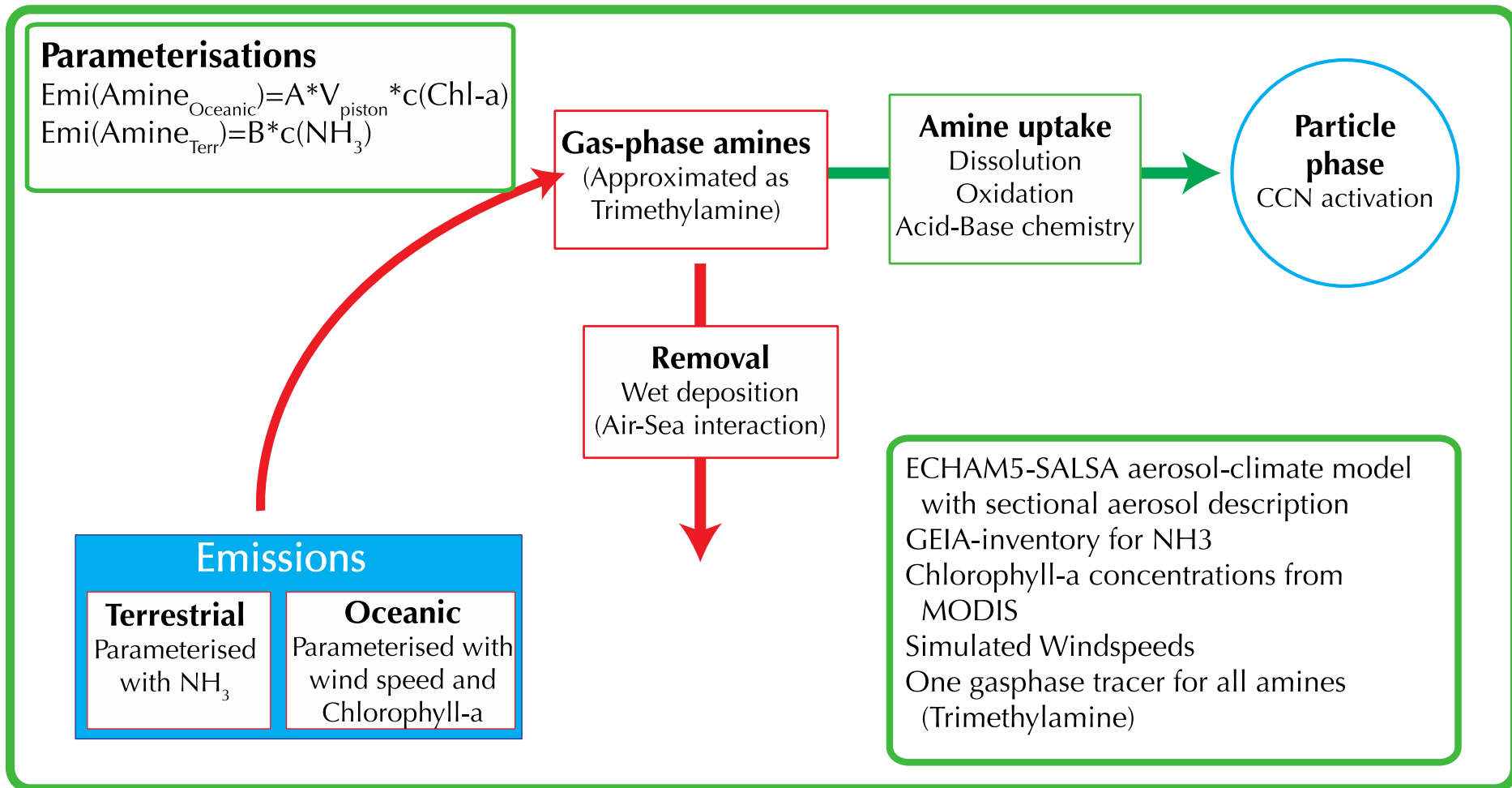


# The Role of Amines in Particle Formation and Growth in Global Model ECHAM5-SALSA

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Gaseous amines have a role in atmospheric nucleation and growth

CLOUD experiment indicate enhancement of nucleation with amines

Amines emitted to atmosphere:

- Anthropogenic sources
- Biogenic sources

Gas-to-particle conversion

- Dissolution
- Acid-neutralizing reactions