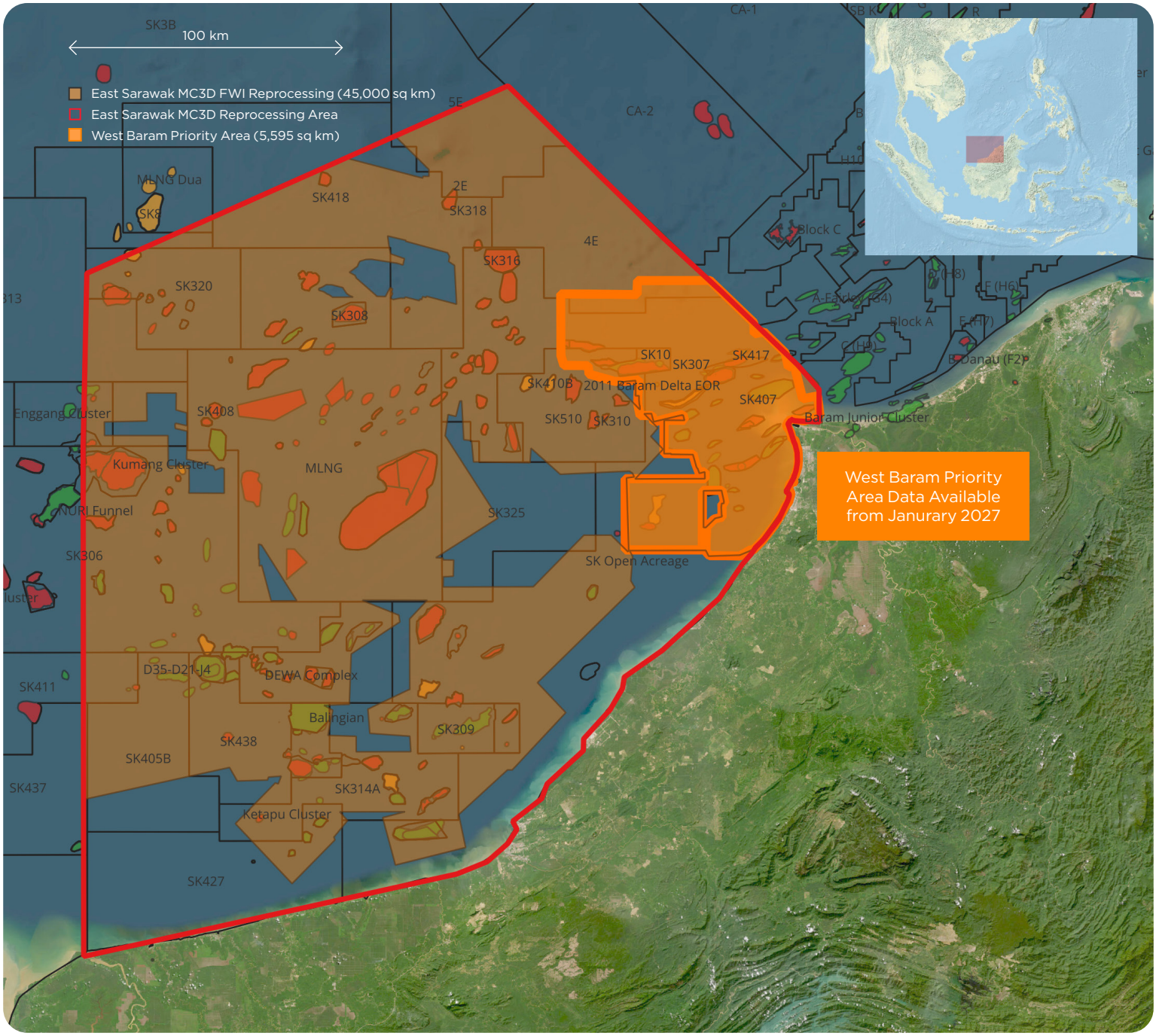
MULTI-CLIENT

EAST SARAWAK MC3D MULTI-CLIENT SURVEY

MP-FWI enhanced 3D PreSDM seismic reprocessing



MULTI-CLIENT

East Sarawak MC3D MP-FWI enhanced 3D PreSDM seismic reprocessing

Project overview

DUG has commenced a major 3D seismic reprocessing project to revitalise the offshore East Sarawak.

The project incorporates over 60 legacy 3D surveys covering an area up to 45,000 square kilometers, reprocessed from original field data using advanced FWI imaging technology and pre-stack imaging workflows to produce one seamless 3D seismic volume of superior quality.

The project area forms the juxtaposition of three major geological provinces. Data processing workflows will be independently tested and parameters optimised for the highest resolution imaging within each of these environments.

Project highlights

The East Sarawak project area holds over 3.5 Bboe (21 Tcf) of Yet-To-Find volumes. The largest YTF volumes in Southeast Asia.

The new, reprocessed multi-client 3D dataset will be made available for licensing to petroleum exploration and development companies enabling them to undertake more extensive evaluations of the remaining hydrocarbon potential in and around existing fields and infrastructure.

The resulting PreSDM dataset will offer significantly improved imaging of the proven post MMU clastic and carbonate plays and emerging pre-MMU Cycle I and II plays.

A priority data volume will be available for the MBR 2027.

West Baram Priority Area (5,595 km²) Data Available from January 2027

