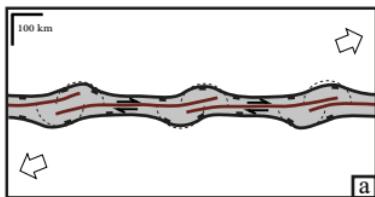


High obliquity

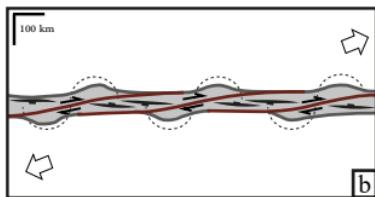
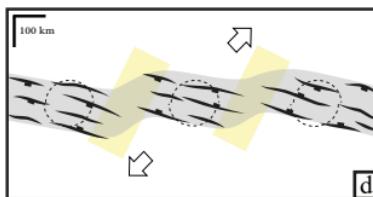


Deformation phase

Intra-continental Stretching

Strain localizing
Rigid behaviour

Low to Intermediate obliquity



Intra-continental Necking to Hyper-extension

Lithosphere weakening
Strain partitionning
Stress and strain re-orientation

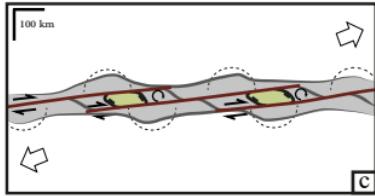
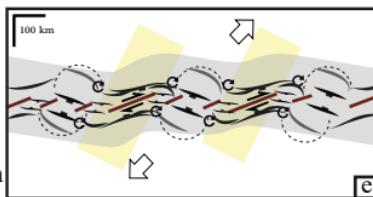
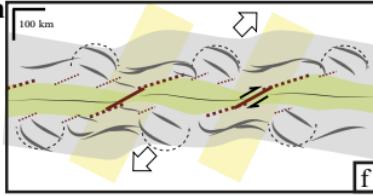


Plate boundary formation Exhuming mantle to oceanic spreading

New plate boundary
Highly localized deformation
Rigid behaviour



Deformed continental crust

Exhumed mantle/oceanic crust

Strike-slip transfer shear zone

Normal faults shear zone

Transfer zones