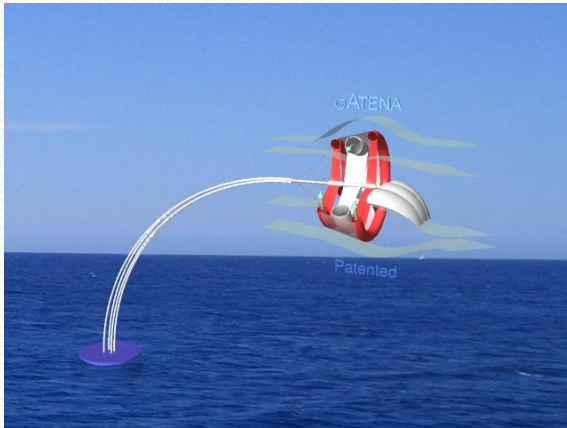


Bernd Lau
Head of project

first idea

End of 2009, students started working the project in ASSYSTEM office in Berlin



first demonstrator

Sept. 2010 start to built the first demonstrator

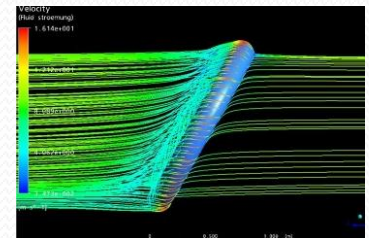
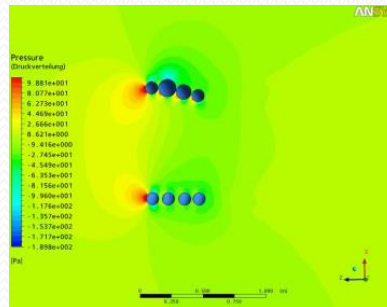
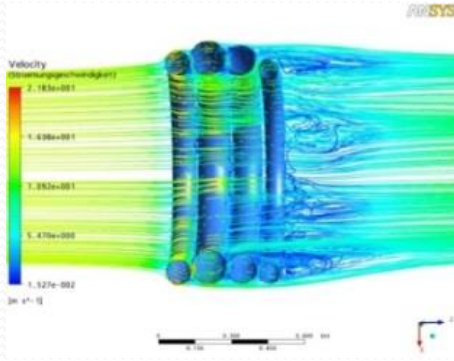


first demonstrator

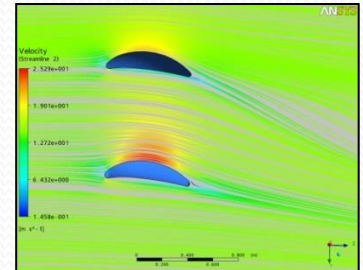
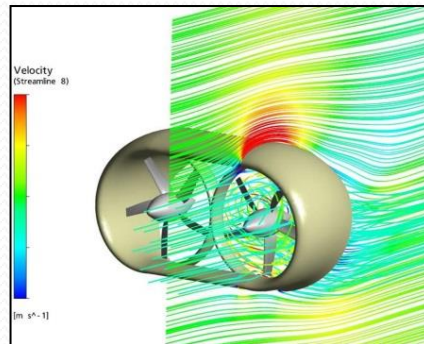
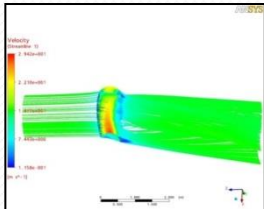
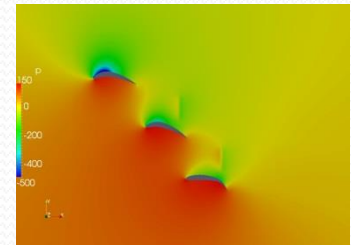
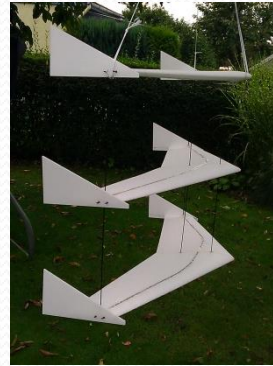
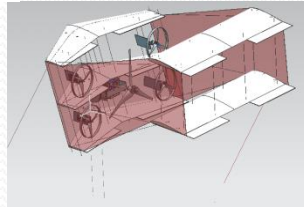
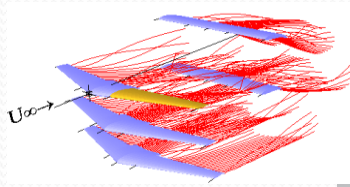
Sept. 2010 successful demonstrator test near Berlin



what we could do if we have to much wind with the aerostat



what we can do if we have not enough wind with the lifting profile wing



new concept: what could be the best start application

similar technical problems - the gap to improve the technology?



radio tower



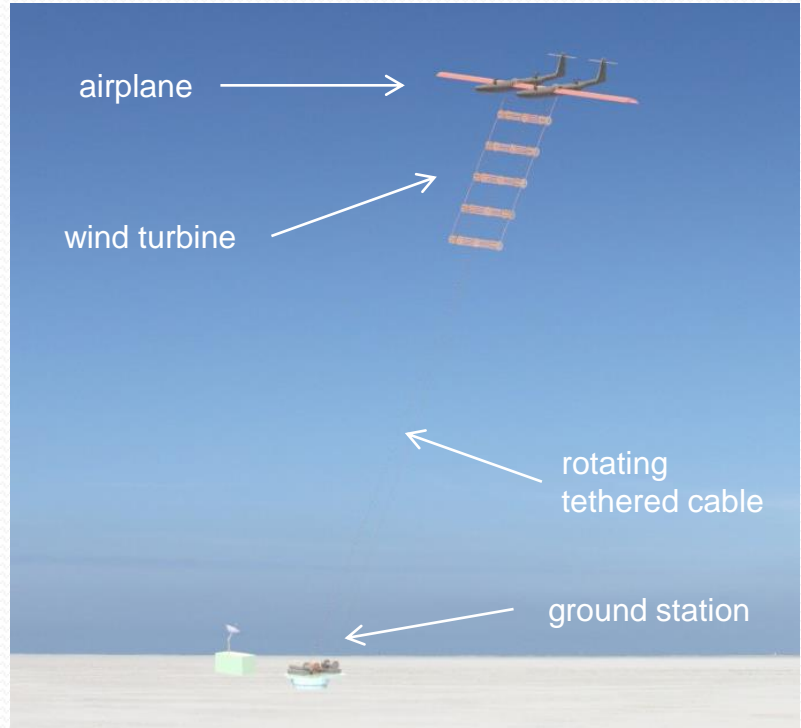
wind turbine



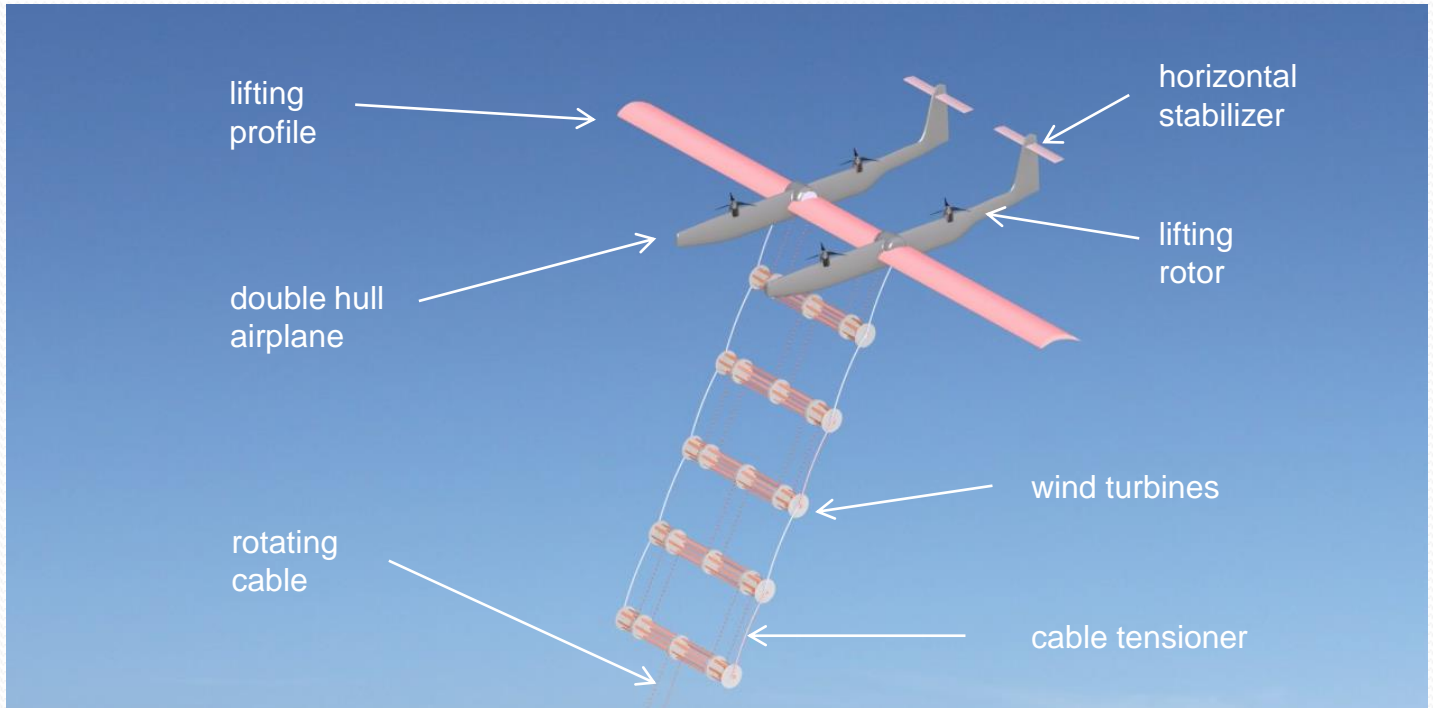
forest fire
observation tower

the concept: radio tower and airborne wind turbine

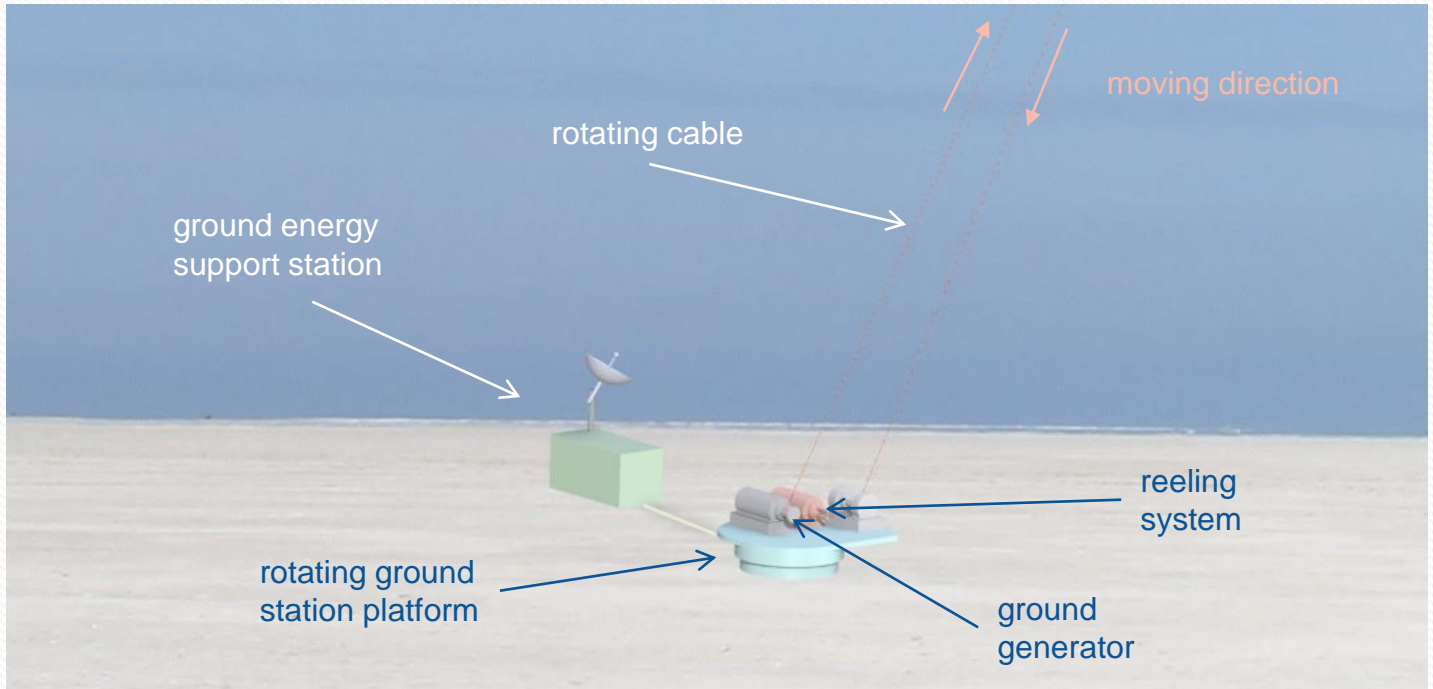
- have to keep in the air if we have low and strong wind
- self landing and start option
- to use it on land and offshore
- support energy on board and on the ground
- to use it for different application



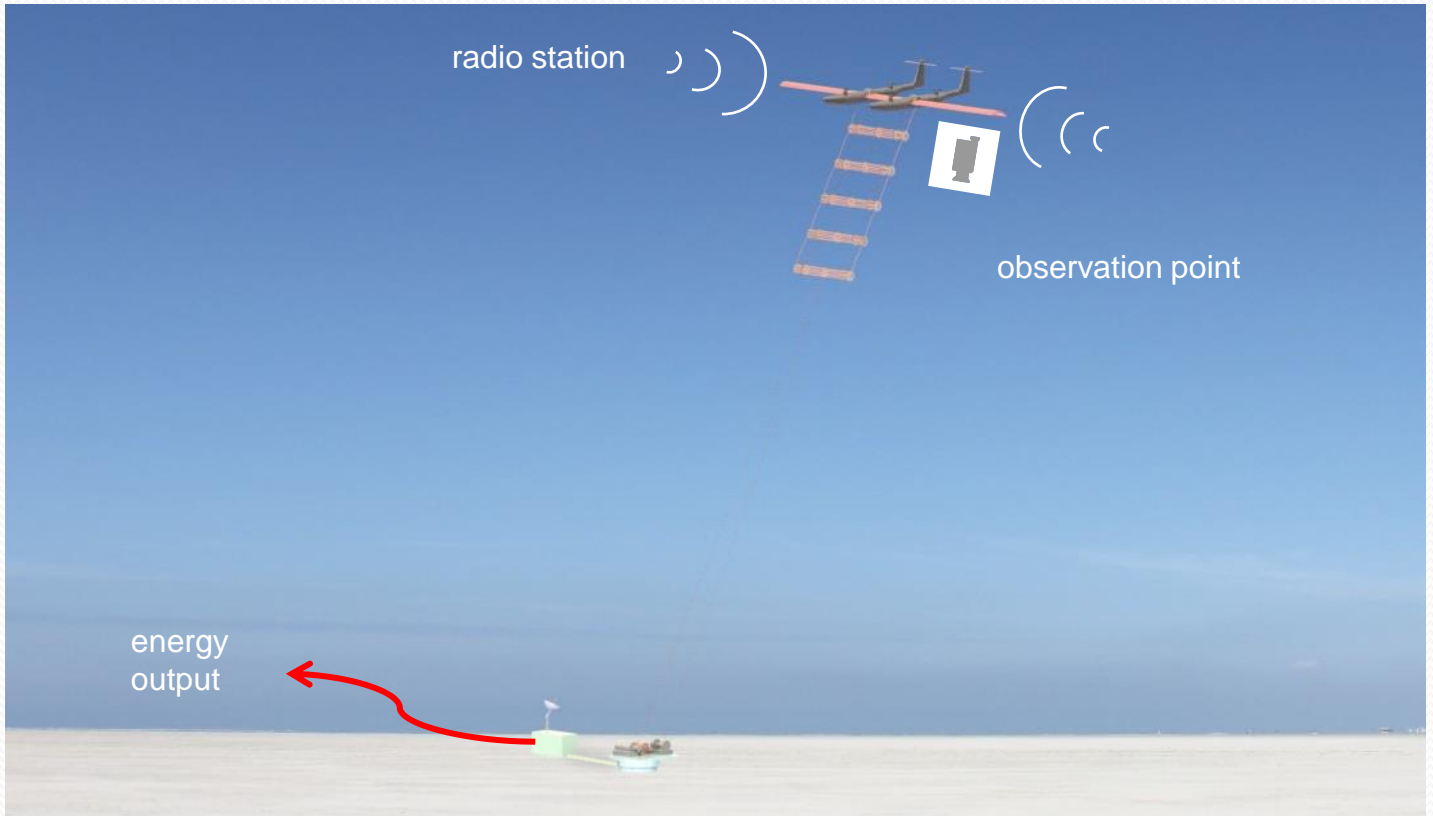
development result - airplane and turbine



development result - ground station



more information next time





Thank you for your attention!