- <u>Freeze and archive</u> a pre-QC2 version of the physics-GMM. Evaluate its performance on medium and large EQs over the next X years.

- GM simulation as a <u>data-worth model</u>. Identify new sensor location that maximally reduces model uncertainty.

- Testing <u>model error</u>: relax or change modelling assumptions – topography, fault locations, generative slip model – and see if

- Development of engineering community <u>guidelines</u> for model development and application.

- GM simulation as a tool wider <u>scientific enquiry</u>: dynamic stressing and triggering, stress drop heterogeneity, ongoing FWI.