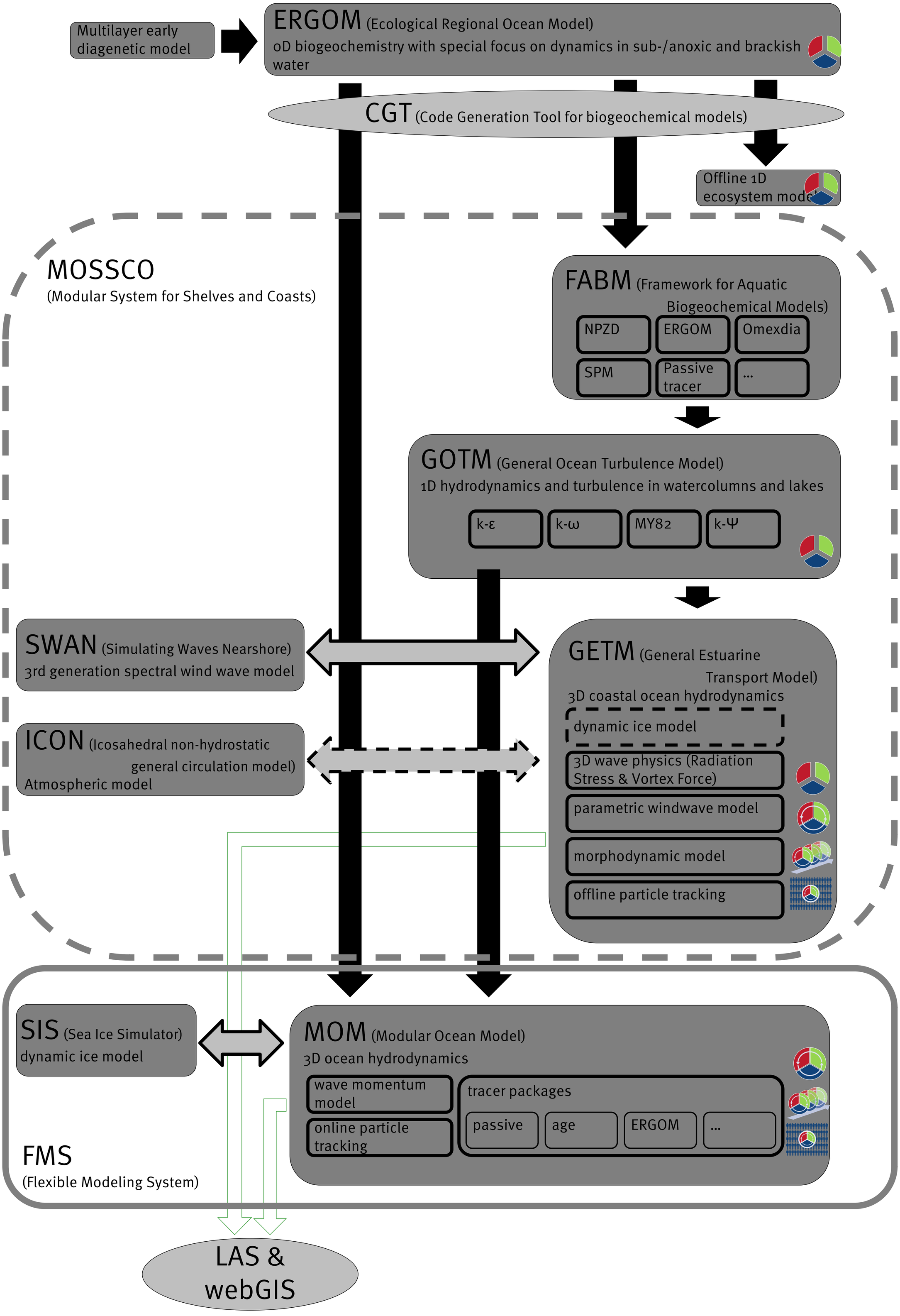
Multilayer early diagenetic model
ERGOM (Ecological Regional Ocean Model)
oD biogeochemistry with special focus on dynamics in sub-/anoxic and brackish water
CGT (Code Generation Tool for biogeochemical models)
Offline 1D ecosystem model
MOSSCO
(Modular System for Shelves and Coasts)
FABM (Framework for Aquatic Biogeochemical Models)
NPZD
ERGOM
Omexdia
SPM
Passive tracer
...
GOTM (General Ocean Turbulence Model)
1D hydrodynamics and turbulence in watercolumns and lakes
k-ε
k-ω
MY82
k-Ψ
SWAN (Simulating Waves Nearshore)
3rd generation spectral wind wave model
ICON (Icosahedral non-hydrostatic general circulation model)
Atmospheric model
GETM (General Estuarine Transport Model)
3D coastal ocean hydrodynamics
dynamic ice model
3D wave physics (Radiation Stress & Vortex Force)
parametric windwave model
morphodynamic model
offline particle tracking
SIS (Sea Ice Simulator)
dynamic ice model
MOM (Modular Ocean Model)
3D ocean hydrodynamics
wave momentum model
online particle tracking
tracer packages
passive
age
ERGOM
...
FMS
(Flexible Modeling System)
LAS & webGIS