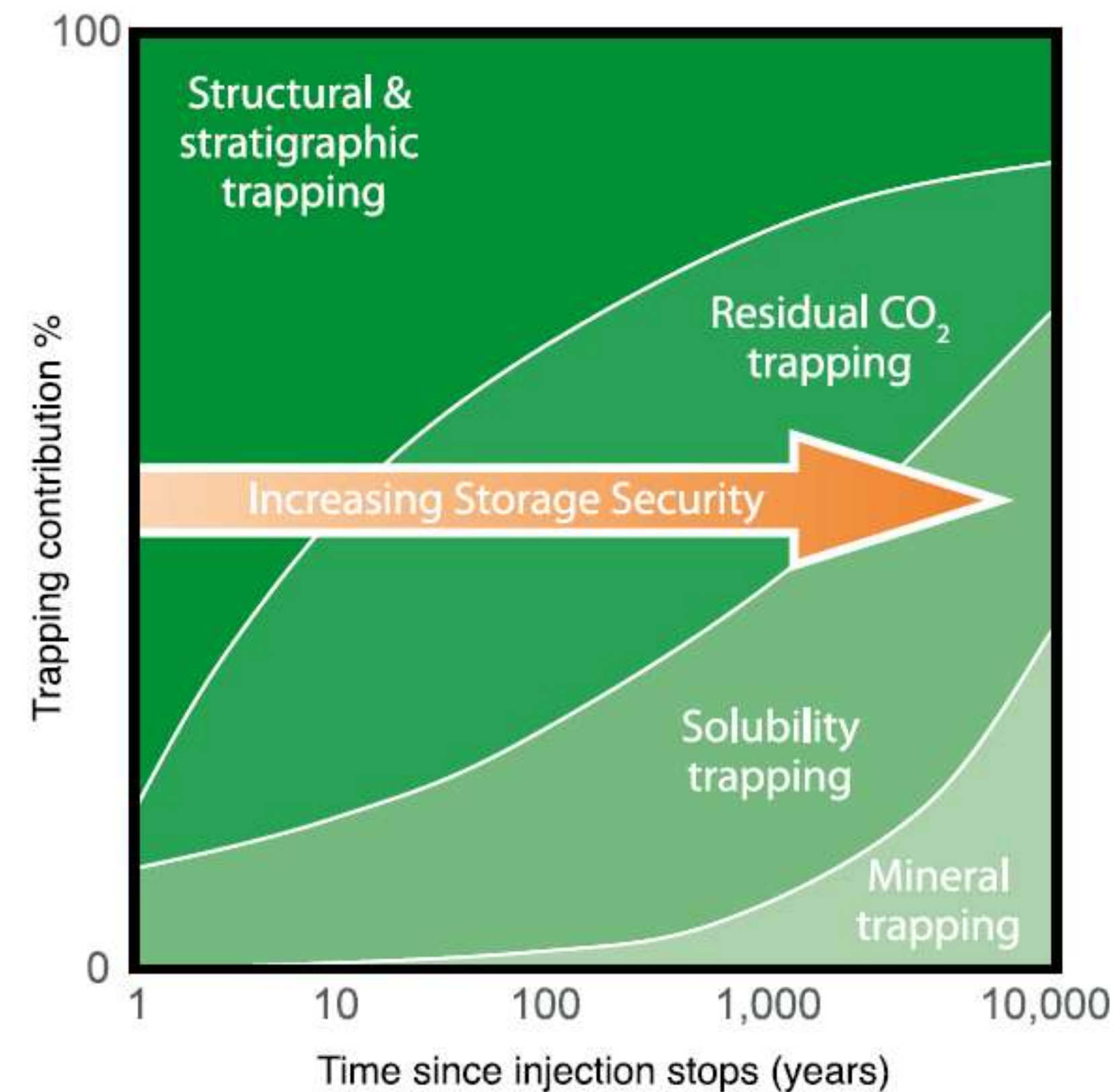


# Increasing storage security over time

- The IPCC special report (Metz et al. 2005) argued that the various CO<sub>2</sub> trapping mechanisms would work over time to increase storage security in the long term:
  1. Structural and stratigraphic trapping
  2. Residual CO<sub>2</sub> trapping
  3. Solubility trapping
  4. Mineral trapping
- Longer term processes – residual solubility and mineral trapping – should gradually work to “fix” CO<sub>2</sub> permanently in the subsurface



# Porous media