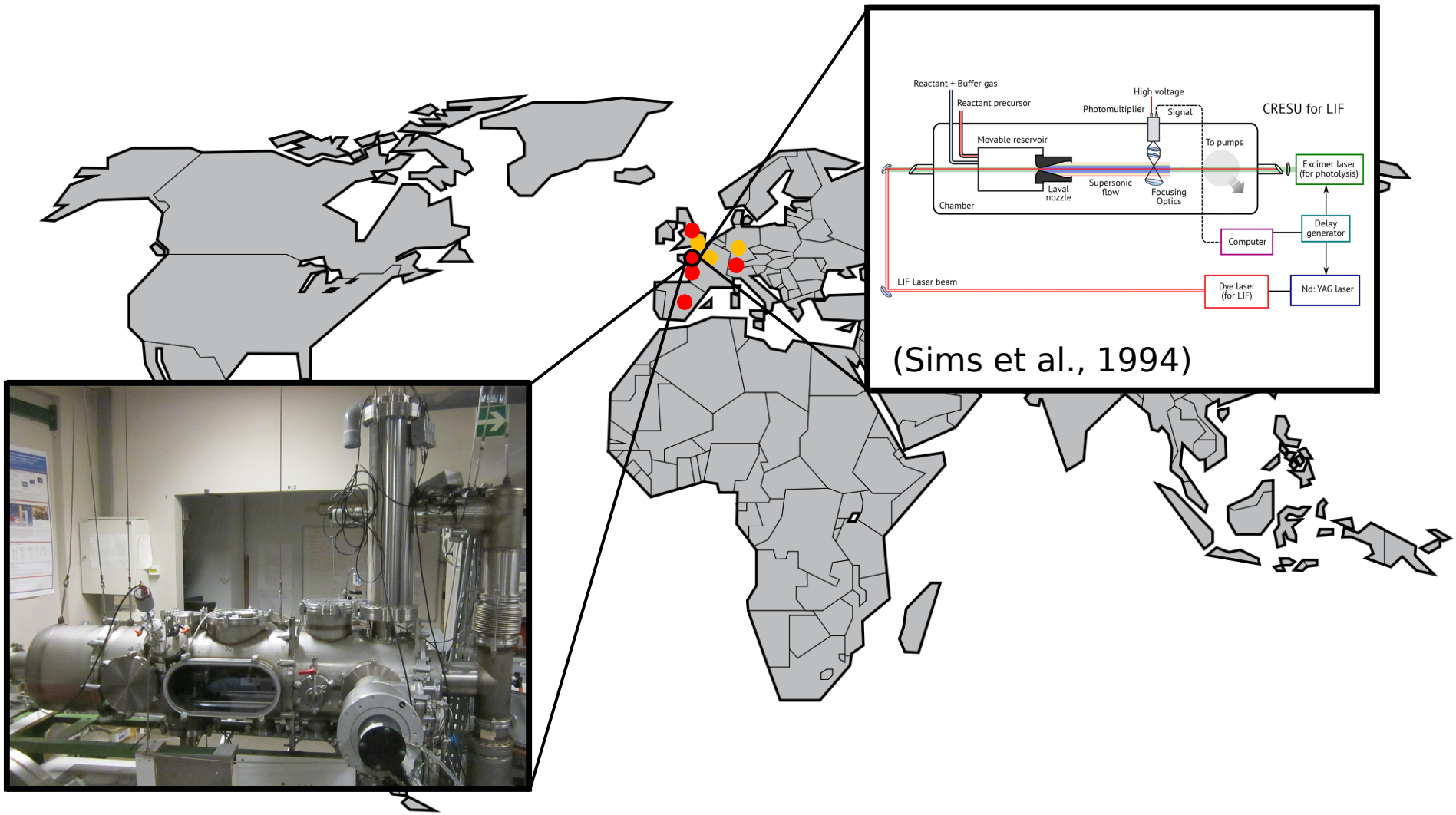

Reactant + Buffer gas
Reactant precursor
High voltage
Photomultiplier
Signal
CRESU for LIF
Movable reservoir
To pumps
Excimer laser (for photolysis)
Laval nozzle
Supersonic flow
Focusing Optics
Chamber
Delay generator
Computer
LIF Laser beam
Dye laser (for LIF)
Nd: YAG laser
(Sims et al., 1994)