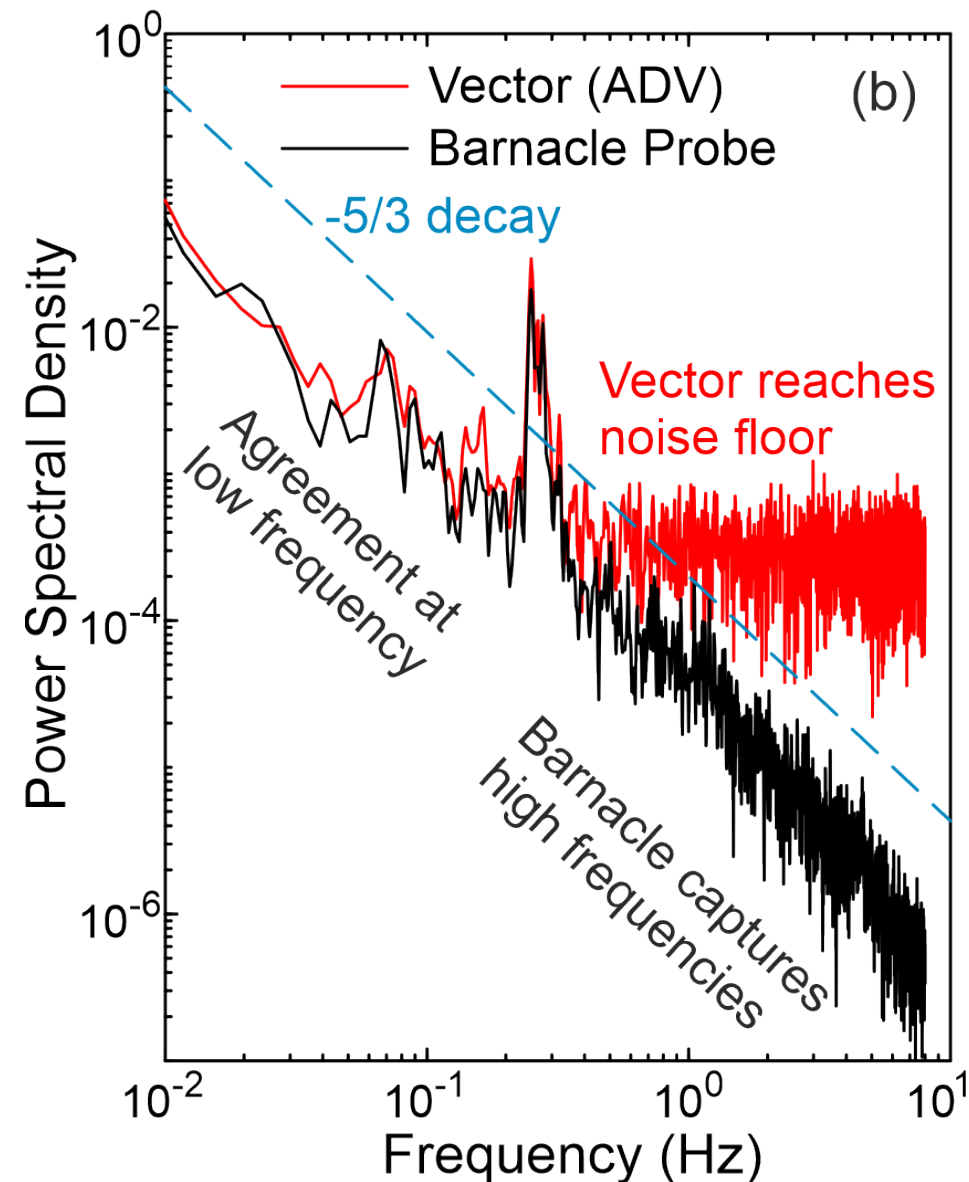
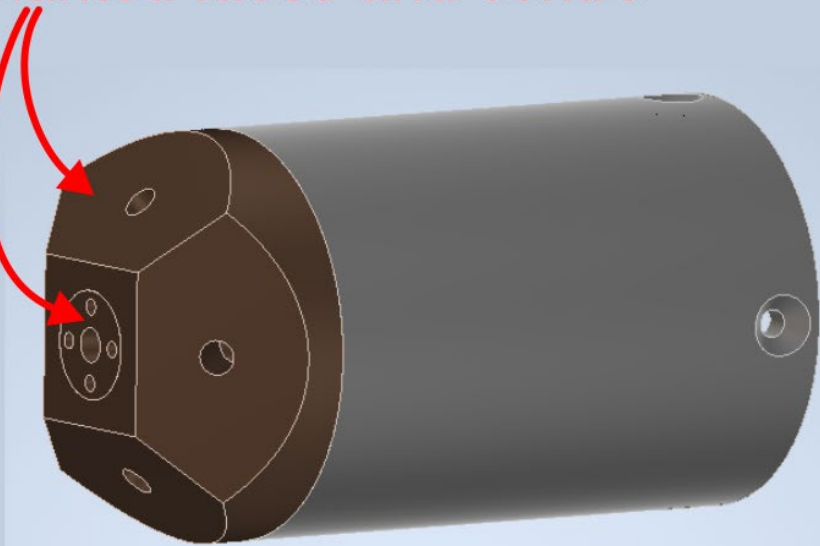


Barnacle probe: low-cost, robust turbulence data

Measure pressure difference
between slanted faces and centre

75 mm
head
diameter



Next steps: demonstration and production

Feb-June: Follow-on project
(University of Bath Impact Acceleration)

Design for production device

Demonstration at different facilities
including yours?

NERC-GW4+ project with BAS and NOC
(applications being assessed):

*Autonomous underwater probe for
ocean turbulence measurements
to understand climate change.*



**British
Antarctic Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

Supergen  Offshore
Renewable
Energy
Challenges

A1: measurement techniques for
forecasting and characterisation

A2: improved modelling for
resource/load assessment

