

Sao Paulo Plateau (SPP) Project Concept

Why?

- Only Iberia-Newfoundland actually shows exhumed subcontinental mantle (minus evidence in orogens) during continental rifting. Other possibilities exist & need to be documented, and may lead to new, different models.
- SPP: Wide rifted margin adjacent to narrow volcanic margin controlled linkage between South & Equatorial Atlantic rift ca. 120 Ma.
- OBS work of Klingelhoef et al. (2014) (IFREMER) suggests crustal stretching followed by ultraslow seafloor spreading.
- Previous work suggests either mantle exhumation OR magmatic rift.



Arai, 2009, Boletim de Geociencias Petrobras

Who? US-UK-Fr-Br (+/- De)

When? Down the road

Then what? Drill

What about permits? Outside of sensitive EEZ->should be possible

