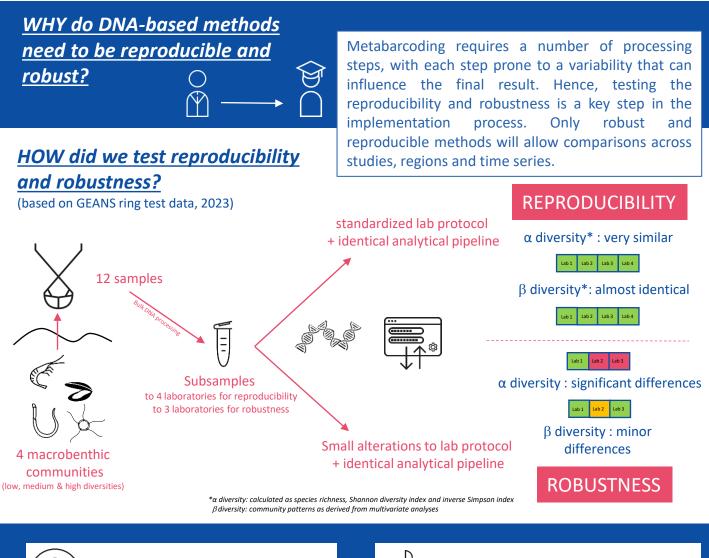
## Reproducibility and robustness of metabarcoding





FACT SHEET #4



The different alpha diversity measures are affected by changes to the laboratory protocol. <u>Standardization</u> is vital for comparability between studies and regions. <u>Community patterns</u> are <u>reproducible</u> between labs and <u>robust</u> to small changes to the lab protocol, supporting the suitability of DNA-based methods for studying ecological multivariate patterns.

A standardized protocol allows to compare metabarcoding results from different studies . In the absence of an agreed standardized protocol across countries, we stress the importance of providing a detailed description of the used lab protocol .

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