



FindAScienceBerth

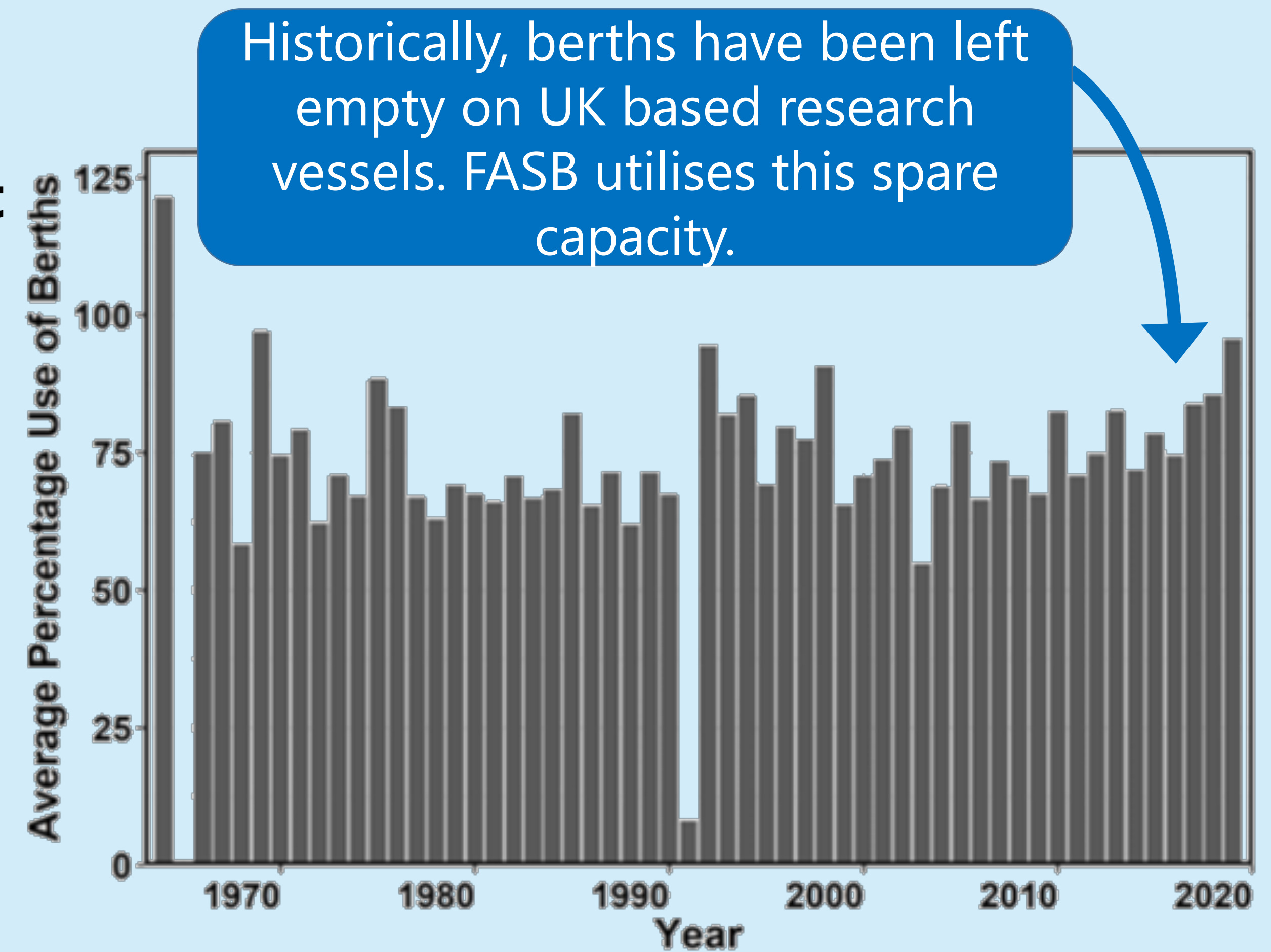


Connecting underrepresented groups in marine science with available berths on scientific research vessels

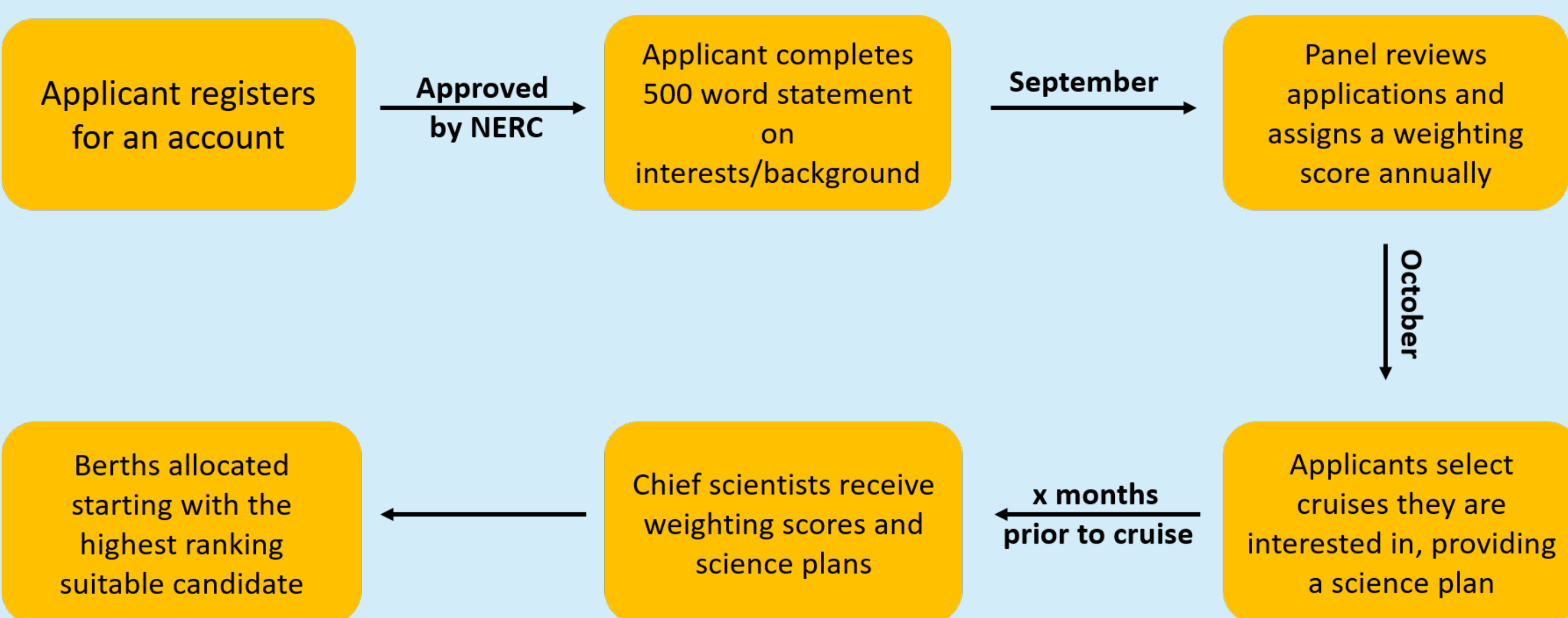
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Background

- In marine science, offshore fieldwork represents a **unique skillset** which can only be gained through experience.
- This experience can be advantageous for some career pathways.
- The ability to gain ship experience is **not equal for all**.
- Disadvantages those without prior contacts, e.g. first generation, low socioeconomic status, lack of scientific funding.
- FindAScienceBerth aims to improve equality of opportunity by utilising existing spare capacity on scientific cruises.
- Funded by NERC's EDI Digital Sprint



Application process



- Based on similar schemes such as CASS and CLASS, **applicants bring their own project** to the cruise.
- FASB is **not designed for unpaid volunteering** on existing projects.
- **Open to all** who have an academic affiliation.
- A flipped application scoring system, **promotes those who would not otherwise have opportunities**.
- FASB does not currently financially support applicants.

Interface

- FASB is integrated in to the **marine facilities planning portal**, currently used for allocating ship time by NERC.
- This ensures that cruise plans and available berth data is kept up to date.
- Applicants register for an account and submit their application through the MFP where it can be accessed by the review panel and the chief scientist.

Code	Application Name	Scientist	Date	Ship	Departure Port	Arrival Port	Voyage	Available Berths
DY150	SEACHANGE: Quantifying the L...	James Scourse		Discovery	Southampton	Reykjavik	DY150 SEANA	10
DY150A	CLASS '2021 Darwin Mounds ...	Veerle Huvenne		Discovery	Southampton	Reykjavik	DY150 SEANA	2
DY151	SEANA_Intensive	Anna Jones		Discovery	Southampton	Reykjavik	DY150 SEANA	30
DY151A	M-Phase: Resolving climate se...	Benjamin Murray		Discovery	Reykjavik	Southampton	DY150 SEANA	30
DY152	MARS NMEP Trial	Maaten Furlong		Discovery	Southampton	Southampton	DY152 MARS Trials	21
DY153	Bottom Boundary Layer Turbul...	Alberto Garabato		Discovery	Southampton	Southampton	DY153 BLT3	40
DY154	Passage to DY refit 2022	Eleanor Darlington		Discovery	Southampton	To be confirmed	DY154 Passage to refit	4
DY155	Discovery refit 2022	Kevin Williams		Discovery	To be confirmed		DY155 Discovery refit 2022	21
DY156	Passage from DY refit 2022	Eleanor Darlington		Discovery	To be confirmed	Southampton	DY156 Passage from refit	4
DY161	DY Alongside Oct 2022	Eleanor Darlington		Discovery	Southampton		DY161 Alongside Oct 22	21
DY157	AMT - The Atlantic Meridional ...	Andy Rees		Discovery	Southampton	Port Stanley	DY157 AMT	5
DY158	Hydrographic measurements L...	Yvonne Firing		Discovery	Port Stanley	Montevideo	DY158 BAS-NC	11
DY158	ORCHESTRA: A23 - 2022-23 ...	Einar Povi Abrahamsen		Discovery	Port Stanley	Montevideo	DY158 BAS-NC	8
DY158	2022/2023 Polar Ocean Ecosy...	Sophie Fielding		Discovery	Port Stanley	Montevideo	DY158 BAS-NC	19
DY159	Passage DY CLPUQ > SOU	Eleanor Darlington		Discovery	Montevideo	Southampton	DY159 Passage to SOU	30
DY160	Dy Alongside March 2023	Eleanor Darlington		Discovery	Southampton		DY160 Alongside Mar 2023	30

EDI Monitoring expansion

- **through international collaboration**
- In the UK, marine scientists are not representative of the general population, a survey by the Challenger Society showed that 92% of members identified as being from a white background compared to 86% of the population, while 38% identified as female compared to 51% in the population (Baker et al.).
- FASB aims to **improve diversity at sea** by increasing opportunities for those outside of marine science networks.
- We collect comprehensive EDI data from all applicants and compare this with those who are chosen for to take up a berth. This is kept **separate from the scientific application**, EDI data is never seen by the chief scientist or review panels.
- This allows us to a) understand whether FASB is helping to improve the diversity of those going to sea and b) determine whether there are any biases against underrepresented groups in our selection process.

