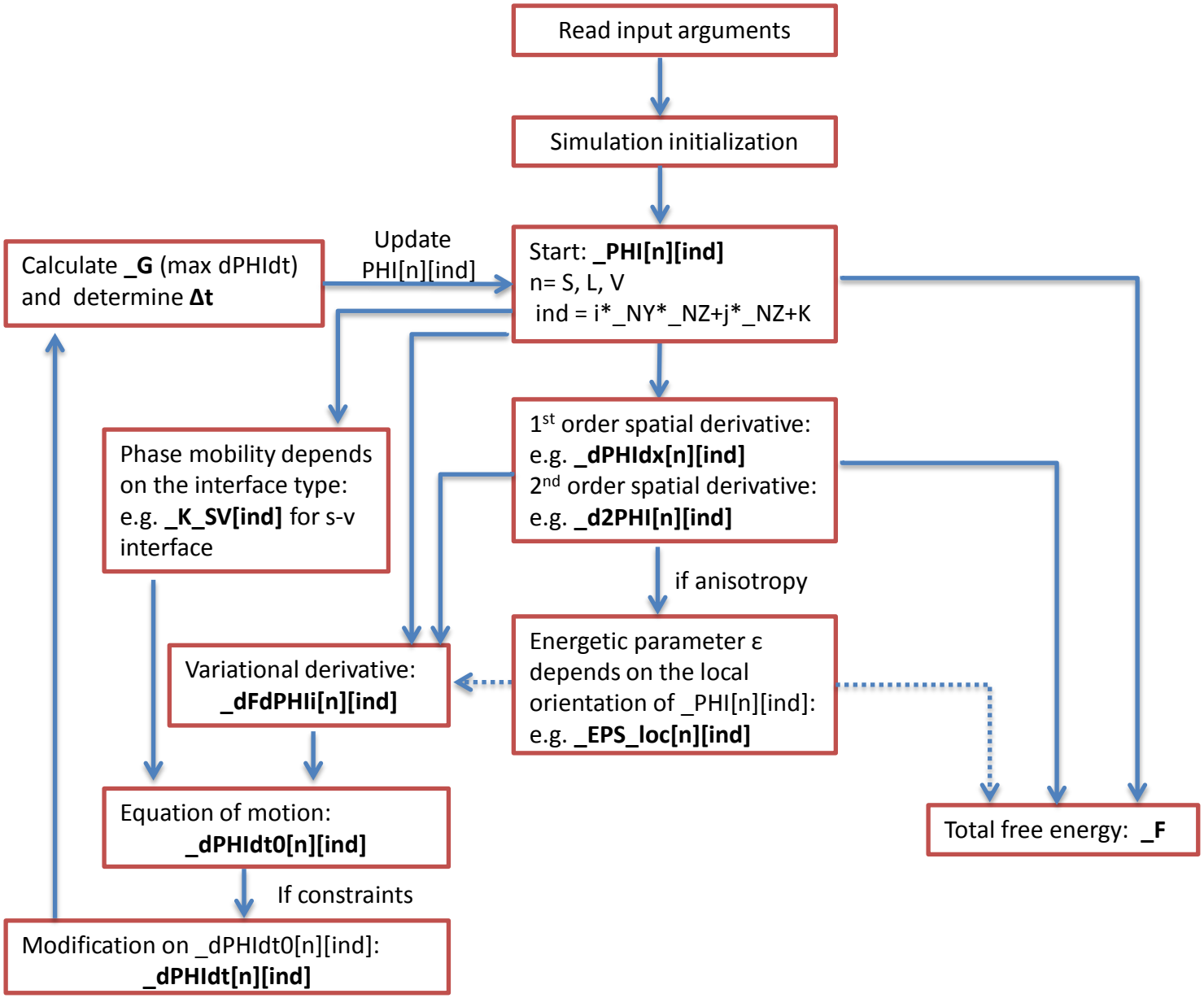
Read input arguments
Simulation initialization
Start: **_PHI[n][ind]**
n= S, L, V
ind = i*_NY*_NZ+j*_NZ+K
Update PHI[n][ind]
Calculate **_G** (max dPHIdt) and determine **Δt**
Phase mobility depends on the interface type: e.g. **_K_SV[ind]** for s-v interface
1st order spatial derivative: e.g. **_dPHIdx[n][ind]**
2nd order spatial derivative: e.g. **_d2PHI[n][ind]**
if anisotropy
Energetic parameter ε depends on the local orientation of _PHI[n][ind]: e.g. **_EPS_loc[n][ind]**
Variational derivative: **_dFdPHIi[n][ind]**
Equation of motion: **_dPHIdt0[n][ind]**
Total free energy: **_F**
If constraints
Modification on _dPHIdt0[n][ind]: **_dPHIdt[n][ind]**