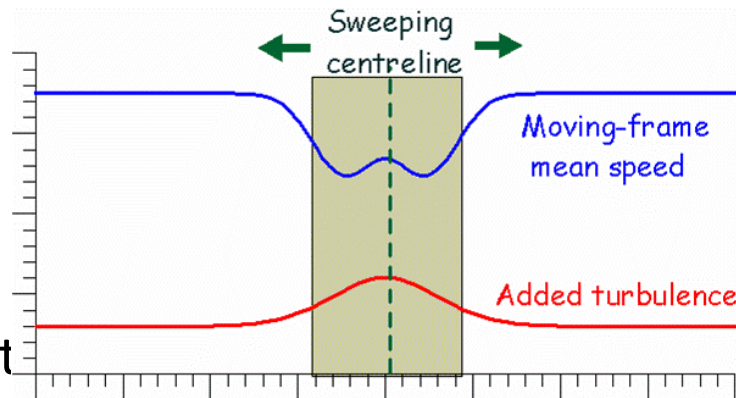


“Poor mans LES” (DWM) - status

- The core of the DWM model is a *split in scales* in the wake flow field



- Wake transportat... d + Taylor advection;
- Deficit: BEM + NS-BLE + eddy viscosity closure ((x,r)-dependent);
- Self generated turbulence: Crude model based on suitable scaling of a homogeneous turbulence field (linear superposition) – refined model planned (Flow Center)
- Verified/calibrated by comparisons with full scale measurements as well as LES CFD.