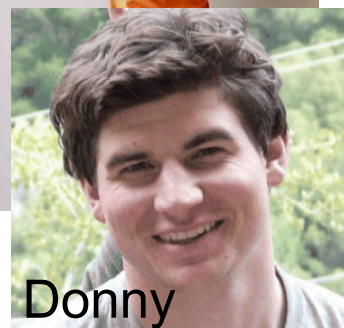
in conversations with:

potential battery partners

potential early adopters



Becca



Donny



Travis



TESLA



# Additional segments: retailers and data centers



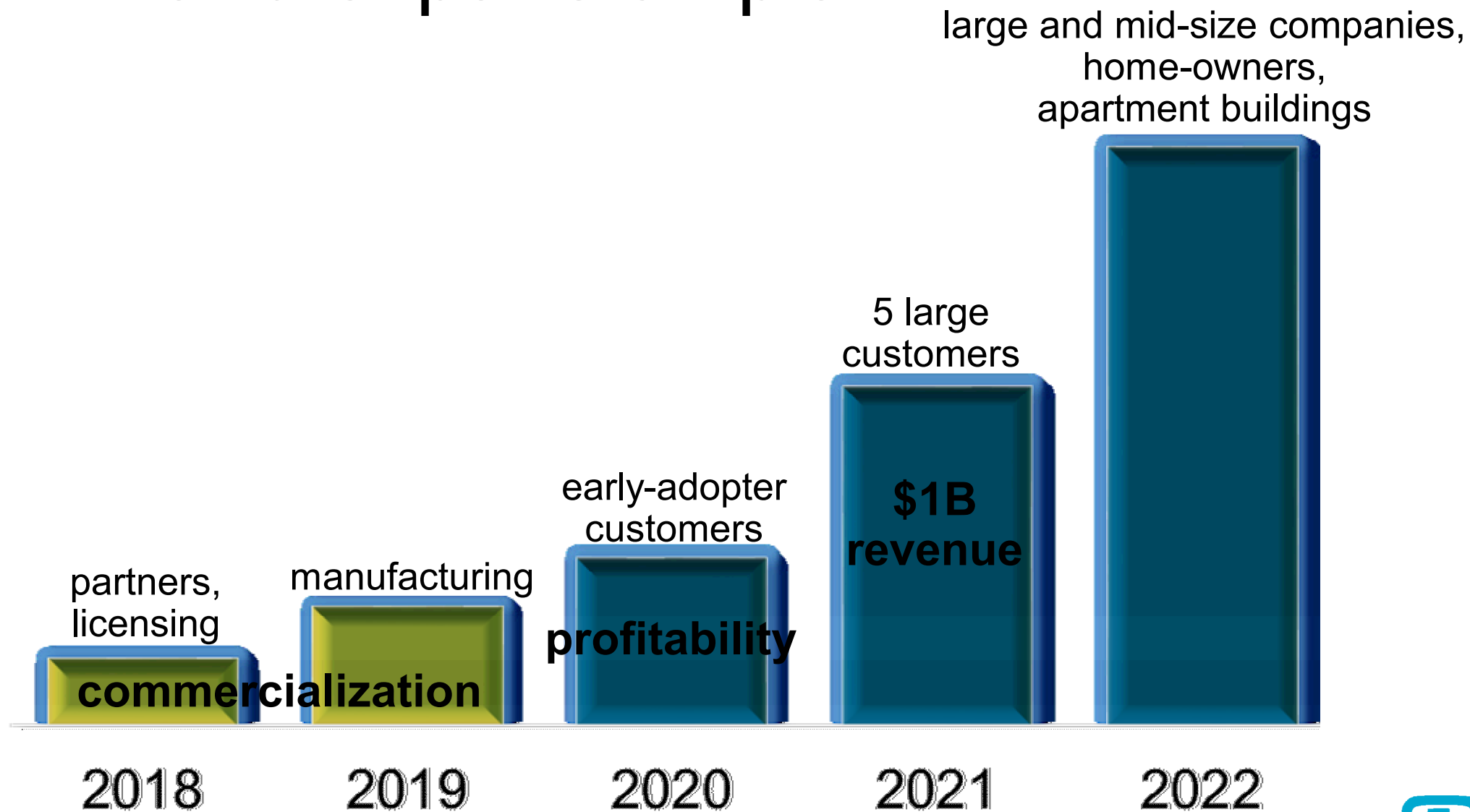
easily integrates into  
buildings/infrastructure



top 10 companies  
investing in  
distributed electricity:  
\$2B market



# Growth and expansion plan

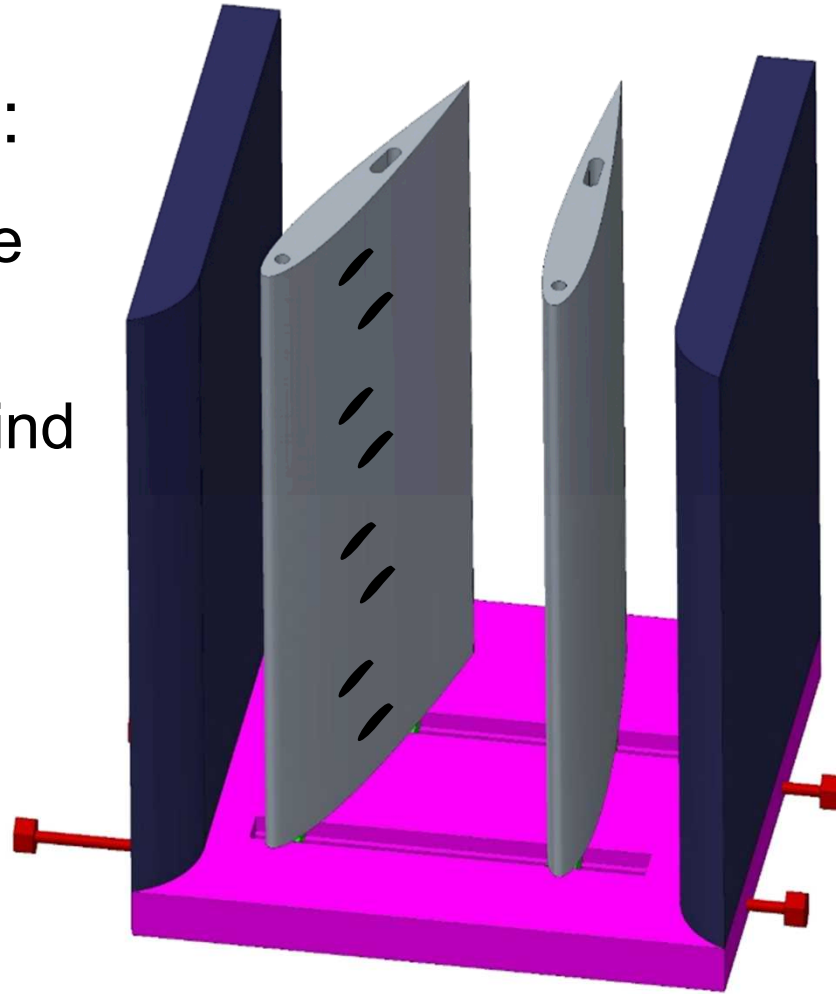




# Next steps...

funds will allow us to:

- manufacture prototype test stand
- optimize design via wind tunnel tests



sample Aero-MINE airfoil-pair on test stand  
(with representative sidewalls)

## Energy I-Corps:

- refine market strategy
- build online presence
- identify / license to manufacturing partners
- go into production

# We have the expertise and experience



Carsten

inventor, researcher, 25 years wind industry experience



Myra

PhD wind energy technology, CFD expert



David

PhD aerodynamics, wind energy researcher



Dave

product designer, additive manufacturing expert



Brent

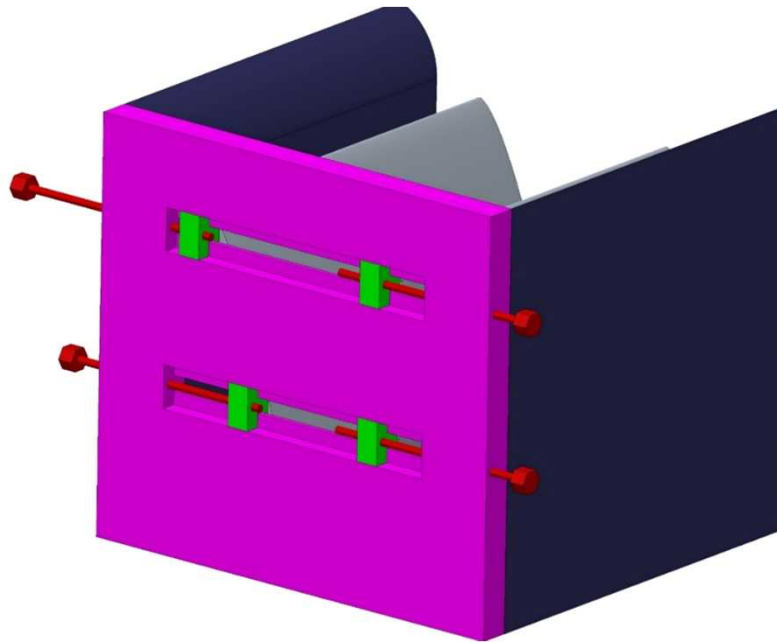
PhD fluid mechanics, 10 years of project management experience





Backup slides

concept extends to water  
Hydro-MINE for waves and rivers



bottom view of test stand  
(allowing adjustment of separation and angle-of-attack)

# Finalist for CEC? – another demonstration of our traction

file additional patents

license Aero-MINE technology

already have SPARK funds

develop Hydro-MINE