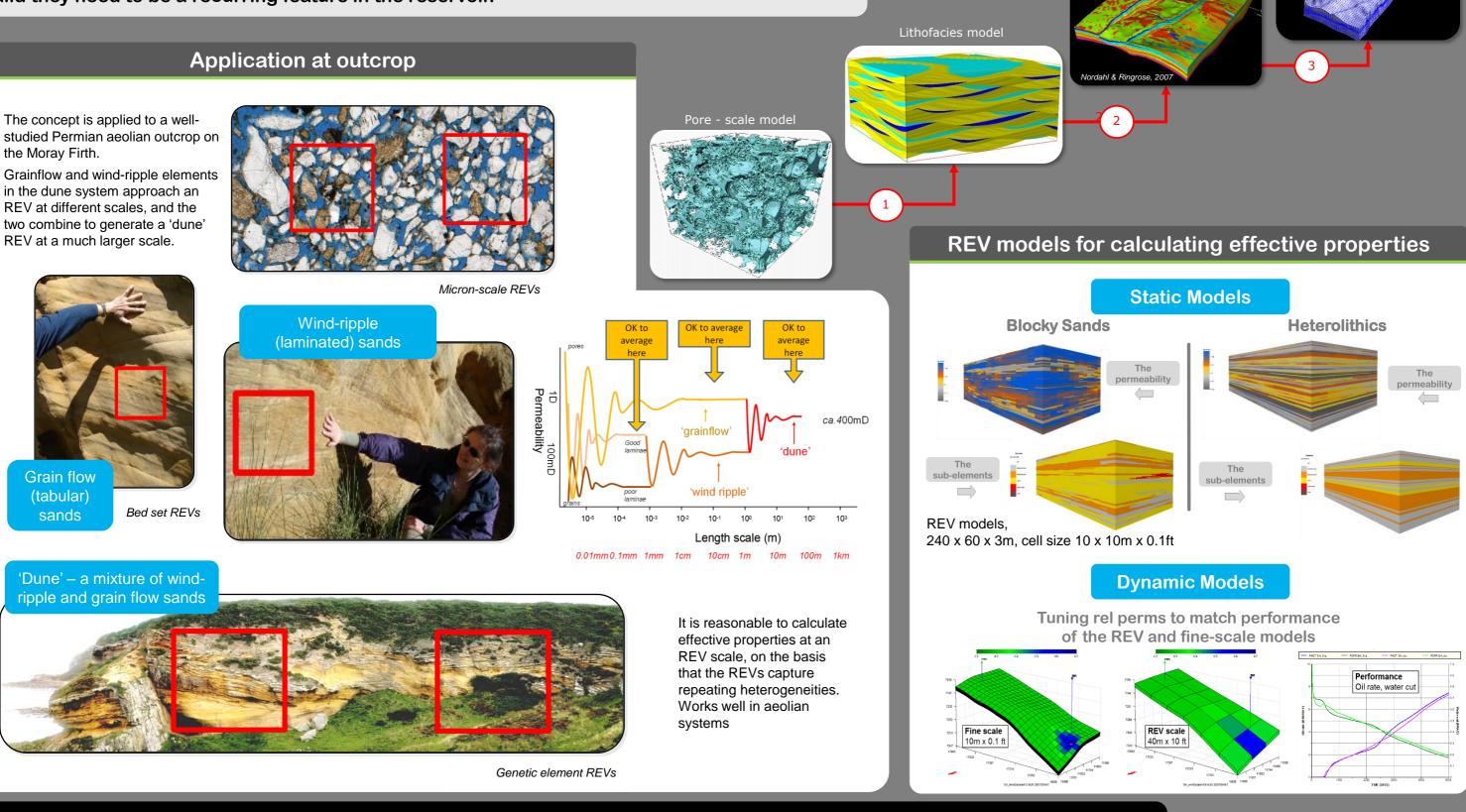
Finding the Limit with REVs – Multi-scale Modelling in Practice

The idea revolves around the use of multi-scale modelling to capture small-scale detail in larger scale models without recourse to multi-million cell models.

To make it work, scales have to be identified at which a Representative Elementary Volume ('REV') can be defined. The REVs effectively capture the reservoir heterogeneity but to be valid they need to be a recurring feature in the reservoir.







Reservoir simulation grid

