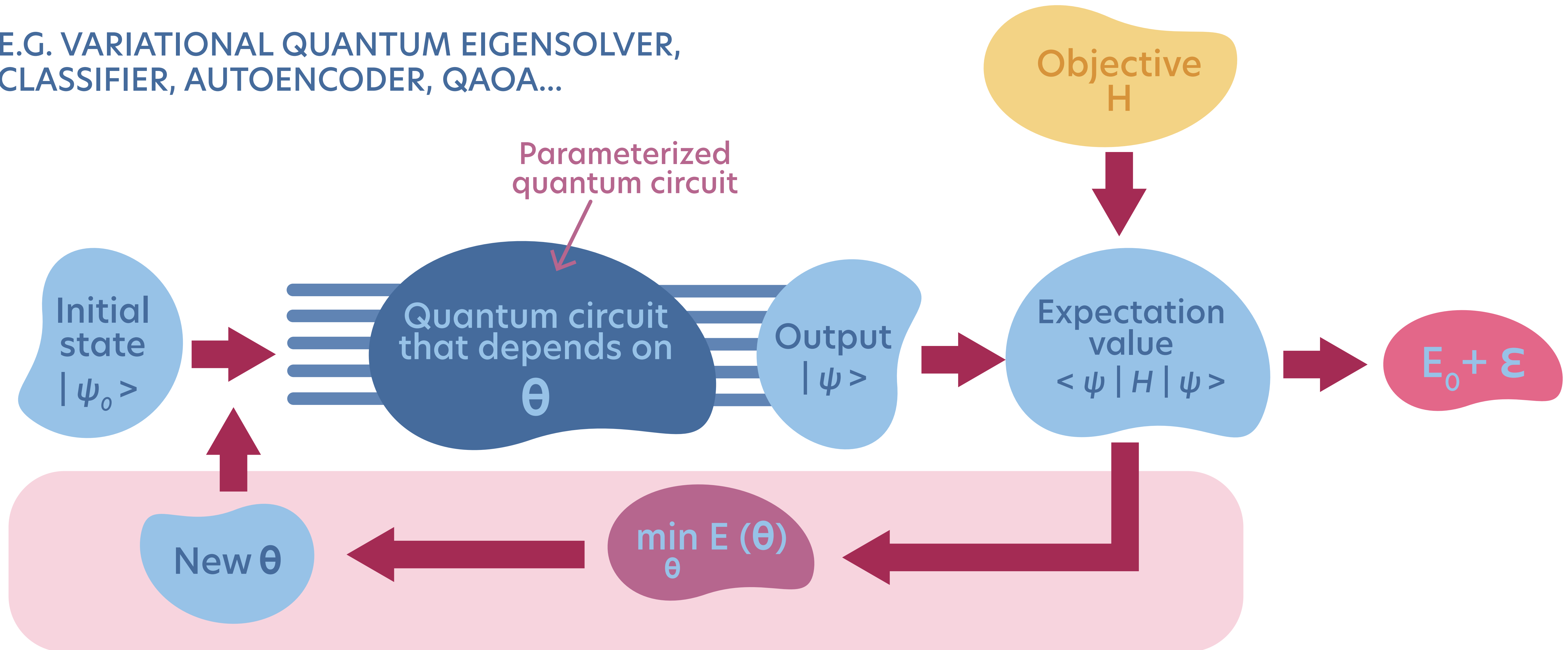


E.G. VARIATIONAL QUANTUM EIGENSOLVER,  
CLASSIFIER, AUTOENCODER, QAOA...



CLASSICAL OPTIMIZATION

Variational principle:  $E = \langle \psi | H | \psi \rangle \geq E_0$