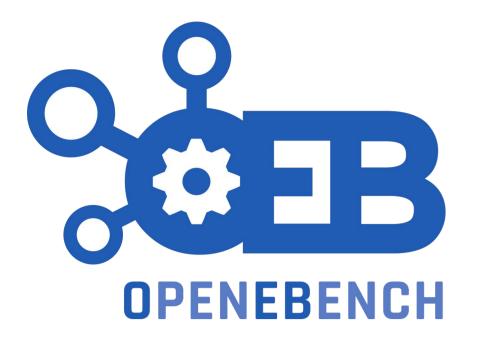
OpenEBench: advancing Albenchmarking

Codó L.^{1,2}, Redondo A.^{1,2}, Fernández J.M.^{1,2}, The OpenEBench Team[®], Gelpí J.L.^{1,2,3}, Capella-Gutierrez S.^{1,2}

¹ Spanish National Bioinformatics Institute (INB/ELIXIR-ES). ² Barcelona Supercomputing Center (BSC). ³ Dept Biochemistry and Molecular Biomedicine, University of Barcelona (UB)

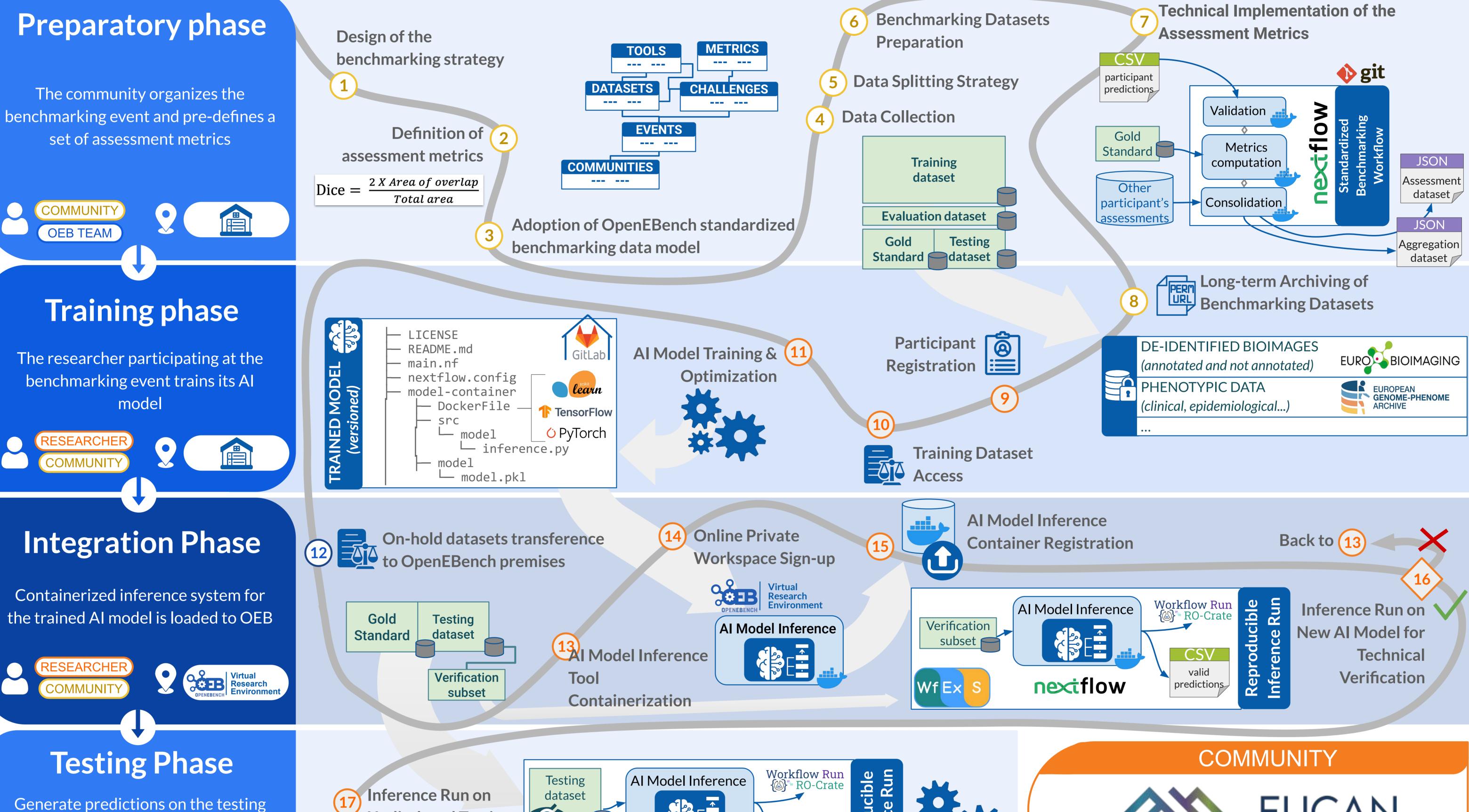
ELIXIR All Hands , 10-12 June 2024, Uppsala, Sweden





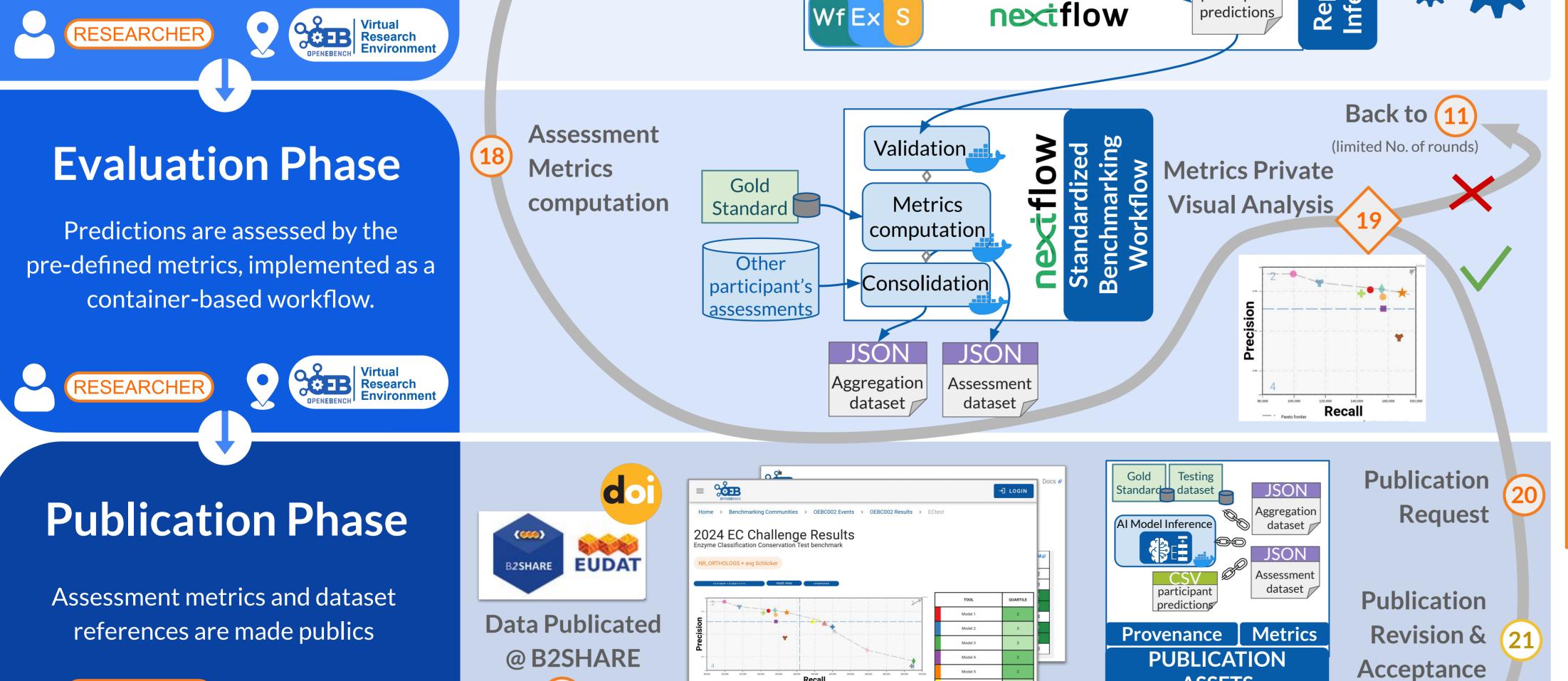
Establishing objective and transparent benchmarking methodologies is vital to ensure that Al datasets, algorithms, and technologies meet the standards for effectiveness and reliability demanded by the field.

OpenEBench is being extended to evaluate the inference performance of trained Al models. The diagram shows the flow being developed in the context of the EuCanlmage community.



participant

ASSETS



Data Publicated

@ OpenEBench Portal

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Undisclosed Testing

Dataset



This effort is being driven by **EuCanImage**, a pan-European infrastructure dedicated to applying AI to cancer imaging. The AI algorithms for clinical diagnosis developed during this project will be validated through 8 different benchmarking events, using data to specific clinical use-cases. The tasks assessed will include **image segmentation**, classification, and detection (localization) on magnetic resonance imaging (MRI), computed tomography (CT) scans, and mammography (MG) images, focusing on various organs such as breast, liver, and colon.

REFERENCES





Contact

RESEARCHER

OEB TEAM

dataset

Laia Codó Tarraubella Barcelona Supercomputing Center (BSC) laia.codo@bsc.es





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